Simplification & Approximation Short Tricks & Questions

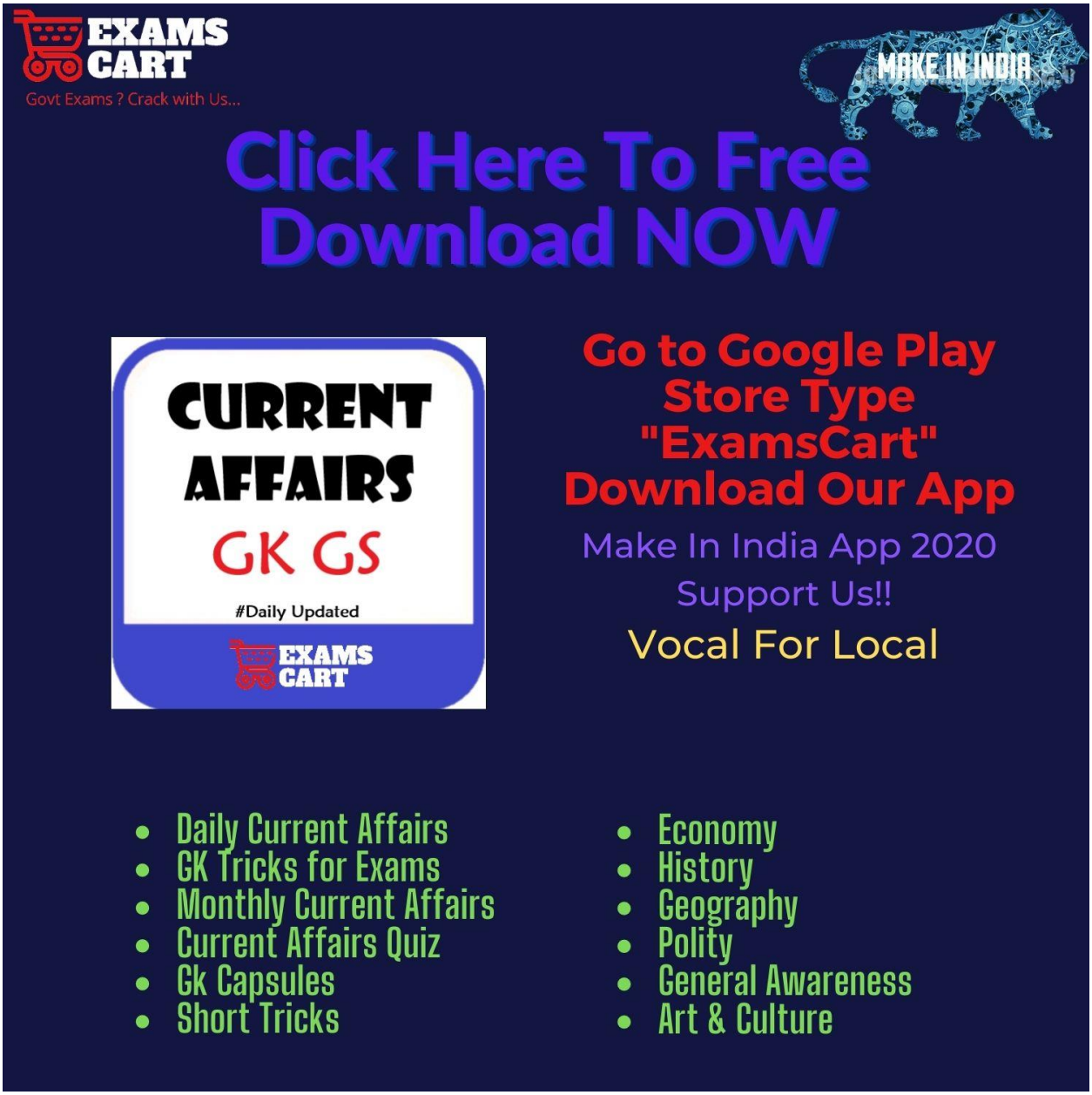
Support Us *& get more exam wise free study material, videos, pdfs, current affairs, job alerts, results join our complete exam wise social network from below links :-*

TELEGRAM OFFICIAL CHANNEL	Telegram.me/ExamsCart
FACEBOOK OFFICIAL PAGE	FB.com/ExamsCartOfficial
TWITTER OFFICIAL HANDLE	Twitter.com/Exams_Cart
INSTAGRAM OFFICIAL PAGE	Instagram.com/Exams_Cart
YOUTUBE OFFICIAL CHANNEL	https://www.youtube.com/channel/UCYar18Ja2briD8tBOmk5Nsw?sub_confirmation=1

Please Subscribe, Join& Like Our Above Social Network.

Free Current Affairs Daily, Monthly, Yearly Pdfs, GK Tricks, General Studies Free PDFs

Click Here To Download



Simplification & approximation Short Tricks & Questions

Simplification and Approximation forms an important part of all Banking exams as 3-5 questions are expected from this chapter alone. In Simplification, we have to simplify & calculate the given expressions whereas, in Approximation, we take the approximate values & give the answers accordingly.

Basic Rules of Simplification

BODMAS Rule

It defines the correct sequence in which operations are to be performed in a given mathematical expression to find the correct value. This means that to simplify an expression, the following order must be followed -

***B** = Bracket,*
***O** = Order (Powers, Square Roots, etc.)*
***D** = Division*
***M** = Multiplication*
***A** = Addition*
***S** = Subtraction*

1. *Hence, to solve simplification questions correctly, you must apply the operations of brackets first. Further, in solving for brackets, the order - (), {} and [] - should be stricly followed.*
2. *Next you should evaluate exponents (for instance powers, roots etc.)*
3. *Next, you should perform division and multiplication, working from left to right. (division and multiplication rank equally and are done left to right).*
4. *Finally, you should perform addition and subtraction, working from left to right. (addition and subtraction rank equally and are done left to right).*

EXAMPLE 1: Solve 12 + 22 ÷ 11 × (18 ÷ 3)^2 - 10
= 12 + 22 ÷ 11 × 6^2 - 10 (Brackets first)
= 12 + 22 ÷ 11 × 36 - 10 (Exponents)
= 12 + 2 × 36 - 10 = 12 + 72 - 10 (Division and multiplication, left to right)
= 84 - 10 = 74 (Addition and Subtraction, left to right)

EXAMPLE 2: Solve 4 + 10 - 3 × 6 / 3 + 4
= 4 + 10 - 18/3 + 4 = 4 + 10 - 6 + 4 (Division and multiplication, left to right)

*= 14 - 6 + 4 = 8 + 4 = 12 (*Addition and Subtraction, left to right)

To Solve Modulus of a Real Number

The Modulus (or the absolute value) of x is always either positive or zero, but never negative. For any real number x, the absolute value or modulus of x is denoted by |x| and is defined as |x|= x {if x ≥ 0} and −x {if x < 0}

EXAMPLE 1: Solve |8|

|8| = |-8| = 8

Tips to Crack Approximation

Conversion of decimal numbers to nearest number

To solve such questions, first convert the decimal to nearest value. Then simplify the given equation using the new values that you have obtained.

EXAMPLE 1: Solve 4433.764 - 2211.993 - 1133.667 + 3377.442

Here,

4433.764 = 4434

2211.993 = 2212

1133.667 = 1134

3377.442 = 3377

Now simplify, 4434 - 2212 - 1134 + 3377 = 4466

EXAMPLE 2: Solve 530 x 20.3% + 225 x 16.8%

Here, 20.3% becomes 20% and 16.8% becomes 17%

Now, simplify 530 x 20% + 225 x 17%

= 106 + 38.25 = 144.25

Approximation of Square Roots

1. *To simplify a square root, you can follow these steps:*
2. *Factor the number inside the square root sign.*
3. *If a factor appears twice, cross out both and write the factor one time to the left of the square root sign. If the factor appears three times, cross out two of the factors and write the factor outside the sign, and leave the third factor inside the sign. Note: If a factor appears 4, 6, 8, etc. times, this counts as 2, 3, and 4 pairs, respectively.*
4. *Multiply the numbers outside the sign.*
5. *Multiply the numbers left inside the sign.*
6. *To simplify the square root of a fraction, simplify the numerator and simplify the denominator.*

Now we are going to share some important tips and tricks that will help you prepare the Simplification - Approximation topic better.

Simplification / Approximation: Tips and Tricks

We strictly recommend you to learn square (up to 30) and cube (up to 20).We will discuss here methods to solve and types of problems which are generally asked in exams.

Unit Digits and its applications

Ex: 298: 8 is the unit place in 298.

Ex: 1947: 7 is the unit place in 1847.

Ex: 2345×6789
(A)15920206 (B)15920208 (C) 15920205 (D) 15920204
Solution: When unit place of 5 in 2345 and unit place of 9 in 6789 multiplies we will get 45. So when both numbers are multiplies it should have 5 at its unit place which is only in option C.
Ex: 43 × 36 + 57 × 89
(A)6380 (B)5728 (C)6782 (D)6621
The unit digit will be the sum of the individual unit digits.
(3×6)+(7×9) = 18+63 = 81
So the resultant number must have 1 at its unit place.

Digit Sum

It is the sum of all digits of the number used in making the number and keep adding till we have only one digit left.
Ex: 2345
Digit sum = (2+3+4+5) = 14 = 1+4 = 5
Ex: 123456789
Digit sum = (1+2+3+4+5+6+7+8+9) = 45 = (4+5) = 9
Note: In this case our assumption is that 9 should be treated as 0.
Ex: 123 × 456 × 781
(A)43804728 (B) 53804728 (C) 53804528 (D)33804958
LHS (Digit sum)= (1+2+3)×(4+5+6)×(7+8+1)= 6× 6× 7 = 36× 7 = 9 × 7 = 63 = 0

RHS (Digit sum):
(A) (4+3+8+0+4+7+2+8)= 36 =(3+6)= 9 = 0
(B) (5+3+8+0+4+7+2+8) = 37 = 10 = (1+0) = 1
(C) = 35 = (3+5) = 8
(D) =31 = (3+1) = 4
So, Option A is the answer.
Ex: 2011×97+50123 = ? × 743
(A) 340 (B) 330 (C) 350 (D) 303 (E) 345
Solution:
In LHS 2011×97, unit digit will be 7
In 50123, the unit digit is 3, So when we add these, the addition will have '0' at its unit place.
In RHS, we also need '0' at the unit place, the number which has to multiplied by 743 must consist 0 at its unit place. So, option (D) and (E) are eliminated.
Now Let's apply Unit digit and digit sum
In LHS, 2011×97+ 50123
4 × 7 + 11 = 28+11 = 10+2 = 1+2 = 3
In RHS if option is (A)
then 340 × 743 = 7×14 = 7 × 5 = 35 = 8
LHS ≠ RHS
In RHS if option is (B)
then 330 × 743 = 6× 14 = 6× 5 = 30 = 3
LHS = RHS, It is the answer. If you check other options it will not satisfy this.
Ex: 6269+0.75× 4444+0.8×185 =?
(A)9759 (B)9750 (C)9740 (D)9755 (E)9655

Solution:
6269+ (3/4)×4444+148.0
6269+3333+148

We can see that unit digit is Zero. So options remained are B and C.

Now, (23)+(12)+(13)

5+3+4 = 12 = 3

Applying digit sum for (C) = 2 and (B) = 3

So, answer is B

How to calculate Square Root?

Perfect Square

If the square ends in	***1***	***4***	***5***	***6***	***9***	***0***
The number would end in	*1,9*	*2,8*	*5*	*4,6*	*3,7*	*0*

When a number is given, split it in two parts, in such a way that 2nd part has last two digits of number and first part will have remaining digits.

Ex 1: Square root of 3481
Split number in two parts i.e. 34 and 81(last two digits)
We know that square of number ends in 1, so square root ends either in 1 or 9.
Check, 34 lies between 25 (square of 5) and 36 (square of 36). Take smaller number.
So, our answer is either 51 or 59.
but we know 502 = 2500 and 602 = 3600, 3481 is nearest to 3600. So the answer is 59.
or 34 is more close to 36 than 25, so the answer is 59.
Ex 2: 76176
Split: 761 76
Number will end in either 4 or 6,
729(272) < 761 < 784 (282), So the answer may be 274 or 276. 761 is more close to 784, so the answer is 276.
Ex 3: square root of 75076
Split: 750 76
Number will end in either 4 or 6
729(272) < 750 < 784 (282), So the answer may be 274 or 276. 750 is more close to 729 than 784, so the answer is 274.
Non-Perfect Square: This gives approximate value not an exact value.
Ex4: 1000
961(312) < 1000 < 1024(322)
Now, 1000 is nearest to 1024
So, 32 – ((1024-1000)/(2× 32))

32 – (24/64)

32-.375 = 31.625

or 31+((1000-961)/(2× 31))

31 + (39/62)

31+.629 ≈ 31.63

How to calculate Cube root?

If the cube ends in	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*0*
The number would end in	*1*	*8*	*7*	*4*	*5*	*6*	*3*	*2*	*9*	*0*

When a number is given, split it in two parts, in such a way that 2nd part has last three digits of number and first part will have remaining digits.
Ex 1: cube root of 3112136
Split in two parts 3112 136
Number will end with 6
143 (2744) < 3112 < 153 (3375)
Choose the smaller number and answer will be 146.
Ex 2: cube root of 2406104
split in two parts 2406 104
Number will end with 4
133 (2197) < 2406 < 143(2744)
So the answer will be 134.

To approximate Actual values

If (and only if) we need to find the actual value of a given fraction, represent the numerator as sum or difference of terms related to denominator.

1449/132 =

1449 = 1320 + 132 – 3

1449/132 = 10 + 1 – a small value ≈ little less than 11 (actual value is 10.977)

36587 / 123 =

36587 = 36900 – 246 – 61.5 - ...

36587 / 123 = 300 – 2 - 0.5 – a small value ≈ little less than 297.5 (actual is 297.455)

1569 / 12 =

1569 = 1200 + 360 + 8.4 + 0.6

1569 / 12 = 100 + 30 + 0.7 + 0.05 = 130.75

This method should suffice for the level of accuracy expected in our exams.

Another method is to reduce the complexity of fraction and then solve. Complexity of a fraction can be directly related to the complexity of its denominator. If we simplify denominator, we simplify the fraction. Add to or subtract from the denominator to make it an easier value (like add 2 to 1998 to get 2000 or subtract 16 from 116 to get 100).

While adjusting the denominator always remember to BALANCE the fraction. Balancing fraction is not just adding/subtracting the same number to/from the numerator that we used to change the denominator.

Consider a fraction p/q = n; then p = qn.

If we add a number x to q, we need to add nx to p to balance the fraction. Also if q is reduced by a number x, p needs to be reduced by nx.

Here the approximation comes while fixing n. If the given options are separated well enough from each other and simplification of denominator is pretty obvious, then this method can be employed. If we have closer options it is better to stick with the method we discussed first.

1569 / 12 = ?

*Here if we make the denominator as 10 we can tell the value in no time. To do so, we need to subtract 2 from denominator. Numerator is more than 130 times the denominator (n ≈ 130). Hence to balance the fraction we need to subtract 2 * 130 from numerator.*

1569 / 12 ≈ 1309 / 10 ≈ 130.9 (actual value is 130.75)

To Approximate relative values

Most of the DI questions revolves around sorting the given numbers/fractions or finding its relative position (lesser/greater than) based on a reference value. If we don't need the actual value, DON'T find the actual value.

Find the largest and smallest value among the below fractions

56/298, 46/374, 138/493, 37/540, 670/2498

We will do the first level approximation by guesstimating the given fractions. Try to represent the given numbers in 1/x format. While arranging fractions we usually try to represent the given fractions with the same denominator after finding the LCM of all denominators. But we are here

to solve faster using approximation. We will take an easier route, Make the numerator same, i.e. one.

*56/298, we know 56 * 6 > 298 = > 56/298 > 1/6. Note that we didn't find the actual value of 56 * 6; we just want to get the closest multiple of 56 to the number 298.*

56/298 = Greater than 1/6

46/374= Less than 1/8

138/493 = Greater than 1/4

37/540 = Greater than 1/15

670/2498 = Greater than 1/4

We don't have any confusion in finding the smallest which is 37/540 (1/15 is less than other values). But we have 2 candidates fighting for the largest fraction title, 138/493 and 670/2498. We will consider only those two and try to get an approximate value. We will try both methods discussed before for finding the actual value.

Method 1:

138 = 98.6 + 24.65 + 12.325 + …

138/493 ≈ 0.2 + 0.05 + 0.025 + small value ≈ greater than 0.275

670 = 499.6 + 124.9 + 49.96 – 4.46

670/2498 ≈ 0.2 + 0.5 + 0.02 – small value ≈ less than 0.27

Hence 138/493 is the largest.

Method 2:

138/493,

We can see denominator is close to 3.5 times numerator. Hence if we increase denominator by x, we need to balance the fraction by increasing numerator by x/3.5. We will get an easier fraction if we can write denominator as 500 by adding 7. We also need to add 7/3.5 = 2 to the numerator.

