Venn diagram

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(1) In the given figure, how many people like cricket and tennis both?
दी गई आकृति में, कितने लोग क्रिकेट तथा टेनिस दोनों पसंद करते हैं?

SSCCGL08AUG-S3 : 20
(a) 17 (b) 32 (c) 15 (d) 27

(2) In the given figure, how many books are fiction?
दी गई आकृति में, कितनी पुस्तकें काल्पनिक हैं?

SSCCGL10AUG-S1 : 20
(a) 23 (b) 18 (c) 53 (d) 41

(3) Identify the diagram that best represents the relationship among the given classes.
Complex number, Integer, Natural number
वह आरेख चुनिए जो नीचे दिए गए वर्ग के बीच के संबंध का सही निरूपण करता है।

SSCCGL08AUG-S2 : 20
(a) (b) (c) (d)

(4) Identify the diagram that best represents the relationship among the given classes.
Animal, Leopard, Lion
वह आरेख चुनिए जो नीचे दिए गए वर्ग के बीच के संबंध का सही निरूपण करता है।

SSCCGL11AUG-S3 : 20
(a) (b) (c) (d)

(5) In the following figure, square represents philosophers, triangle represents police officer, circle represents Pharmacists and rectangle represents Americans. Which set of latter represents Americans who are police officers?

SSCCGL05AUG-S3 : 20
(a) G,F,D,A (b) B,C (c) C,D (d) B,C,G,F

(6) In the following figure, square represents doctors, triangle represents artist, circle represents weight-lifters and rectangle represents Russians. Which set of latter represents Russian who are not doctors?

SSCCGL22AUG-S2 : 20
(a) A (b) E,F,A (c) A,B,C (d) B,C,D

(7) Identify the diagram that best represents the relationship among the given classes.
Brother, Husband, Men

SSCCGL05AUG-S3 : 20
(a) (b) (c) (d)

(8) Identify the diagram that best represents the relationship among the given classes.
Green, Mango, Fruits

SSCCGL10AUG-S2 : 20
(a) (b) (c) (d)

(9) In the following figure, square represents Dancers, triangle represents Geologists, circle represents Architects and rectangle represents Mothers. Which set of latter represents architects who are also Geologists?

SSCCGL10AUG-S2 : 20
(a) (b) (c) (d)
(10) Identify the diagram that best represents the relationship among the given classes.

Music Instrument, Piano, Guitar

(a) A,B   (b) E,D   (c) D,H,F   (d) G,C

(11) Identify the diagram that best represents the relationship among the given classes.

Staff, Manager, Worker

A,B   (b) E,D   (c) D,H,F   (d) G,C

(12) Identify the diagram that best represents the relationship among the given classes.

Bull, Animal, Carnivorous

(a) A,B   (b) E,D   (c) D,H,F   (d) G,C

(13) Identify the diagram that best represents the relationship among the given classes.

Country, State, City

(a) A,B   (b) E,D   (c) D,H,F   (d) G,C

(14) Identify the diagram that best represents the relationship among the given classes.

Professionals, Chartered Accountant, Female

(a) A,B   (b) E,D   (c) D,H,F   (d) G,C

(15) In the given figure, how many are musical toys?

(a) 53   (b) 61   (c) 42   (d) 45

(16) In the given figure, how many cardboard boxes are not white?

(a) 6   (b) 13   (c) 7   (d) 9

(17) In the given figure, how many black buttons are shirts?

(a) 37   (b) 19   (c) 36   (d) 27

(18) In the following figure, square represents optometrists, triangle represents painters, circle represents vegetarians and rectangle represents men. Which set of letters represents painters who are either men or vegetarians?

(a) A,B   (b) E,D   (c) D,H,F   (d) G,C
(19) In the given figure, how many people speak Italian and French language?

(20) In the given figure, how many huts are covered and muddy?

(21) In the following figure, square represents dietitians, triangle represents botanists, circle represents psychologists and rectangle represents Indians. Which set of letters represents psychologists who are not botanists?

(22) In the following figure, square represents Physicians, triangle represents cricket players, circle represents men and rectangle represents Indians. Which set of letters represents cricket players who are either Indians or men?

(23) In the following figure, square represents Therapists, triangle represents Geneticists, circle represents yoga practitioners and rectangle represents Fathers. Which set of letters represents yoga practitioners who are neither Geneticists nor Fathers?

(24) In the following figure, square represents psychologists, triangle represents chemists, circle represents actors and rectangle represents father. Which set of letters represents psychologists and actors who are also fathers?

