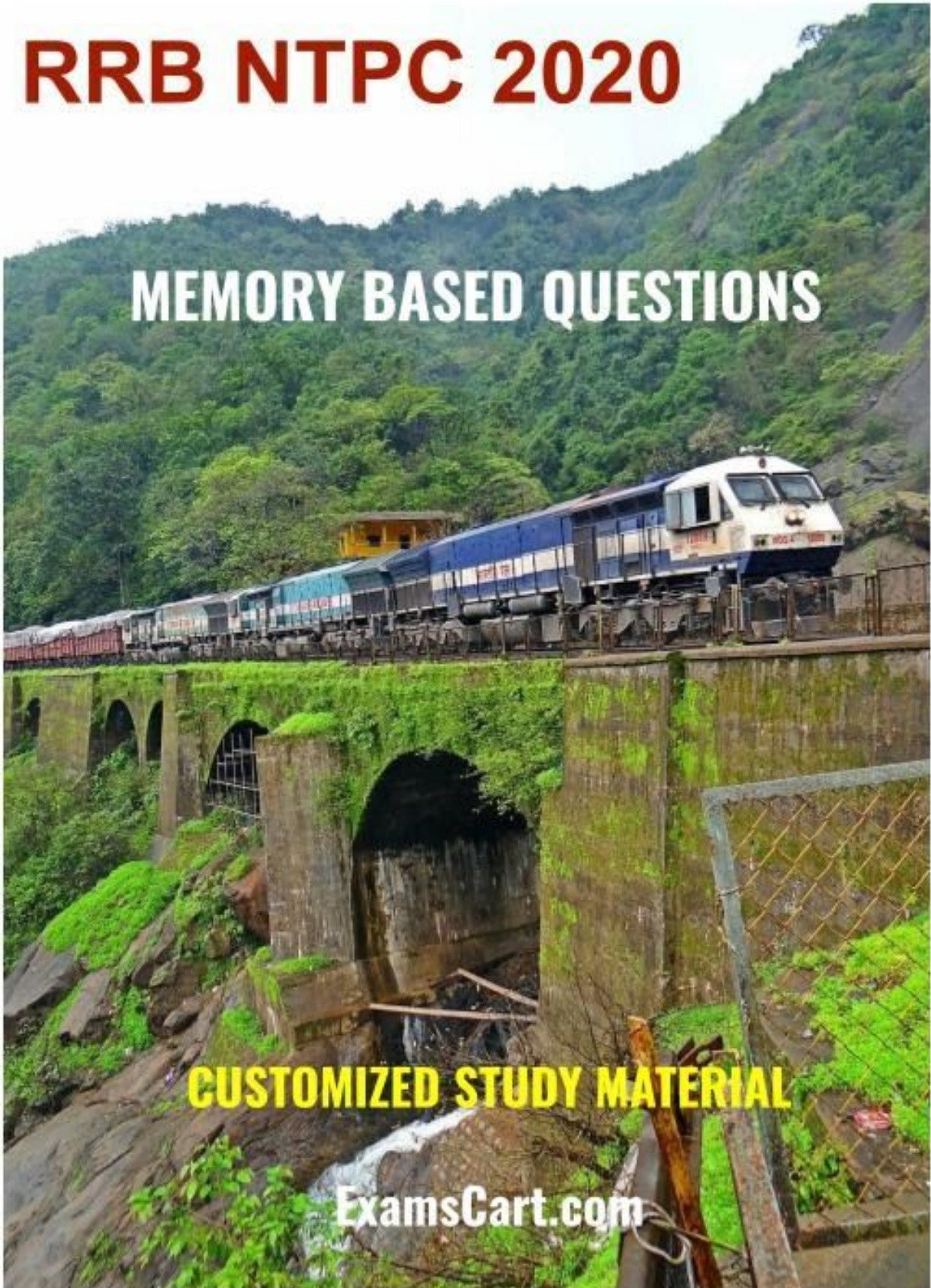


# RRB NTPC 2020

## MEMORY BASED QUESTIONS



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# RRB NTPC Memory Based Questions

28th December 2020 (English)

## RRB MI Categories Memory Based Questions: GA/GK/GS

Q1. Name the First communication satellite launched by India?

Answer: APPLE

Q2. Jallianwala Bagh Massacre, Jallianwala also spelled Jallianwala, also called Massacre of Amritsar, incident on \_\_\_\_\_.