138/493 ≈ 140/500 ≈ 0.28

Similarly for 670/2498, here we can get a neat fraction by adding 2 to the denominator. And here as 2 is negligible compared to the denominator we can very well skip the balancing part and write fraction as 670/2500 = 0.268

Hence, 138/493 is the largest.

Here we wrote 670/2500 = 0.268. How?

670/2500 = 67/250, we can get denominator as 1000 by multiplying both sides by 4. Hence 67/250 = 268/1000 = 0.268

We used the same logic while 'cleaning up' 140/500. Multiply both sides with 2 to get denominator as 1000. Fraction becomes 280/1000 = 0.028

Here, instead of finding actual values of all five fractions and comparing them we just played with the relative values of the fractions and found actual values only for two cases which were required to get the answer.

Another usual DI question type is to find the relative position of a given value based on a reference value. This question comes like 'How many students scored marks more than class average (Reference value)' , 'How many players has strike rate higher than Sachin (Reference value)' etc…

How many of the given values are greater than 0.7

11/13, 25/34, 33/46, 44/65, 56/81

As we are asked to find only the relative values (with respect to 0.7) don't jump into finding actual values. Take few seconds to write the below statement which will help us in solving faster.

If x/y > 0.7, x > 0.7 y, 10x > 7y

So we need to find all fractions where 10 times numerator is greater than 7 times y. multiplying both sides with 10 is to ease the calculation and simplify the comparison :)

Take fractions one by one

Three fractions (11/13, 25/34 and 33/46) are greater than 0.7

Most of us have higher comfortable level with multiplication than division. To find relative values based on a reference point, convert division into multiplication. This way we can get our answers faster without messing with our accuracy.

In our example 56/81 = 0.69, still we were able to find it is lesser than 0.7 without doing any complicated or time consuming stuff.

Simplification Tricks – Easiest way to choose simplification questions:

***STEP 1**: Know about BODMAS Rule. Following are the list of priority given for brackets and signs.*
***STEP 2**: If an expression Contains brackets, the expression within the **brackets** should be simplified first.*
***STEP 3**: If an expression contains '**Of**', multiplication, division, addition and subtraction, then **of** should be performed first then followed by multiplication or division.*
Proceeding from left to right, addition and subtraction are carried out in the order in which the sign of addition and subtraction are given.
*If expression contains **'Of' and Division – always do 'Of'** and then do division*

STEP 4*: If expression involves all the* ***four operations****,****then multiplication and division****is carried out* ***first*** *in the order in which they are given from left to right. The same rules are carried out for addition and subtraction*

Learn squares and cubes of number (Simplification Tricks)

Simplification Tricks – Squares(1^2 to 30^2):

- $1^2 = 1$
- $2^2 = 4$
- $3^2 = 9$
- $4^2 = 16$
- $5^2 = 25$
- $6^2 = 36$
- $7^2 = 49$
- $8^2 = 64$
- $9^2 = 81$
- $10^2 = 100$
- $11^2 = 121$
- $12^2 = 144$
- $13^2 = 169$
- $14^2 = 196$
- $15^2 = 225$
- $16^2 = 256$
- $17^2 = 289$
- $18^2 = 324$
- $19^2 = 361$
- $20^2 = 400$
- $21^2 = 441$
- $22^2 = 484$
- $23^2 = 529$
- $24^2 = 576$
- $25^2 = 625$
- $26^2 = 676$
- $27^2 = 729$
- $28^2 = 784$
- $29^2 = 841$
- $30^2 = 900$

Simplification Tricks – Cubes (1^3 to 15^3):

- $1^3 = 1$
- $2^3 = 8$
- $3^3 = 27$
- $4^3 = 64$
- $5^3 = 125$
- $6^3 = 216$

- $7^3 = 343$
- $8^3 = 512$
- $9^3 = 729$
- $10^3 = 1000$
- $11^3 = 1331$
- $12^3 = 1728$
- $13^3 = 2197$
- $14^3 = 2744$
- $15^3 = 3375$

Example 1: 21^2 / 49 × 6

Solution:*From the above question if we know the square value of 21^2, then this question will be easily solved*

STEP 1:*$21^2 = 441$*

STEP 2:*$441/49 = 9$*

STEP 3:*$9 \times 6 = 54$*

STEP 4:*Hence the answer for above series is****54***

REMEMBER FREQUENTLY ASKED FRACTION VALUES (Simplification Tricks)

- 5% = 0.05
- 6 ¼ % = 0.0625
- 10% = 0.1
- 12 ½ = 0.125
- 16 × (2/3)% = 0.166
- 20 % = 0.2
- 25 % = 0.25
- 33 × (1/3)%= 0.33
- 40 % = 0.4
- 50% = 0.5
- 60% = 0.6
- 66 × (2/3) =0.66
- 75 %= 0.75
- 80 %= 0.8
- 90 % = 0.9
- 100% = 1
- 125 % = 1.25
- 150% = 1.5
- 200 % = 2
- 250 % =2.5

Example 2): 60% of 250 +25% of 600

STEP 1*: Know the values of 60% =0.6 and 25 % = 0.25*

STEP 2*: Now directly multiply 0.6×250 + 0.25×600*

STEP 3:*0.6×250= 150*

0.25×600=150

***STEP 4**: 150+ 150 = 300*
STEP 5:**Hence the answer for above series is**300
Example 3): Solve mixed fraction – Multiplication
EXAMPLE 3: 2×(3/5) × 8×(1/3) + 7 ½ × 2×(2/3)
***STEP 1:**2×(3/5) × 8×(1/3) = (13/5) × (25/3) = 65/3*
***STEP 2:** + 7 ½ ×2×(2/3)= 43/6 × 12/5 = 86/5*
***STEP 3:**65/3 + 86/5 = 38×(15/13)*
STEP 4:**hence the answer for above series is**38×(15/13)
Example 4): Solve Mixed Fraction addition
***Example 4:**19×(3/5) + 23×(2/3) – 24×(1/5)*
***STEP 1:**Take all the whole number outside the bracket i.e. 19+23 -24 = 18*
***STEP 2:**Add fractions within bracket 18×[(3/5) + (2/3) – (1/5)] = 18(16/15)*
STEP 3:** Hence the answer for above series is**18(16/15)
Example 5): $(?)^2+18\times12=6^2\times5\times2$
***STEP 1:**Multiply 18 × 12 = 216*
***STEP 2:**Square of 6 = 36*
***STEP 3:**Multiply 36 ×5×2= 360*
***STEP 4:**$(X)^2+216 = 360$*
***STEP 5:**$(X)^2 = 360-216 = 144$*
***STEP 6:**Therefore X = 12*

Simplification Questions

Q1.(47 × 562.58) ÷ (23 × 112.23) = ?

a. 17
b. 10
c. 18
d. 21
e. 12

Q2. $(34.9)^2 \div 7 + \sqrt{?} = 217.02$

a. 1765
b. 1681
c. 1742
d. 1849
e. 1723

Q3. 32.69% of 3394.69 + 12.68% of 169.78 = ? – 623.68

a. 1680
b. 1750
c. 1720
d. 1580
e. 1770

Q4. 6832 ÷ 58 × ? – 1624.64 = 1064.28

a. 24
b. 34
c. 20
d. 42
e. 32

Q5. 24% of 650 - ?% 123.68 = 78.2

a. 75
b. 60
c. 88
d. 63
e. 82

Q6. .11.25% of 135 + 8.72% of 463 = ?

a. 45
b. 55
c. 35
d. 65
e. 44

Q7. 48302314 × 22.678 = *?*

a. 2230
b. 2195
c. 2400
d. 2315
e. 2600

Q8. 26.89 × 168.98 + 5317 = ?

a. 8980
b. 8880
c. 10980
d. 9880
e. None of these

Q9. 1527 × 0.3 + 38% of 380 + 49 × 0.490 = ?

a. 625
b. 627
c. 527
d. 427
e. 637

Q10. 327 + 617 - 217 + 1323 = *?*

a. 19
b. 18
c. 21
d. 23
e. 24

Q11. (4874 + 5995 + 3329) ÷ (712 + 510 + 325) = ?

a. 9
b. 11
c. 7
d. 11
e. 12

Q12. 63.5% of 8924.19 + 22% of 5324.42 = ?

a. 6278
b. 6128
c. 6228
d. 5624
e. 6817

Q13. 27 × 164 + 3739 = ? – 32.630

a. 105400
b. 4000
c. 8200
d. 690
e. 6300

Q14. 134% of 3894 + 38.94% of 134 = ?

a. 5300
b. 5500
c. 5000
d. 4900
e. 5280

Q15. 1.65% of 8471 – 0.61% of 9326 = ?

a. 76
b. 78
c. 75
d. 80
e. 95

Q16. .60% of [113 × 2920 +518 × 2075] = ?

a. 360
b. 480
c. 520
d. 660
e. 32

Q17. 25% of 84 × 24% of 85 = ?

a. 424.2
b. 488.4
c. 482.8
d. 428.4
e. None of these

Q18. $7365 + (5.4)^2 + \sqrt{?} = 7437.16$

a. 1894
b. 1681
c. 1764
d. 2025
e. None of these

Q19. $.64 \times 16 \div 256 = (4)^{?-3}$

a. 4
b. 1
c. 5
d. 3
e. None of these

Q20. . 25.05 × 123.95 + 388.999 × 15.001 =?

a. 900
b. 8950
c. 8935
d. 8975
e. 8995

Q21. 83% of 6242 × 12% of 225 = ?

a. 146286.42
b. 134263.18
c. 139883.22
d. 1562218.23
e. None of these

Q22. $2^{0.2} \times 64 \times 8^{1.3} \times 4^{0.2} = 8^{?}$

a. 2.7
b. 2.5

c. *3.7*
d. *3.2*
e. *None of these*

Q23. $(73)^3 = ?$

a. *365127*
b. *298627*
c. *305867*
d. *389017*
e. *None of these*

Q24. $118 + 167 + 335 = ?$

a. 8121140
b. 6163280
c. 9197280
d. 7117140

Q25. .? ÷ 25 ÷ 12 = 248.76<

a. *74628*
b. *497.52*
c. *62452*
d. *870.66*
e. *None of these*

Q26. (36.01) × (4096) × (37.99) ÷ (9 × 75.98) = 4

a. *7*
b. *3*
c. *5*
d. *8*
e. *7*

Q27. (4809.01 + 9615.96 + 14425.03)÷4.98+6.02 = (?)

a. *92*
b. *67*
c. *72*
d. *76*
e. *74*

Q28. (35% of 74000) ÷ ? = (123 % of 13.02) × 2.01

a. *40*
b. *50*
c. *75*
d. *90*
e. *65*

Q29. 4/15 of 393 + 7/12 of 473 = ? × (1.99 + 1.01)

a. 127
b. 137
c. 157
d. 177
e. 147

Q30. √(2809.001) ÷ 7.98 × (12.01) + 46.002 = ?

a. 1300
b. 900
c. 1000
d. 1100
e. 980

Q31. 18% of 256 + 35% of 290 – 15% of 385 = ?

a. 83
b. 80
c. 90
d. 70
e. 85

Q32. √4090 × √12163 + 49 = (?)

a. 29
b. 49
c. 33
d. 39
e. 37

Q33. 847 +934 –358 – *?* = 62956

a. 8
b. 6
c. 10
d. 5
e. 2

Q34. 94210863 ×328 –57+75 = *?*

a. 32
b. 28
c. 40
d. 45
e. 42

Q35. [(1623) × (4539)] / [(31526) – (3413)] =*?*

a. 65
b. 62
c. 76
d. 71
e. 78

Q36. 135% of 342 - 342% of 13.5 = ?

a. 411.13
b. 412.23
c. 413.33
d. 414.43
e. 415.53

Q37. √13.3225 = ?

a. 3.45
b. 3.55
c. 3.65
d. 3.75
e. 3.85

Q38. 144 × 7 + 612 × 4 = ?% of 12800

a. 24
b. 27
c. 30
d. 32
e. 35

Q39. 185% of 1359 + 18.5% of 1319 = ?

a. 2510
b. 2630
c. 2760
d. 2890
e. 3025

Q40. 5475÷4.98=?

a. 11
b. 15
c. 20
d. 24
e. 27

Q41. 118.07 × 13.49 + 169.8% of 784 = ?

a. 2520
b. 2610

c. 2750
d. 2870
e. 2930

Q42. $43.03 \times 27.96 + 11.98 \times 342870 = ?$

a. 1625
b. 1705
c. 1775
d. 1815
e. 1855

Q43. $8.662 \times 13.9850 = ?$

a. 120
b. 130
c. 140
d. 150
e. 160

Q44. The value of $(0.03125)^{2/5}$ is

a. 1
b. 2
c. 3
d. 4
e. None of these

Q45. The value of $\sqrt{18} + \sqrt{50} - \sqrt{32}$ is

a. $4\sqrt{2}$
b. $3\sqrt{2}$
c. $2\sqrt{2}$
d. $\sqrt{2}$
e. $\sqrt{5}$

Q46. The value of $(xa-b)c(xb-c)a(xc-a)b$ is

a. 0
b. 1
c. xab
d. xbc
e. 3s

Q47. The value of $(ax/ay)x+y(ay/az)y+z(az/ax)z+x$ is

a. 0
b. 1/y
c. 1
d. 1/xyz

e. None of these

Q48. .If x = (√126 × √63 × √45) / (√147 × √243), then the value of x is

a. √5
b. √10
c. 10
d. 5
e. 2

Q49.).The value of question mark (?) in 3/4th of 3/5th of 2/3rd of ? = 3174 is

a. 10550
b. 10540
c. 10580
d. 1050
e. None of these

Q50. The value of 1 + 1/ {1+1/[1+1/(1+1/(1+2/3))]} is

a. 21/13
b. 17/3
c. 34/21
d. 8/5
e. None of these

Solution

Q1. Option b

? = 47 × 563 / 23 × 112
= 26461 / 2576
= 10.
Q2. Option A

34.92÷7+?=217.02?=217.02-35×357=217-175=42?=42×42=1764≈1765

Q3. Correct Answer is: 1770

? – 623.68 = 33% of 3400 + 13% of 170
= 33 × 3400 / 100 + 13 × 170 / 100
?= 1144.1 + 623.68 = 1144 + 624
= 1768
= 1770

Q4. Correct Answer is: 24
6832 ÷ 58 × ? – 1624.64 = 1064.28

= 117.79 × ? – 1625 = 1064
= 118 × ? = 1064 + 1625 = 2689
? = 2689/118 = 22.78
= 24.

Q5. Correct Answer is: 63

24% of 650 – ?% 123.68 = 78.2
24 × 650 / 100 – ? × 124 / 100 = 78
156 – 78 = ? × 124 / 100
? × 124 / 100 = 78
? = 78 × 100 / 124 = 62.90
= 63.
Q6. Option B
. ? = 11.25 × 135 /100 + 8.72 × 463/100
= 15.1875 + 40.3 = 55
Q7 Option D
? = 4830/√2314× 23 = 4830 /48 × 23
= 100.625 × 23
= 2314
= 2315

Q8 Option D
? = 27 × 169 + 5317
= 4563 + 5317
= 9880
Q9. Option B
? = 1527 × 0.3 + 38 × 380/100 + 49 × 0.490
= 458.1 + 144.4 + 24.01
= 458 + 144 + 24
= 626= 627
Q10. Option C
?=327 + 617 - 217 + 1323=3+6+13-2+27+17-17+23=20+6+3-3+1421=20+2021=21

Q11 Option A
? = 14198/1547
= 9.17
= 9

Q12. Option E
? = (63.5 × 8924.19)/100 +(22 × 5324.42)/100
= 63.5 × 89 + 22 × 53
= 5651 + 1166

= 6817
Q13. Option C
? – 32.630 = 27 × 164 + 3739 = 4428 + 3739
or, ? = 8167+ 33 = 8200

Q14. Option E
134 × 3894 /100 + 38.94 × 134/100
= 134 × 3900/100 + 39 × 134/100
= 5226 + 52
= 5278 = 5280

Q15. Option A
(8471 × 1.65%) – (9326 × 0.61%)
= 85 × 1.6 – 93 × 0.6
= 136 – 55.8
= 80.2
= 80
Q16. Option B

60/100 × [2920/13 + 10375/18]
= 60/100 × (225 + 575)
= 60 × 800/100
= 480

Q17. Option D
25% of 84 × 24% of 85 = ?
21 × 20.4 = ?
428.4 = ?