(25) In the following figure, square represents painters, triangle represents women, circle represents Accountants and rectangle represents Americans. Which set of letters represents Americans who are not accountants?
(26) Identify the diagram that best represents the relationship among the given classes.

Pet animals, Dog, Cat

SSCCGL19AUG-S1 : 20
(a) D,C,H (b) G,H (c) G,B,E (d) D,A

(27) In the given figure, how many bottles are not brown?

Brown / मूर्त

Bottles / बोतल

Plastic / प्लास्टिक

SSCCGL16AUG-S2 : 20
(a) 58 (b) 2 (c) 102 (d) 106

(28) In the following figure, square represents Pharmacists, triangle represents Dancers, circle represents Gynaecologists and rectangle represents Women. Which set of letters represents Gynaecologists who are neither Women nor Dancers?

(a) F,B,H (b) B,D,H (c) G,H (d) D,A

(29) In the following figure, square represents pharmacists, triangle represent singers, circle represents surgeons and rectangle represents Mothers. Which set of letters represents surgeons who are either mothers or singers?

(a) E,D,G (b) A,F,C (c) A,D,C (d) H,B,C

(30) In the following figure, square represents dentists, triangle represent collectors, circle represents Indians and rectangle represents women. Which set of letters represents Indians who are either collectors or women?

(a) F,B,H (b) B,D,H (c) G,H (d) D,A

(31) In the following figure, square represents athletes, triangle represent engineers, circle represents fathers and rectangle represents entrepreneurs. Which set of letters represents athletes who are either entrepreneurs or fathers?

(a) F,E,D (b) D,E,F,G,H,I (c) G,H,I (d) E,H

(32) In the following figure, square represents artists, triangle represent military officers, circle represents collectors and rectangle represents fathers. Which set of letters represents collectors who are either military officers or fathers?

(a) F,C (b) D,E (c) A,B,G (d) H,E,D

(33) In the given figure, how many pens blue and black?
(34) In the given figure, how many people study only 2 subjects?

(a) 23  (b) 19  (c) 12  (d) 15

(35) In the following figure, square represents Therapists, triangle represents Geneticists, circle represents yoga practitioners and rectangle represents Fathers. Which set of letters represents yoga practitioners who are neither Geneticists nor Fathers?

(a) D,F  (b) A,B,D,F,G  (c) A,B,G  (d) I,C,H

(36) In the following figure, square represents professors, triangle represents social workers, circle represents dieticians and rectangle represents men. Which set of letters represents dieticians who are not?

(a) D,F  (b) A,B,D,F,G  (c) A,B,G  (d) I,C,H

(37) In the following figure, square represents priests, triangle represents singers, circle represents therapists and rectangle represents Indians. Which set of letters represents Indians who are not priests?

(a) A,B,C,D,E,G,H  (b) B,C  (c) E, G,H  (d) A,B,C,D,E,G,H

(38) In the following figure, square represents lawyers, triangle represents cyclists, circle represents men and rectangle represents post-graduates. Which set of letters represents men who are not cyclists?

(a) A,B,D,E,H,J  (b) I,G  (c) A,F  (d) G,E,A

(39) In the following figure, square represents astronauts, triangle represents swimmers, circle represents women and rectangle represents Indians or swimmers?

(a) C,D,I,E  (b) A,B,D,E,H,J  (c) B,C,D  (d) C
In the following figure, square represents Americans, triangle represents Astronomers, circle represents physicians and rectangle represents Men. Which set of letters represents men who are physicians?

नीचे दी गई आकृति में, वर्ग अमेरिकियों को, त्रिभुज खगोल विज्ञानियों को, वृत्त चिकित्सकों को और आयत तुरुणों को दर्शाता है। अक्षरों का कौन सा युग्म उन पुरुषों को दर्शाता है जो चिकित्सक हैं?

SSCCGL23AUG-S2 : 20
(a) A,B,C (b) J,I (c) G,F,E (d) I,D,E

In the following figure, square represents runners, triangle represents scientists, circle represents Indians and rectangle represents mothers. Which set of letters represent Indians who are runners?

SSCCGL20AUG-S3 : 20
(a) F,B,D,E (b) A,D (c) G,C,D (d) B,C,G,F
<table>
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Solution:
(1) No. of persons who like cricket = 9 + 17 + 12 + 15
    No of persons who like hockey = 12 + 15 + 21 + 6
      No. of persons who like tennis = 17 + 15 + 18 + 8
    No. of person who like cricket, tennis both = 17 + 15 = 32

(2) Total fiction books = 23 + 18 = 41

(5) From the figure correct answer would be the letters which are present in Rectangle and also in Triangle. And only B and C are present in both.

(10)

(11)

(12)

(19)