Q18.Option E
7365 + 29.16 + √? = 7437.16
√? = 7437.16 – 7394.16
√? = 43
? = 1849

Q19.Option A
64 × 16/256 = 4^(? - 3)
4 = 4^(? – 3)
1 = ? – 3
? = 4
Q20. Option C

25 × 124 + 389 × 15
= 3100 + 5835
= 8935

Q21. Option C
.? = 6242 × 83/100 × 225 × 12/100
= 139883.22

Q22. Option E
2^0.2 ×2^6 × (2^3)^1.3 × (2^2)^0.2 = (2^3)^?
= (2)^(0.2+ 6 + 3.9 + 0.4) = 2^(3 × ?)
3 × ? = 10.5
? = 10.5/3
? = 3.5

Q23. Option D
? = (73)^3 = (70 + 3)^3 = (70)^3 + (3)^3 + 3(70)^2 (3) + 3(70)(3)^2
= 343000 + 27 + 44100 + 1890
= 389017

Q24.Option D
? = 9/8 + 13/7 + 18/5
= (315 + 520 + 1008)/280
= 1843/280
= 6 163/280

Q25. Option A
?/25 × 12 = 248.76
? = 25 × 12 × 248.76
? = 74628

Q26. Option C
$(36.01)^3$ x $(4096)^{1/2}$ × 37.99^2 ÷ (9^3 x 75.98^2) = $4^?$
Or, $4^?$ = [36^3 x √4096 x 38^2] / 9^3 × 76^2
or, (4^3 x 9^3 x 4^3 x 38 x 38) / (9^3 x 76 × 76)
= (4^3 ×4^3) / (2×2)
Or, $4^?$ = 4^3 × 4^2 = 4^5
? = 5

Q27. Option D
(4809.01 + 9615.96 + 14425.03) ÷ 4.98 + 6.02 = (?)

Or, $(?)^2$ = [(4809 + 9616 + 14425) / 5] +6
= (28850/5) + 6 = 5770 + 6
Or, $?^2$ = 5776
? = √5776 = 76

Q28 Option B
(35% of 74000) ÷ ? = (123% of 13.02)^2 x 2.01
Or, (35×74000)/ 100 ÷ ? = [(123×13) / 100]^2 x 2
or, 25900 / ? = (15.99)^2 × 2
or, (25900/?) = 16×16×2
?= 25900 / (16×16×2) = 50.58 = 50

Q29 Option A
4/15 of 393 + 7/12 of 473
= ? x (1.99 + 1.01)
or, ? x 3 = (4/15) x 393 + (7/12) x 480
or, ? x 3 = (4/15) x390 + (7/12) x 480
or, ? x 3 = 104 + 280
or, ? = 384/3 = 128 = 127

Q30. Option C
√2809.001 ÷ 7.98 x (12.01)^2 + 46.002 = ?
or, ? = √2809 ÷ 8 x (12)^2 + 46
or, ? = (53/8) x (12)^2 + 46
or, ? = 954 + 46
? = 1000

Q31. Option C
18% of 256 + 35% of 290 – 15% of 385=?
Or, ? = 18/100 × 260 + 35/100 × 300 – 15/100 × 400
= 46.8 + 105 – 60 = 151.8 – 60 = 91.8 = 90

Q32. Option D
√4090 = 4096 = 64
$\sqrt[3]{}$12163 = $\sqrt[3]{}$12167 = 23
$?^2$ = √4090 × $\sqrt[3]{}$12163 + 49
= 64 × 23 + 49
= 1472 + 49 = 1521 = $(39)^2$
?=39

Q33 Option A
847 +934 –358 – ? = 629560r, ?=8+9-3-6+47 +34 –58 –2956=8+32 + 42 – 35 – 2956=8+1056=8

Q34. Option C
94210863 × 328 –57 +75 = ?

Or, ? =942 ×63108 × 328 –57 +75

= 41+57 –75 = 40

Q35. Option D
1623× 453931526– 3413=? ? =503 ×45399326 –4313=2501393-8626=25013 ×267 =5007 = 71

Q36. Option E
?=135×342100-342×13.5100=461.7- 46.17=415.33

Q37.Option C
13.3225 =3.65

Q38 Option D
?×12800100=1008+2448=3456?=3456128=27

Q39 Option C
?=185×1360100+18.5×1320100 =2516+244.2=2760.2≈2760

Q40.Option B
?=54755=745=14.8≈15

Q41. Option E
118.07 × 13.49 + 169.8% of 784 =?
=118×13.5+170100×784=1593+1333≈2930

Q42. Option A?≈43×28+12×35

=1204+420=1624≈1625

Q43. Option 4
=8.662×13.9850=74.99×13.98÷7.07?=75×147=150

Q44. Option D
0.03125-25= 3125100000-25=100000312525=1055×25=(2)2=4

Q45. Option A
18 + 50 – 32 = 2 × 3 × 3 – 2 × 5 × 5 – 2 × 2 × 2 × 2 × 2=32+52-42=82-42=42Q46
Option B

xa-bcxb-caxc-ab= xac-bcxba-caxcb-ab=xac-bc+ba-ca+cb-ab=x0=1Q47 option C

(ax/ay)x+y(ay/az)y+z(az/ax)z+x

=(ax-y)x+y(ay-z)y+z(az-x)z+x
=ax2-y2ay2-z2az2-x2

=ax2-y2+y2+z2+z2-x2

=a0=1

Q48 Option B
x = (126 × 63 × 45) / (147 × 243)

=(2×3×3×73×3×73×3×5)/(3×7×73×3×3×3×3

=(2×3×3×7×3×3×7×3×3×5)/3×7×7×3×3×3×3×3
=3×3×3×710/(3×3×3×7) = 10

Q49. Option C
3/4th of 3/5th of 2/3rd of ? = 3174 ?=(3174×4×5×3)/(3×3×2)=10580

Q50. Option C
1 + 1/{1+1/[1+1/(1+1/(1+2/3))]}

=1 + 1/ {1+1/[1+1/(1+3/5)]}

=1 + 1/ {1+1/[1+5/8]}
=1 + 1/ {1+1/[1+5/8]}
=1 + 1/{1+8/3}
=1+(13/21) =34/21

Simplification Questions

1.138of1532 of0.45% of 7268=?a) 23.27b) 24.57c) 25.12d) 26.87

2.1036 × 0.75 + 1128 × 0.25× 3.5 = ?a) 3216.2b)3472.3c) 3564.6d) 3706.5

3. ?=78×148÷ 481 a) 484b) 529c) 576d) 625

4.5546 ÷ 47 + 4984 × 0.25÷ 11 = ?a) 124b) 127c) 130d) 132

5. 625×558×111114÷627a) 63.5b) 64.5c) 65.5d) 67.5

6.16 of92% of 1123 of650=85+?a) 18b) 21c) 19d) 28

7. 92×576÷21296= ?3+49a) 3b) 92c) 9d) 27

8. 314+212-156=?210+1512a) 25b) 5c) 625d) 5

9.8812+912=?3+8-340a) 7b) 19c) 18d) 9

10. 15×0.4041080÷30427×84=3×2?+5a) 8b) 3c) 12d) 16

11. 1664 × 1.75 + 1008 × 1.25 - 1220 × 0.65 = ? a) 3147b) 3287c) 3379d) 3432

12. ?% of999÷0.9=166.5a) 12b) 15c) 18d) 21

13. 157.82-117.22×0.008=?a) 89.32b) 92.34c) 94.86d) 96.12

14. 82992÷?=76×42a) 22b) 24c) 26d) 28

15. 4862272×15÷12=?a) 365b) 375c) 385d) 405

16. 2197-228651-3=169×13?a) 2b) 3c) 4d) 5

17.712of521of123of 48% of 28980=?a) 84b) 96c) 102d) 112

18.14641÷11×3.5=?a) 4325.5b) 4472.5c) 4578.5d) 4658.5

19. 284.970.120.272.52-5=28?a) 3.5b) 7.5c) 4.5d) 6.5

20.28.5% of 144× 25 = ? × 6a) 171 b) 172c) 173d) 174

21. 87.25121.640961.232768-1=8? a) 2.4b) 2.6c) 2.8d) 3

22. 45.5% of 960 + 13.5% of 320 = ?% of 3000 a) 8b) 12c) 16d) 20

23.1382423 ÷ 16× 7.5 = ?a) 220b) 250c) 270d) 300

24. {63.636-4.2}14=? a) 41616b) 43624c) 44944d) 46656

25. 31216724025=?a) 3255b) 3297c) 3565d) 3611

26. 4950÷6+112×1.75= ? ×2a) 495.5b) 510.5c) 530d) 560.5

27. 3166.375=?a) 11.5b) 8.5c) 6.5d) 5.5

28. 84.25 × l44 - 512 × 7 = ? % of 1068.5a) 620b) 840c) 780d) 750

29. 4096+13456=75× ?a) 2.4b) 3.8c) 4.2d) 5.5

30. 157% of 360 + 66% of 275 = 30% of ?a) 2210b) 2348c) 2489d) 2520

31. 3024 ÷ 18912 + 684 ÷ 192= ?2 + 459a)-27b)-29c) 31d) 841

32. 4.4 time of516of 30% of 216=?a) 81.9b) 83.7c) 87.3d) 89.1

33.0.0729 ÷ 0.13 ÷ 0.081 × 105 × 0.3 × 35= .9?+3a) 1b) 2c) 4d) 7

34. ?% of 1764 × 5=149.8 -112a) 18b) 18c) 324d) 24

35. 272 × 6 ÷ 9 + 73 + 71 =?3 - 431 a) 11b) 133c) 13d) 112

36. 321 × 9 ÷ 0.8 = ? × 11.25 a)103037b) 103039c) 103041d) 103043

37. 78.54 ÷ 0.03 + 22.8 ÷ 0.8 - 1470 × 1.25 = ?

a) 809
b) 807.5
c) 805
d) 802.5

38. 44% of 475 + 72% of 55 = 12.5% of ?a) 1978.6b) 1982.5c) 1988.8d) 1990

39. 3712343-12372=37?a) 3b) 7c) 9d)-2

40. 858×3323+715×429=?a) 5125b) 5727c) 5325d) 5527

41. 29585+23100=?a) 18b) 20c) 16d) 22

42. 48.5% of 7842 + ? % of 1318 = 4515a) 42b) 48c) 54d) 57

43. 118.257 × 289.92 + 43.54 × 171.37 = ?a) 41500b) 41700c) 41900d) 42100

44. 3226980=?

a) 59b) 61c) 63d) 65

45. 8847256 ÷ 4446 = ?a) 1930b) 1950c) 1970d) 1990

46. 252?=?63 a) 124b) 126c) 128d) 130

47. 37 of 504 ÷12+17=?a) 1225b) 1230c) 1235d) 1220

48. 82+4×3.75 -16 = ?a) 6361b) 6461c) 6561d) 6661

49. 5273×81÷1315=9?a) 1b) 2c) 3d) 4

50. 7.85% of 1240 + 3.6% of 850 = 20% of ?a) 633.5b) 635.8c) 637.4d) 639.7

Solutions

Q1. Option B?=13 ×15 ×0.45 ×71688×32×100=24.57

Q2. Option D?=1036 × 0.75 + 1128 × 0.25× 3.5 =777 + 282× 3.5=1059 × 3.5= 3706.5

Q3. Option C?=78 ×148481=24?=242=576Q4. Option A?=554647+49844÷11?=118+1246÷11=136411=124

Q5. Option D?=325458165147144=1352=67.5

Q6. Option C650×24239210016=85+?or, ?=104-85=19Q7. Option C92×576÷21296=?3+49or,92×57672=?3+7or, 736-7=?3or, 3729=9

Q8. Option D3+2-1-1+14+12-56-512=?210=>3+3+6-10-512=?210=>3+612=?210=>3-12=?210or ?2=52×10=25?=5

Q9. Option A8812+912=?3+8-340812+3= ?3+812-340or ?3=340+3?3=343=7

Q10. Option B15×0.4041080÷30427×84=3×2?+5or,6436433234=3×2?+5or,3×243 2 83×2 12=3×2?+5or,3×24-8+12= 3×2?+5or, ?+5=8or, ?=3 Q11. Option C1664 × 1.75 + 1008 × 1.25 - 1220 × 0.65=??=2912+1260-793=3379 Q12. Option B?×999100=166.5×0.9?=14985999=15 Q13. Option A? = {(157.8 + 117.2) (157.8 - 117.2)} × 0.008

$$? = (275 \times 40.6) \times 0.008 = 11165 \times 0.008$$

$$= 89.32$$

Q14. Option C?=8299276×42=26

Q15. Option D?=486×48627×27 ×15÷12?=324×1512=405

Q16. Option C133-2134-3=13 -613-12=13-6+12=136=169×134?=4

Q17. Option A
?= 7×5×48×2898012×21×23×100=84

Q18. Option D
?=1464111×3.5=1331 ×3.5=4658.5

Q19. Option B

284.970.140.1÷(7-2.54-2.5284.9280.128-2.5=284.5+0.1+2.5∴ ?=7.5Q20. Option A

6×?=28.5×144100×25=41.04×25=1026∴?=10266=171Q21. Option B87.2(83)1.6(84)-1.285-1=87.284.88-4.88-5=87.2-4.8-4.8+5=82.6 Q22.Option C300×?100=45.5×9.6×13.5×3.2 =436.8+43.2=480∴?=480×1003000=16

Q23. Option C
?=24323÷16×7.5 =242÷16 ×7.5=36×7.5=270Q24. Option D?=63.6(62)-4.214=63.668.414=(63.6+8.4)14∴?=61214=63=216?=2162=46656Q25. Option C?=31216724025 =23×155=3565

Q26. Option B
?=1249506+112×1.75 =12825+196=1021=510.5Q27. Option D3166.375=5.5

Q28. Option D
?×1068.5100=12132-3584∴?=8548×10019684=800

Q29. Option A

75×?=64+116=180∴?=18075=2.4

Q30. Option C
30×?100=157×360100+66×27510030×?=56520+18150=74670∴?=7467030=2789

Q31. Option B
1612+362= ?2+459?2=4+1296-459=841?= ±29

Q32. Option D

4.4×51630100×216=4.4×516×64.8=89.1

Q33. Option A
0.72930.8150.95=0.9?+30.9330.9250.95=0.9?+30.990.9100.95=0.9?+30.99-
10+5=0.9?+3∴?=1

Q34. Option D
?100of 42×5=37.8?10 of 42×5=37.84.2?×5=37.821?=37.8?=1.8?=3.24

Q35. Option A
729×6÷9+343+71+431= ?3486+343+71+431= ?3?3=1331=113∴?=11Q36.Option C?=321×90.8×11.25=321?=3212=103041Q37. Option A?=2618+28.5-1837.5=809

Q38. Option C
12.5×?100=44×475
100+72×55100=209+39.6=248.6∴?=2486012.5=1988.8Q39.Option B7167-
32723=716+32+23=773373∴?=7

Q40. Option D
?=6987223+365389=27+1525=135+1525=2875=5725

Q41. Option A
172+152= 324=8Q42.

Option C
1320×?100=4515-48.5×7840100=4515-
3800=715∴?=715001320=54.16≈54Q43.Option
B?≈118.25×290+43.5×17034292.5+739541687.5≈41700Q44. Option B?=
3226980≈61Q45. Option D?≈88472564446=1989.936≈1990Q46.Option B

?2=252×63=9×7×4×7×9=2×7×92∴?=2×7×9=126Q47. Option
A18+17=35?=352=1225Q48. Option C?=82+15-16=81∴?=812=6561Q49. Option
C2735343-15395+4+15=36=93?=3

Q50. Option D
20×?100=7.85×1240100+3.6×850100=97.34+30.6=127.94∴?=1279420=639.7

Approximation Questions

1. $95^{3.7}$ $95^{0.9989}$ = $95^{?}$

(1) 1.9 (2) 3 (3) 2.99 (4) 3.6 (5) 2.7

2. 10000+3.0014.987of 1891.992= ?

(1) 2500 (2) 1230 (3) 1640 (4) 1525 (5) 2130

3. 0.0004 0.0001 × 36.000009 = ?

(1) 0.10 (2) 1.45 (3) 145 (4) 14.5 (5) 1450

4. 137% of 12345 = ?

(1) 17000 (2) 15000 (3) 1500 (4) 14300 (5) 6300

5. 3739 + 164 × 27 = ?

(1) 102400 (2) 4000 (3) 8200 (4) 690 (5) 6300

6. 447.75 28 × 4.99 = ?

(1) 60 (2) 70 (3) 72 (4) 80 (5) 75

7. $(3.5)^2 \times 19.25 + ? = 275$

(1) 15 (2) 20 (3) 30 (4) 28 (5) 40

8. 85% *of* $225 + 32.91 \times 5.01 = ?$

(1) 340 (2) 355 (3) 375 (4) 345 (5) 370

9. $(15.96)^2 + 75\%$ *of* $285 = ?$

(1) 435 (2) 485 (3) 440 (4) 420 (5) 470

10. 1679 14.95 × 5.02 = ?

(1) 540 (2) 525 (3) 545 (4) 565 (5) 520

11. $63.9872 \times 9449.8780\ \ 243.0034 = (?)^2$

(1) 2489 (2) 2500 (3) 50 (4) 45 (5) 150

12. 5237.897 - 6629.010 + 7153.999 - 2205.102 = ?

(1) 6340 (2) 4688 (3) 5240 (4) 3558 (5) 6290

13. 4985.0346 215.987 - 3768.112 206.868 = ?
(1) 8 (2) 5 (3)18 (4)11 (5) 15
14. 956240=?

(1) 979 (2) 864 (3) 1009 (4) 647 (5) 783

15. 459% of 849.947 + 266% of 6284.012 - 1486.002 = ?

(1) 20330 *(2) 12640* *(3)15000* *(4) 22160* *(5) 19130*

16. 6,23,898 × 99 = ? × 60,000

(1) 1000 *(2) 1030* *(3) 1050* *(4) 1065* *(5) 1010*

17. 45376759= ?

1. 917 *(2)* 2049 *(3)*1825 *(4)* 12 *(5)* 47

18. $(399.98)^2$ = ?

(1) 160000 *(2) 15999* *(3) 1600* *(4) 1599* *(5) 16000*

19. 624.9995+4.99892= ? ÷14.9900865

(1) 6 *(2) 50* *(3) 10* *(4) 125* *(5) 15*

20. 989.001 + 1.00982 × 76.792 = ?

(1) 1000 *(2) 1100* *(3) 1065* *(4) 110* *(5) 100*

21. 374925×3719= ?

(1) 341 *(2) 283* *(3) 274* *(4) 301* *(5) 288*

22. 0.008 + 6.009 0.72 = ?

(1) 21 *(2) 6* *(3) 12* *(4) 8* *(5) 18*

23. (3795657×7)÷(3.8 × 5.5) = ?

(1) 48 (2) 22 (3) 43 (4) 26 (5) 31

24. $98 \times 785\ 2852 = ?$

(1) 0.3 (2) 1.8 (3) 2.2 (4) 0.9 (5) 0.08

25. $7490.56 + 14.38 = ?$

(1) 30 (2) 35 (3) 42 (4) 25 (5) 45

26. $459.008 + 3.0056 \times 88.862 = ?$

(1) 738 (2) 725 (3) 695 (4) 752 (5) 666

27. $(621.52)^2 = ?$

(1) 386300 (2) 379300 (3) 398300 (4) 365300 (5) 356300

28. $561204 \times 58 = ? \times 55555$

(1) 606 (2) 646 (3) 556 (4) 716 (5) 586

29. (444% of 531) 972 = ?

(1) 4.5 (2) 0.5 (3) 2.5 (4) 8.5 (5) 6.5

30. (9321 + 5406 + 1001) (498 + 929 + 660) =?

(1) 13.5 (2) 4.5 (3) 16.5 (4) 7.5 (5) 10.5

31. $(11.49)^4 = ?$

(1) 15544 (2) 16729 (3) 17430 (4) 18443 (5) 19031

32. (2198 - 1347 - 403) (159 - 113 - 27) = ?

(1) 15 (2) 24 (3) 37 (4) 49 (5) 53

33. (825 % of 330) 507 = ?

(1) 51 (2) 11 (3) 17 (4) 23 (5) 27

34. 888888 ×1.486= ?

(1) 1200 (2) 1000 (3) 1600 (4) 1400 (5) 800

35. 564.666 + 82.5091 × 44.581 - 34.111 = ?

(1) 28450 (2) 4000 (3) 1600 (4) 14225 (5) 4210

36. (47% of 1442 - 36% of 1412) ÷ 63 = ?

(1) 4 (2) 5 (3) 3 (4) 6 (5) 1

37. 7921 - 2070.25 ×14= ?

(1) 11 (2) 14 (3) 15 (4) 9 (5) 13

38. (341789 + 265108) ÷ (8936 - 3578) = ?

(1) 150 (2) 113 (3) 135 (4) 100 (5) 125

39. 29% of 725 = 60% of 315 + ?

(1) 28 (2) 30 (3) 15 (4) 18 (5) 21

40. 1595 25 × 36.5 = ?

(1) 2459 (2) 2329 (3) 2359 (4) 2429 (5) 2349

41. 63251 × 82 = ? × 42105

(1) 101 (2) 123 (3) 147 (4) 165 (5) 189

42. 42111=?

(1) 240 (2) 270 (3) 330 (4) 290 (5) 310

43. $(54.78)^2$ *= ?*

(1) 3000 (2) 3300 (3) 3500 (4) 3700 (5) 3900

44. (7171 + 3854 + 1195) (892 + 214 + 543) = ?

(1) 13 (2) 18 (3) 3 (4) 26 (5) 7

45. (562% of 816) + 1449 = ?

(1) 4145 (2) 5675 (3) 6035 (4) 7325 (5) 8885

46. 888888 88 8 = ?

(1) 80800 (2) 1047 (3) 1263 (4) 70600 (5) 1526

47. 193.999 + 228.008 + ? + 422.005 = 1168.01

(1) 226 (2) 484 (3) 168 (4) 196 (5) 324

48. 27.8 × 28.74 × 17.3 = ?

(1) 13822 (2) 12546 (3) 10228 (4) 15183 (5) 14995

49. 157×61213×589= ?

(1) 110 (2) 70 (3) 30 (4) 20 (5) 50

50. 16.8% of 222 × 12.1% of 923 = ?

(1) 3325 (2) 5085 (3) 2925 (4) 4165 (5) 6245

Solutions

Q1. Option (5)
$95^{?} = 95^{3.7}$ 950.9989 $95^{?}$ = 953.7-0.9989=952.7011? ≈2.7

Q2. Option (2)
?≈10000+35×1892=100+1135.2=1235.2≈1230

Q3. Option (3)
?≈0.00040.0001×36 =4×36=144≈145

Q4. Option (1)
?=12345×137100=16912.65≈17000

Q5. Option(3)

? = 3739 + 164 × 27
= 3739 + 4428
= 8167 8200

Q6. Option(4)
Taking approximate integral values we have,
? ≈448 ÷ 28 × 544828×5=80

Q7. Option(3)
$(3.5)^2$ + 19.95 + ? = 275
12.25 × 19.95 + ? = 275
? = 275 - 235.81
= 39.18 ≈ 40

Q8. Option(2)
? = 85% of 225 + 32.91 × 5.01
85% of 225 + 33 × 5
85×225100+33×5=191.25 + 165=356.25≈355

Q9. Option (5)
? = $(15.96)^2$ + 75% of 285
162+75×285100= 256 + 213.75

≈469.75=470

Q10. Option(4)

? = 1679 14.95 × 5.02
≈1680÷15×5168015×5=560≈565

Q11. Option (3)
(?)^2 = 63.9872 × 9449. 8780 243.0034
Taking approximate integral values,
(?) = 64 × 9450 240
64×9450240=2520≈2500

?= 2500=50

Q12. Option (4)

? = 5237.897 - 6629.010 + 7153.999 - 2205.102
5238 - 6629 + 7154 – 2205
(5238 + 7154) - (6629 + 2205)
12392 - 8834 = 3558

Q13. Option (2)
? = 4985.0346 215.987 - 3768.112 206.868
≈4985 ÷216-3768 ÷207
= 23.078 – 18.202
= 4.876 5

Q14. Option (1)
956240≈977.8≈979

Q15. Option (5)
? = 459% of 849.947 + 266% of 6284.012 - 1486.002
460×850100+260×6280100-1486=3910 + 16328 - 1486 = 18752

This can be treated approximate to 19130.

Q16. Option(2)
?=623898 × 9960000=1029.43≈1030

Q17. Option (3)
?=43376759=45377695=1825

18. Option (1)
$(399.98)^2$ = ?
4002=160000

Q19. Option (3)
624.9995+4.99892

Taking approximate values,
625+52≈ ? ÷1525+25≈ ? ×5?=505=10

Q20. Option (3)
989.001 + 1.00982 × 76.792 = ?

?≈ 989 + 1 × 77
= 989 + 77= 1066 ≈ 1065

Q21. Option (2)
?=374925×3719≈283

Q22. Option (3)
? = 0.008 + 6.009 0.72
= 0.008 + 6.0090.7×0.7
= 0.008 + 12.26 = 12.27 ≈ 12

Q23. Option(5)
?≈92×73.8×5.5=644÷20.9=30.81≈31395657≈92

Hence, we can choose 31 as our answer.

Q24. Option (4)

?=98×785285×285=0.94≈0.9

Q25. Option (1)

? = 749×0.56+14.38≈27×0.6+ 14.38 0.56≈0.6≈16.2+14.38≈30.58 ≈30

Q26. Option (2)
? ≈459+3 × 89459.008 ≈ 459, 88.862 ≈ 89≈ 459 + 267 = 726 ≈725

Q27. Option(1)
*? = (621.52)*²
≈622×622=386884≈386300

We have taken 622 > 621.52 here.
Required answer = 386300.

Q28. Option(5)
561204 × 58 = ? × 55555
? = 561204×5855555=585.90≈586

Q29. Option(3)
? = 531×444100÷9722357.64 ÷972=2.42≈2.5

Q30. Option(4)
? = (9321 + 5406 + 1001) (498 + 929 + 660)
= 5728 2087 = 7.53 ≈7.5

Q31. Option (3)
? = (11.49)² = 17429.30 17430

Q32. Option(2)
?=2198-1347-403159-113-27=44819=23.58≈24

Q33. Option (1)
?=330×825100÷507=2722.50507=5.369≈5

Q34. Option(4)
?=888888×1.486 ≈943×1.5=1414.5

Nearest answer = 1400

Q35. Option(5)
? = 564.666 + 82.5091 × 44.581 - 34.111
≈565 + 82.5 × 45 - 34=565 + 3712.5 - 34

=4243.5

Approximate answer = 4210

Q36. Option(3)
?=1442×47100-1412×36100÷63=677.74-508.32÷63=169.4263=2.689≈3

Q37. Option(1)
?=7921- 2070.2514=89-45.514=43.54=10.875≈11

Q38. Option(2)
? = (341789 + 265108) (8936 - 3578)
= 606897 5358 = 113.27 113

Q39. Option(5)

725×29100=315×60100+?

=>210.25=189+?=> ?=210.25-189=21.25≈21

Q40. Option (2)
? = 1595 25 × 36.5
=159525×36.5= *2328.7 ≈ 2329*

Q41. Option (2)
63251 × 82 = ? × 42105
?=63251×8242105=123.182≈123

Q42. Option (4)
?= 8411184100=290Q43. Option (1)

54.782552=3025

Approximate answer = 3000

Q44. Option (5)
? = (7171 + 3854 + 1195) (892 + 214 + 543)
= 12220 1649 = 7.41 ≈ 7

Q45. Option (3)
?=816×562100+1449== 4585.92 + 1449 = 6034.92 ≈6035

Q46. Option (3)
?=88888888×8=1262.625≈1263

Q47. Option(5)
193.999 + 228.008 + ? + 422.005 = 1168.01
≈194 + 228 + ? + 422≈1168 844+?≈1168?≈1168-844=324

Q48. Option (1)
?= 27.8 × 28.74 × 17.3=13822.2156≈13822

Q49. Option(2)
?=1279013539=69.89≈70

Q50. Option (4)
?=222×17100×923×12100=4180.08≈4165

Approximation Questions

Q51. (4576 + 3286 + 5639) ÷ (712 + 415 + 212) = ?

1) 18 (2) 22 (3) 34 (4) 10 (5) 46

Q52. 675.456 + 12.492 × 55.671 = ?

(1) 971 (2) 1071 (3) 1171 (4) 1271 (5) 1371

Q53. $(447.2)^2$ = ?

(1) 200000 (2) 210000 (3) 220000 (4) 230000 (5) 240000

Q54. 4374562 × 64 = ? × 7777

(1) 360 (2) 3600 (3) 36000 (4) 360000 (5) 3600000

Q55. (872% of 659) ÷ 543 = ?

(1) 17 (2) 11 (3) 21 (4) 27 (5) 31

Q56. 31500=?

(1) 11 (2) 6 (3) 15 (4) 19 (5) 44

Q57. 135×217×713= ?

(1) 17 (2) 13 (3) 9 (4) 29 (5) 25

Q58. 18.999 × 12.005 × 25.998 = ?

(1) 4860 (2) 6470 (3) 3320 (4) 5930 (5) 4590

Q59. 11.5% of 666 × 18.3% of 888 = ?

(1) 15608 (2) 12446 (3) 10520 (4) 18338 (5) 11542

Q60. 2898 22 2 = ?

(1) 278 (2) 52 (3) 66 (4) 43 (5) 263

Q61. 175 × 28 + 275 × 27.98 = ?

(1) 11800 (2) 12600 (3) 12800 (4) 11600 (5) 12200

Q62. 324.995 × 15.98 4.002 + 36.88 = ?

(1) 1300 (2) 1230 (3) 1440 (4) 1380 (5) 1340

Q63. 1164 × 128 8.008 + 969.007 = ?

(1) 18800 (2) 19000 (3) 19600 (4) 19200 (5) 18600

Q64. 624.98+ 729.25= ?

(1) 58 (2) 56 (3) 52 (4) 63 (5) 61

Q65. 69.008% of 699.998 + 32.99% of 399.999 = ?

(1) 615 (2) 645 (3) 675 (4) 715 (5) 725

Q66. 7999.99 + 72 × 49.99 = ?

(1) 12000 (2) 12600 (3) 12500 (4) 11600 (5) 11000

Q67. $(25.01)^2 - (15.99)^2 = ?$

(1) 361 (2) 381 (3) 369 (4) 375 (5) 356

Q68. 380 × 12.25 - 365 15 = ?

(1) 4500 (2) 4550 (3) 4800 (4) 4850 (5) 4630

Q69. 180% of 25501 + 50% of 28999 = ?

(1) 62400 (2) 64000 (3) 60400 (4) 64200 (5) 61600

Q70. 171.995 × 14.995 25 = ?

(1) 105 (2) 115 (3) 110 (4) 125 (5) 120

Q71. 1580.05 × 23.98 = ?

(1) 36900 (2) 36800 (3) 37500 (4) 37900 (5) 37200

Q72. 77.077 7.07 × 6.08 = ?

(1) 57 (2) 46 (3) 48 (4) 77 (5) 66

Q73. $(16.01)^2 - (8.99)^2 = ?$

(1) 175 (2) 180 (3) 170 (4) 165 (5) 185

Q74. 171% of 399 = ?

(1) 740 (2) 720 (3) 680 (4) 640 (5) 620

Q75. 224785= ?

(1) 400 (2) 420 (3) 440 (4) 405 (5) 435

Q76. 23.999 × 9.004 × 16.997 = ?

(1) 3200 (2) 4100 (3) 2700 (4) 3700 (5) 4500

Q77. 579×845×923=?

(1) 490 (2) 590 (3) 540 (4) 460 (5) 520

Q78. 5940 28 6 = ?

(1) 40 (2) 35 (3) 46 (4) 52 (5) 27

Q79. 15.5% of 850 + 24.8% of 650 = ?

(1) 295 (2) 330 (3) 270 (4) 375 (5) 220

Q80. 2230=?

(1) 54 (2) 59 (3) 41 (4) 37 5) 47

Q81. 15.5% of 323 - 20.8% of 198 = ?

(1) 12 (2) 5 (3) 15 (4) 3 (5) 90

Q82. 3058 27 × 3 = ?

(1) 360 (2) 348 (3) 340 (4) 330 (5) 321

Q83. $(3.58)^2 \times (1.75)^2 = ?$

(1) 25 (2) 40 (3) 30 (4) 35 (5) 50

Q84. 513836= ?

(1) 21 (2) 6 (3) 12 (4) 18 (5) 26

Q85. 37.5 × 34.9 2.75 = ?

(1) 476 (2) 491 (3) 464 (4) 453 (5) 486

Q86. 18% of 609 + 27.5% of 450 = ?

(1) 220 (2) 233 (3) 267 (4) 248 (5) 274

Q87. 3942÷64÷3=?

(1) 29 (2) 32 (3) 21 (4) 17 (5) 11

Q88. 2310×467×712= ?

(1) 68 (2) 72 (3) 93 (4) 84 (5) 101

Q89. 12.564 × 22.009 × 17.932 = ?

(1) 4901 (2) 4895 (3) 4800 (4) 4959 (5) 4350

Q90. 16.978 + 27.007 + 36.984 - 12.969 - 9.003 = ?

(1) 72 (2) 42 (2) 60 (4) 51 (5) 65

Q91. 8399.999 375.002 × 14.996 = ?

(1) 565 (2) 225 (3) 335 (4) 625 (5) 455

Q92. ?=37.0005

(1) 1150 (2) 1220 (3) 1570 (4) 1480 (5) 1370

Q93. 14.998% of 619.999 = ?

(1) 95 (2) 80 (3) 115 (4) 105 (5) 75

Q94. 11.003 × 19.998 × 9.010 = ?

(1) 1710 (2) 1680 (3) 1800 (4) 1980 (5) 1750

Q95. 1088.88 + 1800.08 + 1880.80 = ?

(1) 3950 (2) 4770 (3) 4620 (4) 5040 (5) 6810

Q96. 1548.45 + 3065.15 15.058 = ?

(1) 1700 (2) 1650 (3) 1840 (4) 1750 (5) 1950

Q97. 625 *of 248.65 = ? of 2398.59*

(1) 25 *(2)* 14 *(3)* 12 *(4)* 13 *(5)* 23

Q98. 39% of 695 = 10% of ?

(1) 2800 (2) 2400 (3) 3200 (4) 31000 (5) 2500

Q99. 62 *+ 14.275 = ? of 196.35*

(1) 13 *(2)* 14 *(3)* 18 *(4)* 15 *(5)* 12

Q100. 1524.79 × 19.92 + 495.26 = ?

(1) 33,000 (2) 78,535 (3) 31,000 (4) 26,575 (5) 34,000

Solutions

Q51. Option (4)

? = (4576 + 3286 + 5639) (712 + 415 + 212)
= 13501 1339 = 10.08 10

Q52. Option (5)

? = 675.456 + 12.492 × 55.671
675 + 12.5 × 56
= 675 + 700 1375 1371

Q53. Option (1)
? (447)2 = 199809 200000

Q54. Option (3)

? = $4374562 \times 647777 = 35999.99 \approx 36000$

Q55. Option (2)

? = $659 \times 872100 \div 543 = 10.58 \approx 11$

Q56. Option (1)
? = $31500 \approx 11.4$

Q57. Option (5)
?= $85157223 = 25.142 \approx 25$

Q58. Option (4)
? = 18.999 × 12.005 × 25.998
19 × 12 × 26 5928 ≈ 5930

Q59. Option (2)
?= $666 \times 11.5100 \times 888 \times 18.3100 = 12446.18 \approx 12446$

Q60. Option(3)
?= $289822 \times 2 = 65.863 \approx 66$

Q61. Option (2)
? = 175 × 28 + 275 × 27.98
175 × 28 + 275 × 28
= 28 (175 + 275)
= 28 × 450 = 12600

Q62. Option (5)
? $\approx 325 \times 16 \div 4 + 37$
$= 325 \times 164 + 37$
= 1300 + 37 = 1337 1340

Q63. Option (3)
? = 1164 × 128 8.008 + 969.007

1164×1288+969

= 18624 + 969 = 19593 19600

Q64. Option (3)
? = 624.98+729.25
625+729=25+27=52Q65.

Option (1)
? ≈700×69100+400×33100=483+132=615

Q66. Option(4)
8000 + 72 × 50
= 8000 + 3600 = 11600

Q67. Option(3)
252-162=25+1625-16=41×9=369Q68. Option (5

)
? = 380 × 12.25 - 36515
= 4655 – 24.33 = 4630.67 ≈ 4630

Q69. Option (3)
? ≈180×25501100+28999×50100
= 45901.8 + 14499.5
≈60401.2=60400Q70.

Option (1)
? 172 × 15 ÷25
=172×1525=103.2≈105

Q71. Option(4)
?≈ *1580 × 24 = 37920 37900*

Q72 Option (5)
?≈777×6=66Q73. Option (1)?≈162-92=16+916-9=25×7=175

Q74. Option (3)
? ≈170×400100=680

Q75. Option (2)
?≈ 225784=15×28=420

Q76. Option (4)
? = 23.999 × 9.004 × 16.99724 × 9 × 17 = 3672≈3700

Q77. Option (1)
?=579×845×923=6×9×9=486≈490

Q78. Option (2)
?= 5940÷28÷6=594028×6=35.35≈35

Q79. Option (1)
?=850×15.5100+650×24.8100=131.75+161.20=292.95≈295Q80.

Option (5)
47 × 47 = 2209
2230≈47

Q81. Option(5)
?= 15.5×323100+198 ×20.8100=50.06+41.18=91.24≈90

Q82. Option(3)
?=305827 ×3≈340

Q83. Option (2)
?=3.552+1.752

= 12.81×3.06=39.23≈40

Q84. Option (3)
?≈726=12

Q85. Option (1)
?=37.5×34.92.75=475.90≈476

Q86. Option (2)
?=18×609100+27.5×450100

= 109.62 + 123.75 = 233.37≈ *233*

Q87. Option(3)
?=394264×3=20.53≈21

Q88. Option(4)
?=2310347152=83.785≈84

Q89. Option(4)
?= 12.6 × 22 × 18 = 4989.6≈4959Q90.

Option(3)
?≈17 + 27 + 37 - 13 - 9 ≈59≈60

Q91. Option(3)
?≈8400÷375×158400×15375=336≈335

Q92. Option(5)
?≈37 × 37 = 1369≈1370 Q93.

Option(1)
?≈620×15100=93≈95Q94.

Opttion(4)
?≈ 11 × 20 × 9 = 1980

Q95. Option(2)
? = 1088.88 + 1800.08 + 1880.80 = 4769.76 4770

Q96. Option(4)
? 1548 + 3065 × 115
= 1548 + 204.33 = 1752.33 1750

Q97. Option(5)
250 325≈2400× ?16002400=23

Q98. Option (1)
?=695×39×10100=2710.5≈2800

Q99 Option(3)
6 × 1.414 + 14.275 = 196.35 × ?
22.759 = 196.35 × ?
?=22.759196.3518

Q100. Option(3)
≈ 1525 × 20 + 495= 30500 + 495 = 30995≈31000

Approximation

Q1.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$95^{3.7} \div 95^{0.9989} = 95^{?}$

***(a)**1.9 **(b)**3 **(c)**2.99*

***(d)**3.6*

***(e)**2.7* **Q2.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{?} + of\ 1891.992 = ?$

***(a)**2500 **(b)**1230 **(c)**1640 **(d)**1525 **(e)**2130* **Q3.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$0.0004 \div 0.0001 \times 36.000009 = ?$

***(a)**0.1*

(b)1.45 (c)145 (d)14.5 (e)1450 ***Q4.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

137% of 12345 = ? ***(a)****17000* ***(b)****15000*
(c)*1500* ***(d)****14300* ***(e)****900* ***Q5.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

3739 + 164 × 27 = ?
(a)*5400* ***(b)****4000* ***(c)****8200* ***(d)****690* ***(e)****6300* ***Q6.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

447.75 ÷ 28 × 4.99 = ?
(a)*60*

(b)*70*

(c)*72*

(d)*80*

(e)*75* ***Q7.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(3.5)^2 \times 19.25 + ? = 275$
(a)*15*

(b)*20*

(c)*30*

(d)*28*

(e)*40* ***Q8.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

85% of 225 + 32.91 × 5.01 =?
(a)*340*

(b)*355*

(c)*375*

(d)*345*

(e)*370* ***Q9.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(15.96)^2$ + 75% of 285 = ?
***(a)**435*

***(b)**485*

***(c)**440*

***(d)**420*

(e)**470* ***Q10.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1679 ÷14.95 × 5.02 = ?
***(a)**540*

***(b)**525*

***(c)**545*

***(d)**565*

(e)**520* ***Q11.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

63.9872 × 9449.8780 ÷ 243.0034 = $(?)^2$
***(a)**2489*

***(c)**50*

***(d)**45*

(e)**150* ***Q12.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

5237.897 – 6629.010+7153.999 - 2205.102 = ?
(a)**6340 **(b)**4688 **(c)**5240 **(d)**3558 **(e)**6290* ***Q13.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

4985.0346 ÷ 215.987 -3768.112 ÷ 206.868 = ?

(a)8

(b)5

(c)18

(d)11

(e)15 **Q14.**

replace the ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*
(4/5) × (3/7) ÷ (6/7) ÷ (5/9) =?
(a) *9/17* ***(b)****20/49* ***(c)*** *18/25*

(d) *1/2*

(e)*None of these*

Q18.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(399.98)^2$= ? ***(a)****160000* ***(b)****15999* ***(c)****1600* ***(d)****1599* ***(e)****16000*

Q19.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

√ = ?
(a)*979*

(b)*864* ***(c)****1009* ***(d)****647*

(e)*783* **Q15.**

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

459 % of 849.947 + 266% of 6284.012 - 1486.002 = ?
(a)*20330* ***(b)****12640* ***(c)****15000* ***(d)****22160* ***(e)****19130* **Q16.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

6,23,898 × 99 = ? × 60,000
***(a)**1000 **(b)**1030 **(c)**1050 **(d)**1065 **(e)**1010* **Q17.**

***(a)**6*

***(b)**50*

***(c)**10*

***(d)**125*

***(e)**15* **Q20.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

989.001 + 1.00982 × 76.792 =?
***(a)**1000 **(b)**1100 **(c)**1065 **(d)**110*

***(e)**100* **Q21.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(3/7) × (4/9) × (2/5) × 3719 = ?
***(a)**341*

***(b)**283*

***(c)**274*

***(d)**301*

***(e)**288* **Q22.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

0.008 + 6.009 ÷ $(0.7)^2$ = ?
***(a)**21*

***(c)**12*

***(d)**8*

***(e)**18* **Q23.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(√ × 7) ÷ (3.8 × 5.5) = ?
***(a)**48*

***(b)**22*

***(c)**43*

***(d)**26*

(e)**31* ***Q24.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

98 × 785 ÷(285)² = ?
***(a)**0.3*

***(b)**1.8*

***(c)**2.2*

***(d)**0.9*

(e)**0.08* ***Q25.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ × 0.5 6+ 14.38 = ?
***(a)**30*

***(b)**35*

***(c)**42*

***(d)**25*

(e)**45* ***Q26.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

459.008 + 3.0056 × 88.862 = ?
***(a)**738*

***(b)**725*

***(c)**695*

(d)752

(e)666 ***Q27.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(621.52)^2 = ?$ ***(a)****386300* ***(b)****379300* ***(c)****398300* ***(d)****365300* ***(e)****356300*

Q28.

replace the ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$561204 \times 58 = ? \times 55555$

(a)*606*

(b)*646*

(c)*556*

(d)*716*

(e)*586* ***Q29.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(444\% \text{ of } 531) \div 972 = ?$

(a)*4.5*

(b)*0.5*

(c)*2.5*

(d)*8.5*

(e)*6.5* ***Q30.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(9321 + 5406 + 1001) \div (498 + 929 + 660) = ?$

(a)*13.5*

(b)*4.5*

(c)*16.5*

(d)*7.5*

(e)*10.5* ***Q31.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(11.49)^4 = ?$ ***(a)****15544* ***(b)****16729* ***(c)****17430* ***(d)****18443* ***(e)****19031*

Q32.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(2198 – 1347 – 403) ÷ (159 – 113 – 27) = ?
***(a)**15*

***(b)**24*

***(c)**37*

***(d)**49*

***(e)**53* **Q33.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(825 % of 330)÷ 507 = ?
***(a)**5*

Q34.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ × 1.486 = ?
***(a)**1200 **(b)**1000 **(c)**1600 **(d)**1400 **(e)**800* **Q35.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

564.666 + 82.5091 × 44.581 -34.111 = ?
***(a)**28456 **(b)**4000 **(c)**1600 **(d)**14225 **(e)**4210* **Q36.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(47% of 1442-36% of 1412) ÷ 63 =?
***(a)**4*

***(b)**5*

***(c)**3*

***(d)**6*

***(e)**1* **Q37.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(√ - √) × = ?

***(a)**11*

***(b)**14*

***(c)**15*

***(d)**9*

(e)**13* ***Q38.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(341789+265108) ÷ (8936 – 3578) = ?
***(a)**150*

***(b)**113*

***(c)**135*

***(d)**100*

(e)**125* ***Q39.

29% of 725 = 60% of 315 + ?
***(a)**28*

***(b)**30*

***(c)**15*

***(d)**18*

(e)**21* ***Q40.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1595 ÷ 25 × 36.5 = ?
(a)**2459 **(b)**2329 **(c)**2359 **(d)**2429 **(e)**2400* ***Q41.

41. 63251 × 82 = ? × 42105
***(a)**101*

***(b)**123*

***(c)**147*

(d)165

(e)189 ***Q42.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\sqrt{\ } = ?$
(a)240

(b)270

(c)330

(d)290

(e)310 ***Q43.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(54.78)^2 = ?$ *(a)3000 (b)3300 (c)3500 (d)3700 (e)3900*

Q44.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(7171 + 3854 + 1195) ÷ (892 + 214 + 543) = ?
(a)13

(b)18

(c)3

(d)26

(e)7

Q45.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(562% of 816) + 1449 = ?
(a)4145 (b)5675 (c)6035 (d)7325 (e)9200 ***Q46.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

888888 ÷ 88 ÷ 8 = ?
***(a)**80800 **(b)**1047 **(c)**1263 **(d)**70600 **(e)**1526* **Q47.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

193.999 + 228.008 + ? + 422.005 = 1168.01
***(a)**226*

***(b)**484*

***(c)**168*

***(d)**196*

***(e)**324* **Q48.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

27.8 × 28.74 × 17.3 = ?
***(a)**13822 **(b)**12546 **(c)**10228 **(d)**15183 **(e)**14995* **Q49.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(12/7) × (90/13) × (53/9) = ?
***(a)**110*

***(b)**70*

***(c)**30*

***(d)**20*

***(e)**50* **Q50.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

16.8% of 222 × 12.1% of 923 =?
***(a)**3325 **(b)**5085 **(c)**2925 **(d)**4165 **(e)**6245* **Q51.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(4576 + 3286 + 5639)÷(712 + 415 + 212) = ?
***(a)**18*

***(b)**22*

***(c)**34*

***(d)**10*

(e)**46* ***Q52.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

675.456 + 12.492 × 55.671 = ?
(a)**971 **(b)**1071 **(c)**1171 **(d)**1271 **(e)**1371* ***Q53.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

*$(447.22)^2$= ? **(a)**200000 **(b)**210000 **(c)**220000 **(d)**230000*
***(e)**240000*

Q54.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

4374562 × 64 = ? × 7777
(a)**360 **(b)**3600 **(c)**36000 **(d)**360000 **(e)**3600000* ***Q55.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(872% of 659)÷543 = ?
***(a)**17*

***(b)**11*

***(c)**21*

***(d)**27*

(e)**31* ***Q56.

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ = ?
***(a)**11*

***(b)**6*

***(c)**15*

***(d)**19*

(e)**4* ***Q57.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(8/5) × (15/7) × (22/3) =?
***(a)**17*

***(b)**13*

***(c)**9*

***(d)**29*

(e)**25* ***Q58.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

18.999 × 12.005 × 25.998 = ?
(a)**4860 **(b)**6470 **(c)**3320 **(d)**5930 **(e)**4590* ***Q59.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

11.5% of 666 × 18.3% of 888 = ?
(a)**15608 **(b)**12446 **(c)**10520 **(d)**18338 **(e)**11542* ***Q60.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

2898 ÷ 22 ÷ 2 = ?
***(a)**278*

***(b)**52*

***(c)**66*

***(d)**43*

(e)**263* ***Q61.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

175 × 28 + 275 × 27.98 = ?
***(a)**11800*

(c)**12800 **(d)**11600 **(e)**12200* ***Q62.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

324.995 × 15.98 ÷ 4.002 + 36.88 = ?
(a)**1300 **(b)**1230 **(c)**1440 **(d)**1380 **(e)**1340* ***Q63.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1164 × 128 ÷ 8.008 + 969.007 =?
***(a)**18800 **(b)**19000 **(c)**19600 **(d)**19200 **(e)**18600* **Q64.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ + √ = ?
***(a)**58*

***(b)**56*

***(c)**52*

***(d)**63*

***(e)**61* **Q65.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

69.008 % of 699.998 +32.99% of 399.999 = ?
***(a)**615*

***(b)**645*

***(c)**675*

***(d)**715*

***(e)**725* **Q66.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

7999.99 + 72 × 49.99 = ?
***(a)**12000 **(b)**12600 **(c)**12500 **(d)**11600 **(e)**11000* **Q67.**

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*
$(25.01)^2$ - $(15.99)^2$ = ?
***(a)**361*

***(b)**381*

(c)369

(d)375

(e)356 ***Q68.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

380 × 12.25 - 365 ÷ 15 = ?
(a)*4500* ***(b)****4550* ***(c)****4800* ***(d)****4850* ***(e)****4630* ***Q69.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

180% of 25501 + 50% of 28999 = ?
(a)*62400* ***(b)****64000* ***(c)****60400* ***(d)****64200* ***(e)****61600* ***Q70.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

171.995 × 14.995 ÷ 25 = ?
(a)*105*

(b)*115*

(c)*110*

(d)*125*

(e)*120* ***Q71.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1580.05 × 23.98 = ? ***(a)****36900* ***(b)****36800* ***(c)****37500* ***(d)****37900* ***(e)****37200*

Q72.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

77.077 ÷ 7.07 × 6.08 = ?
(a)*57*

(c)*48*

(d)*77*

(e)*66* ***Q73.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(16.01)^2 - (8.99)^2 = ?$

(a)175

(b)180

(c)170

(d)165

(e)185 ***Q74.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

171% of 399 = ?
(a)740

(b)720

(c)680

(d)640

(e)620 ***Q75.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

√ × √ =?
(a)400

(b)420

(c)440

(d)405

(e)435 ***Q76.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

23.999 × 9.004 × 16.997 = ?
(a)3200 (b)4100 (c)2700 (d)3700 (e)4500 ***Q77.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(52/9) × (44/5) × (29/3) =?
(a)490

(b)590

(c)540

(d)460

(e)520 ***Q78.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

5940 ÷ 28 ÷ 6 = ?
(a)40

(b)35

(c)46

(d)52

(e)27 ***Q79.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

15.5% of 850 + 24.8% of 650= ?
(a)295

(b)330

(c)270

(d)375

(e)220 ***Q80.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

√ =?
(a)54

(b)59

(c)41

(d)37

(e)72 ***Q81.***

15.5% of 323 - 20.8% of 198 =?

(a)12

(b)5

(c)15

(d)3

(e)9 ***Q82.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$3058 \div 27 \times 3 = ?$

(a)360

(b)348

(c)340

(d)330

(e)321 ***Q83.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(3.58)^2 \times (1.75)^2 = ?$

(a)25

(b)40

(c)30

(d)35

(e)50

Q84.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{\ } \div \sqrt{\ } = ?$

(a)21

(b)6

(c)12

(d)18

(e)26 ***Q85.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

37.5 × 34.9 ÷ 2.75 = ?
***(a)**476*

***(b)**491*

***(c)**464*

***(d)**453*

(e)**486* ***Q86.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

18% of 609 + 27.5% of 450 = ?
***(a)**220*

***(b)**233*

***(c)**267*

***(d)**248*

(e)**274* ***Q87.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

3942÷ 64 ÷ 3 = ?
***(a)**29*

***(b)**32*

***(c)**21*

***(d)**17*

(e)**11* ***Q88.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(23/10) × (34/7) × (15/2) = ?
***(a)**68*

***(b)**72*

***(c)**93*

***(d)**84*

(e)**101* ***Q89.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

12.564 × 22.009 × 17.932 = ?

(a)**4901 **(b)**4895 **(c)**4800 **(d)**4959 **(e)**4350* ***Q90.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

16.978 +27.007 + 36.984 - 12.969 - 9.003 = ?
***(a)**72*

***(b)**42*

***(c)**60*

***(d)**51*

(e)**65* ***Q91.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

8399.999÷375.002 × 14.996 = ?
***(a)**565*

***(b)**225*

***(c)**335*

***(d)**625*

(e)**455* ***Q92.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

*√? = 37.0005 **(a)**1150 **(b)**1220 **(c)**1570 **(d)**1370 **(e)**1480*

Q93.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

14.998% of 619.999 = ?
***(a)**95*

(b)80

(c)115

(d)75

(e)105 ***Q94.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

11.003 × 19.998 × 9.010 = ?
(a)*1710* ***(b)****1680* ***(c)****1800* ***(d)****1980* ***(e)****1750* ***Q95.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1088.88+1800.08+1880.80=?
(a)*3950* ***(b)****4770* ***(c)****4620* ***(d)****5040* ***(e)*** *6810,* ***Q96.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1548.45 +3065.15 ÷15.058= ?
(a)*1700* ***(b)****1650* ***(c)****-3*

(d) *1750 1840*

(e)*1950* ***Q97.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(32/5) of 248.65 = ? of 2398.59
(a) *2/5* ***(b)****0.25* ***(c)****0.5* ***(d)****0. 5* ***(e)****0.67* ***Q98.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

39% of 695= 10% of ?
(a)*2800* ***(b)****2400* ***(c)****3200* ***(d)****31000* ***(e)****250099* ***Q99.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

6ſ + 14.275 = ? of 196.35
(a)*0.33*

(b)*0.25*

(c)*0.125*

(d)*0.2*

(e)0. 5

Q100.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1524.79 × 19.92 + 495.26 = ?
(a)33,000

(b)78,535

(c)31,000

(d)26,575

(e)34,000 ***Q101.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

57% of 394 - 2.5% of 996 = ?
(a)215

(b)175

(c)200

(d)180

(e)205 ***Q102.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

96.996 × 9.669 + 0.96 = ?
(a)860

(b)870 (c)1020 (d)940 (e)1100 ***Q103.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

× × 7 = ?
(a)7

(b)*12*

(c)*9*

(d)*12*

(e)4 Q104.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(√ × 25) ÷ 30 = ?
(a)*12*

(b)*15*

(c)*24*

(d)*21*

(e)9 Q105.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(638 + 9709 - 216) ÷ 26 = ?
(a)*275*

(b)*365*

(c)*420*

(d)*300*

(e)*390* ***Q106.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ × $(5.96)^2$ = ?
(a)*3050* ***(b)****3780* ***(c)****2340* ***(d)****3400* ***(e)****3950* ***Q107.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

4734.96 - 3454.03 - 1612.86= ? - 1611.43
(a)*1280* ***(b)****2290* ***(c)****1020* ***(d)****18150* ***(e)****1040* ***Q108.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(323/55) × (971 / 251) × (56/61)= ?
(a)*27*

(b)*9*

(c)*4*

(d)*16*

(e)*21* ***Q109.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

133.008 × 2.97 – 111.87 + 74.13 = ?
(a)*311*

(b)*234*

(c)*357*

(d)*290*

(e)*399* ***Q110.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

32.1 × 2799 ÷ 549 ÷ 120 = ?
(a)*220*

(b)*284*

(c)*375*

(d)*505*

(e)*None of these*

Q111.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

21.7 % of 514.9 - 43.44 = (?/5.5)
(a)*320*

(c)*475*

(d)*375* ***(e)****420* 112. ***Q112.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1599 × 199÷49 - 1398 + 3877= ?
***(a)**9400 **(b)**9000 **(c)**8700 **(d)**8400 **(e)**9200* **Q113.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

4433.764 - 2211.993 -1133.667 + 3377.442 = ?
***(a)**4466 **(b)**4377 **(c)**3633 **(d)**4144 **(e)**3344* **Q114.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(13.96)^2 - (15.03)^2 + (18.09)^2 - 32.65 = ?$
***(a)**223*

***(b)**264*

***(c)**334*

***(d)**354*

***(e)**201* **Q115.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(91/12) × (121/19) ÷ (28/3) =?
***(a)**9*

***(b)**11*

***(c)**2*

***(d)**5*

***(e)**13* **Q116.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

9228.789- 5021.832 +1496.989 = ?
***(a)**6500 **(b)**6000 **(c)**6300 **(d)**5700 **(e)**5100* **Q117.**

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*
1002 ÷ 49 × 99 - 1299 = ?
***(a)**700*

***(b)**600*

***(c)**900*

(d)250

(e)400 ***Q118.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

29.8% of 260 + 60.01 % of 510- 103.57 = ?
(a)450

(b)320

(c)210

(d)280

(e)350 ***Q119.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(21.98)^2 - (25.02)^2 + (13.03)^2 = ?$
(a)25

(b)120

(c)10

(d)65

(e)140 ***Q120.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} \times \sqrt{} \div \sqrt{} = ?$
(a)110

(b)90

(c)200

(d)160

(e)125 ***Q121.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(150/17) \times (199/13) \div (16/91) = ?$
(a)650

(b)700

(c)770

(d)820

(e)850 ***Q122.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

151.011 - 419.999 + 649.991= ?
(a)380

(c)350

(d)410

(e)360 ***Q123.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1299 ÷ 19.99 × 25.01 + 400.01=?
(a)2025 (b)2300 (c)1925 (d)2200 (e)1700 ***Q124.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

30.06 % of 499 + 39.99% of 799= ?
(a)420

(b)380

(c)440

(d)470

(e)510 ***Q125.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(14.99)^2 - (7.01)^2 + (4.99)^3 = ?$
(a)250

(b)200

(c)150

(d)300

(e)350 ***Q126.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

= ?

(a)35

(b)20

(c)40

(d)50

(e)55 ***Q127.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(128.4 + 11.101 + 35.025) ÷ ?= 12

(a)8

(b)10

(c)18

(d)14

(e)20 ***Q128.***

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

572 ÷ √ × 12 = ?

(a)160

(b)170

(c)155

(d)165

(e)175 ***Q129.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ ÷ √ = ?

(a)4

(b)8

(c)12

(d)15

(e)6 ***Q130.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

12.36 X 4.26 + 13.38 = ?
(a)72

(b)66

(c)58

(d)52

(e)None of these

Q131.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

465.84 + 764.86 - 211.99= ?
(a)1100 (b)1080 (c)1000 (d)1020 (e)1060 ***Q132.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

149.9% of 149.9 + 149.9 = ?
(a)375

(b)400

(c)350

(d)425

(e)450 ***Q133.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

3001 × 749 ÷ 1001 - 1399 = ?
(a)650

(c)950

(d)850 (e)1000 ***Q134.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\surd - \surd + \surd = ?$
(a)*50*

(b)*90*

(c)*40*

(d)*20*

(e)*30* ***Q135.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(901/29) \times (91/301) \div (51/599) = ?$
(a)*140*

(b)*120*

(c)*60*

(d)*80*

(e)*110* ***Q136.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

18.505% of 550.010 = ?
(a)*135*

(b)*85*

(c)*100*

(d)*120*

(e)*90* ***Q137.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

969.69 + 996.96 + 966.66 = ?
(a)*2560* ***(b)****2870* ***(c)****2930* ***(d)****2390* ***(e)****2900* ***Q138.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

√ = ?
(a)*40*

(b)*45*

(c)*35*

(d)*30*

(e)*50* ***Q139.***

replace the ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*
24.996 × 13.005 × 17.080 = ?
(a)*6225* ***(b)****5525* ***(c)****5405* ***(d)****5875* ***(e)****6025* ***Q140.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

8599.999 ÷ 420.002 × 14.996 =?
(a)*250*

(b)*325*

(c)*275*

(d)*300*

(e)*350* ***Q141.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

31.85 ÷ 3.90 × 15 = ?
(a)*120*

(b)*90*

(c)*80* ***(d)****1401* ***(e)****160* ***Q142.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

4.99 × 12.865 + 599 = ?
(a)*650*

(b)*655*

(c)*665*

(d)*670*

(e)*675* ***Q143.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

21 + 63 ÷ 17 = ?
***(a)**35*

***(b)**40*

***(c)**10*

***(d)**25*

(e)**15* ***Q144.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1562 ÷ 24% of 356 = ?
***(a)**24*

***(c)**12*

***(d)**28*

(e)**8* ***Q145.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

5986 ÷ 364 × √ = ?
***(a)**250*

***(b)**245*

***(c)**230*

***(d)**235*

(e)**255* ***Q146.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

5682 ÷ 63 × 36 = ? × 19
***(a)**170*

***(b)**190*

(c)210

(d)240

(e)140 ***Q147.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(340/33) ÷ (43/510) × (113/93) = ?
(a)150

(b)120

(c)210

(d)240

(e)170 ***Q148.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(31.33)^2 + (3.96)^3 - (12.02)^2 = ?$
(a)800

(b)900

(c)950

(d)980 (e)1000 ***Q149.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} \times \sqrt{} \div \sqrt{} = ?$
(a)130

(b)110

(c)140

(d)160

(e)90 ***Q150.***

replace the ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*
39% of 405 + 62% of 610 -183.57 = ?
(a)450

(b)300

(c)230

(d)280

(e)None of these

Q151.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

20.06% of 599 + 10.01% of 901 = ?
(a)150

(b)210

(c)250

(d)280

(e)300 ***Q152.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(249/15) × (299/19) ÷ (14/99)= ?
(a)1850 (b)1750 (c)200099 (d)1700 (e)1900 ***Q153.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(11.99)^2 - (8.01)^2 + (5.99)^3 = ?$
(a)250

(b)450

(c)300

(d)400

(e)350 ***Q154.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1201 ÷ 14.99 × 19.91 + 400.01 = ?
(a)1700 (b)1850 (c)1800 (d)1950 (e)2000 ***Q155.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

251.01 - 429.99 + 549.99 = ?
(a)370

(c)340

(d)410

(e)320 ***Q156.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

12959.998 + 18.010 = ?
(a)840

(b)990

(c)570

(d)680

(e)720 ***Q157.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

40.005 % of 439.998 + ? % of 655.011 = 228.5
(a)8

(b)17

(c)12

(d)20

(e)5 ***Q158.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

6894.986 + 5025.005 + 600.020 = ?
(a)12170 (b)13540 (c)12950 (d)11560 (e)12520 ***Q159.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

31.999 × 12.001 × 17.5001=?
(a)6600 (b)6720 (c)6480 (d)6070 (e)6270 ***Q160.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(10.998)^3$= ? (a)1440 (b)1730 (c)1330 (d)1640 (e)1000

Q161.

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*
$(41.33)^2 \div (7.96)^2 - (22.02)^2 = ?$
***(a)**1280 **(b)**1440 **(c)**1580 **(d)**1540 **(e)**1380* **Q162.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

41% of 601 - 250.17 = ? - 77% of 910
***(a)**800*

***(b)**500*

***(c)**700*

***(d)**650*

***(e)**550* **Q163.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

52001 ÷ 61 × 29 = ? × 41
***(a)**700*

***(b)**600*

***(c)**500 **(d)**550, **(e)**680* **Q164.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(701/52) ÷ (11/699) × (112/107)=?
***(a)**700 **(b)**8501 **(c)**900*

***(d)**800*

***(e)**650* **Q165.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{\ } \times \sqrt{\ } \div \sqrt{\ } = ?$
***(a)**200*

***(b)**250*

***(c)**300*

***(d)**225*

(e)325 ***Q166.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

499.99 + 1999 ÷ 39.99 × 50.01 = ?
(a)*3200*

(b)*2700* ***(c)****3000* ***(d)****2500* ***(e)****2400* ***Q167.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$[(7.99)^2 - (13.001)^2 + (4.01)^3]^2 = ?$

(a)*-1800* ***(b)****1450* ***(c)****-1660* ***(d)****1660* ***(e)****-1450* ***Q168.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(601/49) × (399/81) ÷ (29/201)= ?
(a)*520*

(b)*360*

(c)*460*

(d)*500*

(e)*420* ***Q169.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

441.01 - 232.99 + 1649.99 = ? + 1225.92
(a)*600*

(b)*630*

(c)*660*

(d)*690*

(e)*720* ***Q170.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(21.5\% \text{ of } 999)^{1/3} + (42\% \text{ of } 601)^{1/2} = ?$
(a)*18*

(b)22

(c)26

(d)30

(e)33 ***Q171.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

5554.999 ÷ 50.007 = ?
(a)110

(b)150

(c)200

(d)50

(e)125 ***Q172.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(18.001)^3$ = ? (a)5832 (b)5500 (c)6000 (d)6480 (e)5240

Q173.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

23.001 × 18.999 × 7.998 = ?
(a)4200 (b)3000 (c)3500 (d)4000 (e)2500 ***Q174.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

9999 ÷ 99 ÷ 9 = ?
(a)18

(b)15

(c)6

(d)11

(e)20 ***Q175.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

22.005 % of 449.999 = ?
(a)85

(b)100

(c)125

(d)75

(e)150 ***Q176.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

73.99 % of 1299 + 9.98% of 1899 = ?
(a)*1250* ***(b)****1230* ***(c)****1150* ***(d)****1180* ***(e)****1200* ***Q177.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

5891 ÷14.99 + 589.01 - 111.99= ?
(a)*870*

(c)*840*

(d)*810*

(e)*770* ***Q178.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(9.979)^3 - (23.99)^2 + (1.99)^5 = ?$
(a)*350*

(b)*490* ***(c)*** *390 ,* ***(d)****420*

(e)*450* ***Q179.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(18/4)^2 \times (455/19) \div (61/799) = ?$
(a)*6320* ***(b)****6350* ***(c)****6400* ***(d)****6430* ***(e)****6490* ***Q180.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

2439.97 - 1234.01 + 401.99 = ? + 989.99
(a)*620*

(b)*650*

(c)*680*

(d)*700*

(e)*600* ***Q181.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(24/9)^2 \times (399 \times 39) \div (41/899) = ?$
(a)*1600* ***(b)****1650* ***(c)****1700* ***(d)****1550* ***(e)****1750* ***Q182.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

67.99% of 1401 - 13.99% of 1299 =?
(a)*700*

(b)*720*

(c)*770*

(d)*800*

(e)*740* ***Q183.***

replace the ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*
5466.97 - 3245.01 + 1122.99 = ? + 2309.99
(a)*1130* ***(b)****1000* ***(c)****1100* ***(d)****1030* ***(e)****1060* ***Q184.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

5998 ÷ 9.98 + 670.99 - 139.99 = ?
(a)*1080* ***(b)****1280* ***(c)****1180* ***(d)****1130* ***(e)****1230* ***Q185.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$-(4.99)^3 + (29.98)^2 - (3.01)^4 = ?$
(a)*550*

(b)*590*

(c)*620*

(d)*650*

(e)*690* ***Q186.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\surd \times \surd \div \surd = ? \div 8$

(a) 620

(b) 670

(c) 770

(d) 750

(e) 700 **Q187.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$89.988\ \%\ of\ 699.9 + 50.002\%\ of\ 999.99 - 170.015 = ?$

(a) 990

(b) 900

(c) 920

(d) 960

(e) 860 **Q188.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\div \times = ?$

(c) 690

(d) 870

(e) 780 **Q189.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$6999 \div 70.005 \times 94.998 = ? \times 19.999$

(a) 475

(b) 420

(c) 320

(d) 540

(e) 525 **Q190.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(49.99)^2 - (8.9)^2 - (15.9)^2 = ?$
***(a)**2165 **(b)**2000 **(c)**1965 **(d)**1920 **(e)**1885* **Q191.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$7441 \div 34 \times 12 = ? \times 9 + 110$
***(a)**420*

***(b)**280*

***(c)**590*

***(d)**350*

***(e)**220* **Q192.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(989/34) \div (65/869) \times (515/207) = ?$
***(a)**840*

***(b)**920*

***(c)**970*

***(d)**780 **(e)**1000* **Q193.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(32.13)^2 + (23.96)^2 - (17.11)^2 = ?$
***(a)**1270 **(b)**1420 **(c)**1450 **(d)**1360 **(e)**1310* **Q194.**

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{\ } \times \sqrt{\ } \div \sqrt{\ } = ?$
***(a)**120*

***(b)**140*

***(c)**160*

***(d)**180*

***(e)**200* **Q195.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

67% of 801 - 231.17 =? - 23% of 789
***(a)**490*

***(b)**440*

***(c)**540*

***(d)**520*

(e)**590* ***Q196.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

39.897% of 4331 + 58.779% of 5003 = ?
(a)**4200 **(b)**4600 **(c)**4700 **(d)**4800 **(e)**5200* ***Q197.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

43931.03÷2111.02 × 401.04 = ?
(a)**8900 **(b)**6600 **(c)**6400 **(d)**8000 **(e)**8300* ***Q198.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ × √ ÷ √ = ?
***(a)**130*

***(b)**110*

***(c)**140*

***(d)**160*

(e)**90* ***Q199.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ + 349 = ? ÷ 21.003
***(a)**6700*

(c)6680 (d)9520 (e)7680 ***Q200.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$5682 \div 63 \times 36 = ? \times 19$

(a)*170*

(b)*190*

(c)*210*

(d)*240*

(e)*140* ***Q201.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$8787 \div 343 \times \sqrt{} = ?$

(a)*250*

(b)*140*

(c)*180*

(d)*100*

(e)*280* ***Q202.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} \times (303 \div 8) = (?)^2$

(a)*48*

(b)*38*

(c)*28*

(d)*18*

(e)*58* ***Q203.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(5/8) of 4011.33+ (7/10) of 3411.22 = ?

(a)*4810* ***(b)****4980* ***(c)****4890* ***(d)****4930* ***(e)****4850* ***Q204.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

23% of 6783 + 57% of 8431 = ?
(a)**6460 **(b)**6420 **(c)**6320 **(d)**6630 **(e)**6360* ***Q205.

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*
335.01 × 244.99 ÷ 55 = ?
(a)**1490 **(b)**1550 **(c)**1420 **(d)**1590 **(e)**1400* ***Q206.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

24% of 4568÷ 8% of 246 is approximately equal to
***(a)**32*

***(b)**43*

***(c)**89*

***(d)**78*

(e)**55* ***Q207.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

*$(13.001)^3$= ? **(a)**1900 **(b)**2200 **(c)**2000 **(d)**1800 **(e)**2100*

Q208.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

55.003 × 54.998 + 5.001 = ?
(a)**3500 **(b)**3630 **(c)**2540 **(d)**3030 **(e)**2750* ***Q209.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

50.001% of 99.99 ÷ 49.999 = ?
***(a)**1 **(b)**0.1*

***(c)**0.01*

***(d)**0.02*

***(e)** None of these*

Q210.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

999.0001+899.999 - 349.88 = ?
***(a)**1549*

***(c)**1449* ***(d)**1460*

***(e)** None of these*

Q211.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(2.0001)^3 \times (1.999)^{-2} \div (3.999)^{-4} = ?$

***(a)**32*

***(b)**16*

***(c)**64*

***(d)**256*

***(e)**512* **Q212.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(10.97)^2 + (4.13)^3 \times 3.79 = ?$
***(a)**428*

***(b)**376*

***(c)**197*

***(d)**204*

***(e)**302* **Q213.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

12.13% of 935.81 + 1498% of 25.85 = ?
***(a)**500*

***(b)**550*

(c)478

(d)341

(e)596 ***Q214.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

√ × 23.93 - 31.04 = ?
(a)98

(b)65

(c)102

(d)35

(e)79 ***Q215.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1624.12 × 3.891 = ?
(a)6100 (b)6900 (c)6000 (d)6400 (e)6500 ***Q216.***

replace the ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*
3018.19 ÷2.87 - 841.02 = ?
(a)365

(b)90

(c)387 (d)1000 (e)200 ***Q217.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

2371 ÷ 6 + (43 × 4.35) = ?
(a)582

(b)590

(c)600

(d)570

(e)595 ***Q218.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} + \sqrt{} = ?$

(a)56

(b)51

(c)53

(d)54

(e)55 **Q219.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(4.989)^2 + (21.012)^3 + \sqrt{} = ?$

(a)9219 **(b)**9391 **(c)**9319 **(d)**9129

(e) None of these

Q220.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$7020 \div 2.99 \times (13/29) = ?$

(a)1040 **(b)**1100 **(c)**1060 **(d)**,1050

(e) None of these

Q221.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

24.99% of $5001 - 65.01\%$ of $2999 = ?$

(a)840

(c)700 **(d)**-500

(e)-700 **Q222.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(81)^{-1/2} - (64)^{-2/3} = ?$

(a) 3/19 **(b)** 1/16 **(c)** 7/144

(d)01-Sep

(e) *None of these*

Q223.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$331.8 \div 23.7 + (-21)^2 - 94 = (?)^2$

(a) *15*

(b) *16*

(c) *18*

(d) *19*

(e) *17* **Q224.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

34% of 576 + 18% of 842 = ?% of 400 + 83.4

(a) *75*

(b) *72*

(c) *62*

(d) *65*

(e) *66* **Q225.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{\ } \times 5 = ?$

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

21 + 3.9 × 2.9 + 8.99 = ?

(a) *42*

(b) *46*

(c) *44*

(d) *34,* ***(e)*** *36* **Q228.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

22.9889 + 0.002 ÷ ? = 23

(a) *23*

(b)*1*

(c)*232*

(d)*24*

(e) *None of these*

Q229.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value*√ *= ?*

(a)*1000*

(b)*100* ***(c)****1000* ***(d)****10000* ***(e)****999* ***Q230.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

134% of 3894 + 38.94 of 134 = ?
(a)*11452* ***(b)****10000* ***(c)****10452* ***(d)****1100*

(e) *None of these*

Q231.

√

(a)*47*

(b)*49*

(c)*46*

(d)*45*

(e)*61* ***Q226.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(13/4) +(44/7) + ? = (367 /28)
(a) *23/7*

(b)*25-Jul* ***(c)*** *24/7*

(d)*26-Jul* ***(e)*** *27/7* ***Q227.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$10^3 \times 100^3 + 999999999 = 10^7 + 10^7$

(a) 6

(b) 9

(c) 7

(d) 10

(e) 12 **Q232.**

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

$4 \times (3/13) \times 952 - (901/7) = ?$

(a) 823

(b) 840

(c) 835

(d) 839

(e) 845 **Q233.**

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

105.01% of 8451 - (3/7) of 5006 + 9.999 = ?

(a) 8879 **(b)** 8860 **(c)** 8850 **(d)** 8760

(e) None of these

Q234.

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

$10^3 \times 100^3 + 999999999 = 10^7 + 10^7$

(a) 6, 9

(b) 9, 9 **(c)** 6,12 **(d)** 16,9 **(e)** 6, 18 **Q235.**

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

$21 + 3.7 \times 2.9 = ?$

(a) 74

(b)70

(c)27

(d)32

(e)44 ***Q236.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

22.9782 + 9.002 - ? = 23.001
(a)9

(b)8

(c)6

(d)11

(e)12 ***Q237.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

6575 ÷17.98 × 42.03 ÷6.87 =?
(a)2190 (b)2280 (c)2090 (d)2150

(e) None of these

Q238.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following*

questions. (You are not expected to find out the exact value)
12.002 × 15.005 - 8.895 × 6.965 = ?
(a)130

(b)117

(c)105

(d)110

(e) None of these

Q239.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

12.664 × 22.009 × 17.932 = ?
(a)5100 (b)5200 (c)5148 (d)5199

(e) None of these

Q240.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

16.978 + 27.007 + 36.984 -12.969 - 9.003 = ?
***(a)**50*

***(b)**51*

***(c)**52*

***(d)**59*

***(e)**65* **Q241.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

18% of 602 + 27.8% of 450 = ?
***(a)**234*

***(b)**260*

***(c)**225*

***(d)**220*

***(e)**250* **Q242.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

4797 × 26.12 + 38.99 + ? = $2^5 \times 5^3$
***(a)**780*

***(b)**775*

***(c)**802*

***(d)**820*

***(e)** None of these*

Q243.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

3194 ÷7.85 + 74.85 % of 798 = ?
***(a)**1050 **(b)**975*

***(c)**950*

(d)*1000*

(e) *None of these*

Q244.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

- (2/9) of (3/16) of (8/15) of 1275 = ?
(a)*28*

(b)*32*

(c)*25*

(d)*40*

(e) *None of these*

Q245.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(17.02)^2 \times (1.99)^3 + (8.95)^3 \times (4.95)^2 = ?$
(a)*20573* ***(b)****20537* ***(c)****25037* ***(d)****21537*

(e) *None of these*

Q246.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(27.97)^2 - (21.92)^2 + (2345.88 + 154.44) \div ? = 350$
(a)*36*

(b)*45*

(c)*50*

(d)*65*

(e)*55* ***Q247.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1774.98 × 24.68 ÷ (3/8) of 161 = ?
***(a)**740*

***(b)**700*

***(c)**640*

***(d)**690*

***(e)** None of these*

Q248.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

22496÷25 ÷12 = ?
***(a)**85*

***(b)**75*

***(c)**80*

***(d)**57*

***(e)** None of these*

Q249.

*Find out the **approximate value** which should replace the **question mark (?)** in the following*

questions. (You are not expected to find out the exact value)
11989 - 27.95 × 14.98 × 11.05 - ? = 2800
***(a)**4850 **(b)**4380 **(c)**4580 **(d)**5580*

***(e)** None of these*

Q250.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

75.06% of 359.65 × (4/7) of 139.89÷ 7.99 = ?
***(a)**2400 **(b)**2800 **(c)**2600 **(d)**2700 **(e)**3000* **Q251.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

767.87 ÷ 23.96 × 15.02 -29.98 = ? × 9.08
***(a)**50*

***(b)**55*

***(c)**45*

(d)*48*

(e)*51* **Q252.**

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(3/5) of (7/19) of (5/28) of 543 = ?
(a)*21*

(b)*25*

(c)*14* ***(d)****16,* ***(e)****28* **Q253.**

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$12.95 \times 7.05 + (85.01)^2 \times 10.99 = ?$
(a)*69566* ***(b)****79566* ***(c)****81000* ***(d)****80566*

(e) *None of these*

Q254.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

432.62 - 269.21 ÷(11.9% of 78) = ?
(a)*370*

(b)*380*

(c)*400*

(d) *410:* ***(e)****420* **Q255.**

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

899.99 ÷ 45.072 = ? - 224.488
(a)*224*

(b)*230*

(c)*250*

(d)244

(e)260 ***Q256.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(17.95)^2 - (14.05)^2 + (2343.75 + 81.55) \div ? = 229$
(a)*24*

(b)*28*

(c)*30*

(d)*20*

(e)*25* ***Q257.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} \div ? \times 14.98^2 = 450$
(a)*15*

(b)*10*

(c)*7*

(d)*4*

(e)*12* ***Q258.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$30.01^2 - 19.98^2 - ? = 21.81^2$
(a)*49*

(b)*50*

(c)*30*

(d)*39*

(e)*16* ***Q259.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$820.15 + 2379.85 + 140.01 \times 4.99 = ?$
(a)*4400* ***(b)****3900* ***(c)****3000* ***(d)****4000* ***(e)****4300* ***Q260.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following*

questions. (You are not expected to find out the exact value)
39.97% of 649.8 ÷13.05 = 45.12 - ?
***(a)**40*

***(b)**15*

***(c)**25*

***(d)**10*

(e)**30* ***Q261.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(674.87 + 59.98) ÷ 35.02 = ?
***(a)**29 **(b)**-27 **(c)**19*

***(d)**21*

(e)**11* ***Q262.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

241 ÷ 15 × 287.98 ÷18.04 =?²⁻
***(a)**26*

***(b)**24*

***(c)**18*

***(d)**14*

(e)**16* ***Q263.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

?% of 1049 + 74.99% of 420.12 = 524.98
***(a)**15*

***(b)**20*

***(c)**10*

***(d)**35*

(e)**25* ***Q264.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

246.01 + 2953.98 - 449.98 -302 = ?
(a)**2020 **(b)**2800 **(c)**2450 **(d)**3000 **(e)**3050* ***Q265.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

299.85 - 145.05 + 29.99 × 12.02 = ?
***(a)**515*

***(b)**395*

***(c)**475*

(e)**575* ***Q266.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

√ × 7.99 + 705.97 = ?
***(a)**895*

***(b)**750*

***(c)**675*

***(d)**850*

(e)**800* ***Q267.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

25.01% of 541÷ (29.97% of 30.01) + ? = 140
***(a)**110*

***(b)**145*

***(c)**85*

***(d)**95*

(e)**125* ***Q268.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1680.11 - 12.03 × 14.93 + ?² = 1644
***(a)**12*

***(b)**13*

(c)14

(d)15

(e) None of these

Q269.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1442 ÷ 36+ (2/9) × 4049-125.01= ?
(a)820

(b)815

(c)840

(d)850

(e) None of these

Q270.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

9659 ÷ 20.99 + 7921 ÷ 11.97 = ?
(a)1140 (b)1160 (c)1120 (d)1150

(e) None of these

Q271.

*Find out the **approximate value** which should replace the **question mark (?)** in the following*

value)

1401÷34.97 + 21.98 × √ = ?
(a)590

(b)700

(c)540

(d)550

(e) None of these

Q272.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1559.95 – 7.99 × 24.96 - ?² = 1154
***(a)**14*

***(b)**24*

***(c)**32*

***(d)**18*

(e)8 Q273.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1599 ÷ 39.99 + (4/5) × 2449 - 120.05 =?
***(a)**1680 **(b)**1940 **(c)**1640 **(d)**1880 **(e)**1780* **Q274.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1576 + 45.02 + 23.99 × √ = ?
***(a)**340*

***(b)**420*

***(c)**380*

***(d)**460*

***(e)**360* **Q275.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

? + 30.01% of 651 ÷ 25.05% of 59.98= 135
***(a)**68*

***(b)**140*

***(c)**122*

***(d)**78 **(e)**128.5* **Q276.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

3899 ÷11.99 – 2379 ÷13.97 = ?
***(a)**125*

***(b)**250*

***(c)**155*

(e)225 ***Q277.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$5003 \times 14.96 \div 25.12 + ? = 12^2 \times 5^2$
(a)*600* ***(b)****1200* ***(c)****800* ***(d)****1000* ***(e)****900* ***Q278.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$11.95^2 \times 5.05 + 15.01^2 \times 2.99 = ?$
(a)*1150* ***(b)****1215* ***(c)****1885* ***(d)****1180* ***(e)****1395* ***Q279.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$31.95^2 - 12.05^2 + (1987.25 + 21.85) \div ? = 900$
(a)*115*

(b)*120*

(c)*90*

(d)*85* ***(e)****100325* ***Q280.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(3/5) of (2/7) of (5/12) of 555 = ?
(a)*27*

(b)*48*

(c)*58*

(d)*40*

(e)*32* ***Q281.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

2489.99 ÷9.85+ 54.94% of 271 = ?
(a)*800*

(b)*300*

(c)*500*

(d)700

(e)400 ***Q282.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following*

value)
√? = (1346.92 + 46.94) ÷ 99.9 - 6.98
(a)*121*

(b)*441* ***(c)****1024* ***(d)****49*

(e)*196* ***Q283.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

$32.01^2 \times 512^{1/3} \times 33.99^2 \div (2^9 \times 16.97^2) = 2^?$

(a)*3*

(b)*4*

(c)*9*

(d)*10*

(e)*6* ***Q284.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

(14.99% of 4799.995) ÷ ?= (170% of 7.111)²
(a)*150*

(b)*25*

(c)*100*

(d)*50*

(e)*5* ***Q285.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

(3/20)of 239 =? ÷ (1.6 × 0.499)
(a)*30*

(b)*300*

(c)*600*

(d)*120*

(e)*80* ***Q286.***

√) ÷ 8.996÷9.98 +39.4 = ?
(a)*80*

(b)*8*

(c)*4*

(d)*120*

(e)*40* ***Q287.***

.If an amount of Rs. 74,336 is equally divided amongst 150 people, how much approximate amount would each person get?

a. *Rs. 522*
b. *Rs. 485*
c. *Rs. 496*
d. *Rs. 488*
e. *Rs. 510*

Q288.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following*

value)
85.147 + 34.912 × 6.2 + ? = 802.293
(a)*400*

(b)*450*

(c)*550*

(d)*600*

(e)*500* ***Q289.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

248.251 ÷ 12.62 × 20.52 = ?
(a)*400*

(b)*450*

(c)*600*

(d)*350*

(e)*375* ***Q290.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

158.25 × 4.6 + 21% of 847 + ? = 950.93
***(a)**35*

***(b)**40*

***(c)**25*

***(d)**50*

(e)**45* ***Q291.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

39.05 × 14.95 - 27.99 × 10.12 = (36 + ?) × 5
***(a)**22*

***(b)**29*

***(c)**34*

***(d)**32*

(e)**25* ***Q292.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

9876 ÷ 24.96 + 215.005 - ?= 309.99
***(a)**395*

***(b)**295*

***(c)**300*

***(d)**315*

(e)**310* ***Q293.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

125% of 4875 + 88.005 × 14.995 = ?
***(a)**7395 **(b)**7490 **(c)**7510*

(e)**7415* ***Q294.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

127.001 × 7.998+6.05 × 4.001= ?
(a)**1440 **(b)**1400 **(c)**1000 **(d)**1040 **(e)**1140* ***Q295.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1010 ÷36 + 187 × 20.05 = ?
(a)**3650 **(b)**3770 **(c)**3825 **(d)**3800 **(e)**3700* ***Q296.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

100/3) % of 768.9 + 25% of 161.2 - 58.12 = ?
***(a)**230*

***(b)**225*

***(c)**235*

***(d)**220*

(e)**240* ***Q297.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$95^{3.7} \div 95^{0.9989} = 95^{?}$

***(a)**1.9 **(b)**3 **(c)**2.99*

***(d)**3.6*

(e)**2.7* ***Q298.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

***(a)**2500*

(b)**1230 **(c)**1640 **(d)**1525 **(e)**2130* ***Q299.

*Find out the **approximate value** which should replace the **question mark (?)** in the following*

value)
0.0004 ÷0.0001 × 36.000009 = ?
***(a)**0.1*

(b)**1.45 **(c)**145 **(d)**14.5 **(e)**1450* ***Q300.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

137% of 12345 = ?
***(a)**17000 **(b)** 15000' **(c)**1500 **(d)**14300 **(e)**900* **Q301.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

*3739 + 164 × 27 = ? **(a)**105400 **(b)**4000*
***(c)**8200 **(d)**690 **(e)**6300* **Q302.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

6523 ÷ 544 × 1.2 = ?
***(a)**21*

***(b)**33*

***(c)**14*

***(d)**8*

***(e)**28* **Q303.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

51% of 5086 – (3/7) of 899 = ?
***(a)**2215 **(b)**2315 **(c)**2025 **(d)**2125*

***(e)** None of these*

Q304.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

21 + 4.9 × 7.9 + 9.88 = ?
***(a)**65*

***(b)**71*

***(c)**66*

***(e)** None of these*

Q305.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

138% of 3782 + 38.74% of 142 = ?
***(a)**5248 **(b)**5448 **(c)**5348 **(d)**5444*

(e) *None of these*

Q306.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

$(27)^2 \times 6 \div 9 + (7)^3 + 71 = (?)^3 - 431$
(a)*13*

(b)*9*

(c)*10*

(d)*11* ***(e)****1913* **Q307.**

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

$70202 \div 2.99 \times (13/29) = ?$
(a)*11700* ***(b)****11600* ***(c)****11560* ***(d)****11750*

(e) *None of these*

Q308.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

52.02% *of* $749 + 45\%$ *of* $419.98 - ? = 15^2$
(a)*354*

(b)*364*

(c)*370*

(d)*368*

(e) *None of these*

Q309.

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions.*
(You are not expected to find out the exact value)

$349.98 \times 19.99 + ?^2 \times 180.16 = 11500$
(a)*3*

(b)*5*

(c)*4*

(d)*9*

(e)*25* **Q310.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following*

value)

(1800 ÷ √ × 29.99) ÷15.02 = 144
***(a)**12*

***(b)**25*

***(c)**625*

***(d)**144*

(e)**169* ***Q311.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(52.02^2 - 34.01^2) \div 17.99 \times \sqrt{} = 1720$
***(a)**400*

***(b)**20*

***(c)**25*

***(d)**625*

***(e)** None of these*

Q312.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(340 × 9.98) ÷ 6.4001 + 1245.15 = ?
(a)**1766 **(b)**1776 **(c)**1676 **(d)**1876 **(e)**1806* ***Q313.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

6399 × (13/8) + 353 ÷ ? = 10444
***(a)**14*

***(b)**22*

***(c)**2*

(d)16

(e)8 ***Q314.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

∫ × 14.02 + ∫ × 15.97 = ?
(a)670

(b)570

(c)710

(d)510 *(e)6105* ***Q315.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

8461÷11.99 - 24.01 ÷ (5/100) =?
(a)625

(b)400

(c)25

(e)225 ***Q316.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

14.85% of 679 + 19.9% of 219.89= ?
(a)115

(b)145

(c)65

(d)105

(e)85 ***Q317.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1441 ÷? + 149.98 × 14.99 = 3006 - 254.91
(a)35

(b)15

(c)25

(d)45

(e)3 Q318.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

1439 ÷ 16 × 14.99 + √ = ?
(a)**1315 **(b)**1365 **(c)**1215 **(d)**1465 **(e)**1265 **Q319.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$11.92^2 + 16.01^2 = ?^2 \times 3.85^2$

***(a)**15*

***(b)**2*

***(c)**4*

***(d)**5*

(e)**12 **Q320.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(19.97% of 781) + ? + (30% of 87) =252
***(a)**40*

***(b)**50*

***(c)**25*

***(d)**70*

(e)**80 **Q321.

*Find out the **approximate value** which should replace the **question mark (?)** in the following*

value)
820.01 - 21 × 32.99 + ? = 240
***(a)**105*

***(b)**173*

***(c)**113*

***(d)**234*

(e)**143 **Q322.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$299 \div 12 \times 13.95 + ? = 24.02^2$

***(a)**285*

***(b)**226*

***(c)**325*

***(d)**150*

(e)**185* ***Q323.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(32.51)^2 - (17.45)^2 = ?$

***(a)**780*

***(b)**850*

***(c)**680*

***(d)**820*

(e)**750* ***Q324.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$88.25\% of\ 450 = ?\%\ of\ 530$

***(a)**70*

***(b)**68*

***(c)**75*

***(d)**80*

(e)**65* ***Q325.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} \times (12.005)^2 + ? = 5000$

***(a)**680*

***(b)**720*

***(c)**750*

***(d)**620*

(e)630 ***Q326.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

3745 ÷24.05 × 17.98 = ?
(a)2860 (b)2800 (c)2760

(e)2840 ***Q327.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

117.95 × 8.017 × 4.98 = ?
(a)4670 (b)4780 (c)4840 (d)4720 (e)4800 ***Q328.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

? 21.0091 - 6.085 + 13.24 = (35 + ?) × 2
(a)6.5

(b)10.5

(c)15.5

(d)20.5

(e)24.5 ***Q329.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

9876 ÷ 24.96 + 215.005 - ?= 309.99
(a)395

(b)295

(c)300

(d)315

(e)310 ***Q330.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

8537.986- 2416.005 -221.996 = ?
(a)6500 (b)5900 (c)4300 (d)3900 (e)5050 ***Q331.***

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

1019.999 ÷ 60.007 = ?
(a)11

(b)23

(c)17

(d)27

(e)13 **Q332.**

Find out the **approximate value** which should replace the **question mark (?)** in the following

value)

111111÷1111 ÷ 11 = ?

(a)1180 **(b)**15 **(c)**1100 **(d)**9

(e)2 Q333.

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

√ =?

(a)15

(b)9

(c)29

(d)32

(e)17 **Q334.**

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

16.001 × 30.999 × 8.998 = ?

(a)4450 **(b)**4800 **(c)**4100 **(d)**3900 **(e)**5000 **Q335.**

Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)

17001 ÷ 81 × 19 = ? × 29

(a)100

(b)110

(c)140

(d)170

(e)130 **Q336.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(901/51) ÷ (21/1201) × (101/301) = ?
***(a)**320*

***(b)**350*

***(c)**400*

***(d)**410*

(e)**430* ***Q337.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(9.99)^3 + (30.01)^2 - (17.01)^2 = ?$
***(a)**1610* ***(b)**1630* ***(c)**1580*

(e)**1510* ***Q338.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$\sqrt{} \times \sqrt{} \div \sqrt{} \times 10 = ?$
***(a)**720*

***(b)**740*

***(c)**810*

***(d)**840*

(e)**760* ***Q339.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

79% of 801 - 259.99 = ? - 66% of 499
***(a)**800*

***(b)**700*

***(c)**500*

***(d)**650*

(e)**550* ***Q340.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(25/9) × (16/53) × 91 = ?
(a)*65*

(b)*75*

(c)*80*

(d) *85'*

(e) *None of these*

Q341.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(4/9) × 5671 — (8/15) × 2524 = ?
(a)*1200* ***(b)****1120* ***(c)****1100* ***(d)****1175*

(e) *None of these*

Q342.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

4568.6531 – 2431.3178 + 134.675 = ?
(a)*2272* ***(b)****2372* ***(c)****2172* ***(d)****2200*

(e) *None of these*

Q343.

*Find out the **approximate value** which should replace the **question mark (?)** in the following*

questions. (You are not expected to find out the exact value)
24.9% of 5679 + 44.9% of 4301 = ?
(a)*3455* ***(b)****3355* ***(c)****3255* ***(d)****3555*

(e) *None of these*

Q344.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(6.99)^2 + (8.01)^2 - \sqrt{?} = ?$
(a)*95*

(b)*115*

(c)110

(d)104

(e) None of these

Q345.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(a)4

(b)3

(c)6

(d)8

(e)10 **Q346.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$1517.99 \div 46.12 + 636.898 \div (7.02)^2 = ?$

(a)43

(b)46

(c)48

(d)49

(e) None of these

Q347.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$(16.993)^2 + (25.98)^2 - (3558.99 + 3244.89) \div (6.01)^2 = ?$

(a)667

(b)767

(c)776

(d)676

(e) None of these

(a)288

(b)382 ***(c)***1205 ***(d)***282

(e) None, of these

Q349.

Find out the ***approximate value*** which should replace the ***question mark (?)*** in the following questions.
(You are not expected to find out the exact value)

1456.12 ÷28.01 = ? - 138.989
(a)191

(b)119

(c)181

(d)118

(e) None of these

Q350.

Find out the ***approximate value*** which should replace the ***question mark (?)*** in the following questions.
(You are not expected to find out the exact value)

(1664.92 /37.11) = ? - 163.02
(a)534

(b)208

(c)329

(d)424

(e)256 **Q351.**

Find out the ***approximate value*** which should replace the ***question mark (?)*** in the following questions.
(You are not expected to find out the exact value)

$15.003^2 + 23.98^2 - (1282.998 + 578.898) + 6.89^2 = ?$
(a)549

(b)678

(c)763 ***(d)***-1012

(e)-718 **Q352.**

Find out the ***approximate value*** which should replace the ***question mark (?)*** in the following questions.
(You are not expected to find out the exact value)

$(1425.99 /31.12) + 323.898 + 8.89^2 = ?$
(a)542

(b)418

(c)*450*

(d)*432*

(e)*451* ***Q353.***

Find *out the* ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

$(\sqrt{\ } - \sqrt{\ }) = ?$

Find out the ***approximate value*** *which should replace the* ***question mark (?)*** *in the following questions. (You are not expected to find out the exact value)*

(20.011% of2459.998) - (10.99% of 1300.04) = ? + 66.99

$(\sqrt{\ } - \sqrt{\ })$

(a)*97*

(b)*58*

(c)*81*

(d)*72*

(e)*61*

Q354.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(29.989% of 4530.11) - (22.04% of 4599.99) = ?
+125.99
***(a)**289*

***(b)**296*

***(c)**278*

***(d)**221*

***(e)**323* **Q355.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

$16.02^2 + 144 + 23.96 + ? = 783.867$
***(a)**316*

***(b)**262*

***(c)**258*

***(d)**360*

***(e)**344* **Q356.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(2430/16) - 16.97 + √(?)= 164
***(a)**1089 **(b)**841 **(c)**1369 **(d)**289*

***(e)**529*

? % of ( ) = 375.05
***(a)**80*

***(b)**32*

***(c)**98*

***(d)**58*

***(e)**132* **Q360.**

***Find** out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(1810/ 24.05) × 7.95 + 11.02 × 18.88 = ? -306
***(a)**1025 **(b)**1225 **(c)**1115 **(d)**1255 **(e)**1175* **Q361.**

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

2775 × ∓ 5550

(a)**6400 **(b)**5625 **(c)**900 **(d)**1600 **(e)**2025* ***Q362.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

Q357.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(9601/11.98) × √ + 95.88 =?
***(a)**17470 **(b)**17496*
24.98² ×

***(a)**25*

***(b)**45*

***(c)**40*

***(d)**30*

(e)**20* ***Q363.

× 38.93 = 130 × ?²

(c)**18496 **(d)**18086 **(e)**18156* ***Q358.

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

15.99 × 9.89 - √ - 17.001 × 1.99 = ?²
***(a)**10*

***(b)**11*

***(c)**9*

(d)12

(e) None of these

Q359.

***Find** out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*
*Find out the **approximate value** which should*

*replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*
71.98% of 1200 + 35.06% of 270 = ?% of 600
(a)140

(b)125

(c)120

(d)135

(e)160 ***Q364.***

*Find out the **approximate value** which should replace the **question mark (?)** in the following questions. (You are not expected to find out the exact value)*

(7702 / 43.96) + 25.11 × 45.88 = ? × 15
(a)88

(b)82

(c)68

(d)76
(e)72

349 a 350 b 351 d 352 e 353 c 354 d
355 d 356 b 357 c 358 a 359 e 360 c
361 a 362 e 363 e 364 a

ANSWERS :

1 e	2 b	3 c	4 a	5 c	6 d
7 c	8 b	9 e	10 d	11 c	12 d
13 b	14 a	15 e	16 b	17 c	18 a
19 c	20 c	21 b	22 c	23 e	24 d
25 a	26 b	27 a	28 e	29 c	30 d
31 c	32 b	33 a	34 d	35 e	36 c
37 a	38 b	39 e	40 b	41 b	42 d
43 a	44 e	45 c	46 c	47 e	48 a

49 b	50 d	51 d	52 e	53 a	54 c
55 b	56 a	57 e	58 d	59 b	60 c
61 b	62 e	63 c	64 c	65 a	66 d
67 c	68 e	69 c	70 a	71 d	72 e
73 a	74 c	75 b	76 d	77 a	78 b
79 a	80 e	81 e	82 c	83 b	84 c
85 a	86 b	87 c	88 d	89 d	90 c
91 c	92 e	93 a	94 d	95 b	96 d
97 e	98 a	99 c	100 c	101 c	102 d
103 d	104 b	105 e	106 d	107 a	108 e
109 c	110 b	111 d	112 b	113 a	114 b
115 d	116 d	117 a	118 d	119 a	120 e
121 c	122 a	123 a	124 d	125 d	126 c
127 d	128 d	129 a	130 b	131 d	132 a
133 d	134 c	135 e	136 c	137 c	138 a
139 b	140 d	141 a	142 c	143 d	144 b
145 b	146 a	147 a	148 b	149 b	150 e
151 b	152 c	153 c	154 e	155 a	156 e
157 a	158 e	159 b	160 c	161 a	162 c
163 b	164 c	165 b	166 c	167 d	168 e
169 b	170 b	171 a	172 a	173 c	174 d
175 b	176 c	177 a	178 e	179 a	180 a
181 a	182 c	183 d	184 d	185 e	186 b
187 d	188 d	189 a	190 a	191 b	192 c
193 e	194 c	195 a	196 c	197 e	198 b
199 e	200 a	201 c	202 b	203 c	204 e
205 a	206 e	207 b	208 d	209 a	210 a
211 e	212 b	213 a	214 b	215 e	216 e
217 a	218 b	219 c	220 d	221 e	222 c
223 d	224 e	225 a	226 b	227 a	228 b
229 a	230 c	231 b	232 a	233 b	234 b
235 d	236 a	237 a	238 b	239 c	240 d
241 a	242 c	243 d	244 a	245 b	246 c
247 a	248 b	249 c	250 d	251 a	252 a
253 b	254 c	255 d	256 a	257 e	258 e
259 b	260 c	261 d	262 e	263 b	264 c
265 a	266 d	267 e	268 a	269 b	270 c
271 a	272 a	273 d	274 b	275 e	276 c
277 a	278 e	279 e	280 d	281 e	282 d
283 e	284 e	285 a	286 e	287 c	288 e
289 a	290 e	291 e	292 c	293 e	294 d
295 b	296 e	297 e	298 b	299 c	300 a
301 c	302 c	303 a	304 b	305 c	306 d
307 a	308 a	309 b	310 c	311 a	312 b
313 e	314 a	315 e	316 b	317 e	318 b
319 d	320 d	321 c	322 d	323 e	324 c

325 a	326 b	327 d	328 b	329 c	330 b
331 c	332 d	333 e	334 a	335 c	336 d
337 a	338 c	339 b	340 d	341 b	342 a
343 b	344 d	345 a	346 b	347 c	348 d