Answer: April 13, 1919

Q3. Who was Viceroy at the time of Jallianwala Bagh?

Answer: Lord Chelmsford

Q4. Name the First Indian who got a Nobel prize in economics.

Answer: Amartya Sen (in 1998)

Q5. Which revolution is related to increased fertilizer production ?

Answer: Green revolution

Q6. Which movie won Filmfare awards best movie 2020 ?

Answer: Gully Boy

Q7. Constituent assembly was assembled by \_\_\_\_\_.

Answer: Dr. Babasaheb Ambedkar



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**Q8. Chemical formula of Hard Water is \_\_\_\_\_.**

**Answer: H<sub>2</sub>O**

**Q9. Chikankari is famous in which city of India?**

**Answer: Lucknow**

**Q10 Which is the longest national highway in India?**

**Answer: NH-44**

**Q11. DNA Double helix model was given by \_\_\_\_\_.**

**Answer: Francis Crick and James Watson**

**Q12. Desbandhu title was given to which of the freedom fighters?**

**Answer: Chittaranjan Das**

**Q13. Sharda Act is related to \_\_\_\_\_.**

**Answer: Child Marriage Restraint Act, 1929**

**Q14. How many Ramsar Sites are there in India?**

**Answer: 42**

**Q15. Who is the current Bihar governor?**

**Answer: Phagu Chauhan**

**Q16. Who is the Youngest President of India?**

**Answer: Neelam Sanjiva Reddy**



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**Q19. URL stands for**

**Answer: Uniform Resource Locator**

**Q20. Who was the first Man to Climb Mount Everest Without Oxygen?**

**Answer: Messner and Habeler**

**Q21. When did the Bengal division take place?**

**Answer: 1905**

**Q22. Rajatarangini is written by?**

**Answer: Kalhan**

**Q23. Sericulture is related to which sector?**

**Answer: Silk farming**

**Q24. Who is the current chief minister of Himachal Pradesh?**

**Answer: Jai Ram Thakur**

**Q25. Sabrimala temple is in which state?**

**Answer: Kerala**

**Q26. Ubuntu is a \_\_\_\_\_.**

**Answer: Operating system**

**Q27. Vande Bharat Express will run between \_\_\_\_\_.**

**Answer: Delhi and Varanasi**



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**Q28. When was Mangalyaan launched?**

**Answer: 5 November 2013**

**Q29. Which state has the longest coastline in India?**

**Answer: Gujarat**

**Q30. When did environmental acts pass in India?**

**Answer: 19 November 1986 (under Article 253)**

**Q31. The Second Battle of Panipat took place in which year?**

**Answer: 5 November 1556**

**Q32. The 55th Jnanpith Award is given to \_\_\_\_\_.**

**Answer: Akkitham Achuthan Namboodri**

**Q33. Where did the Khelo India Youth Games 2020 were held?**

**Answer: Guwahati**

**Q34. Which part is called the brain of a computer?**

**Answer: CPU ( Central processing unit )**

**Q25. Which bank merged with Bank of Baroda?**

**Answer: Vijaya Bank and Dena Bank**

**Q26. What is Pattachitra art?**

**Answer: Style of painting, Art forms of Odisha**



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**Q27. Who is the current DRDO Chairman?**

**Answer: Dr. G. Satheesh Reddy**

**Q28. Dandi lies in which district of Gujarat?**

**Answer: Navsari District**

**Q29. Kudankulam Nuclear Power Project (KNPP) is located in which state?**

**Answer: Tamil Nadu**

**Q30. Which Sikh guru started Panj Pyare?**

**Answer: Guru Gobind Singh**

**Q31. In which year did the Moplah revolt take place?**

**Answer: 1921**

**Q32. Which is the largest island in the world?**

**Answer: Victoria Island**

**Q33. Who is the CEO of Nokia?**

**Answer: Pekka Lundmark**

**Q34. Full form of NRU?**

**Answer: Natural Rate of Unemployment**

**Q35. Fundamental Duties were added in the constitution through which constitutional amendment?**

**Answer: 42nd Amendment Act in 1976**



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**Q36. Where is MOPLAH Revolt located?**

**Answer: Malabar, Kerala**

**Q37. Use of D20 a Nuclear in a Nuclear Reactor?**

**Answer: Required in a Nuclear reactor to slow down the neutrons produced during the fission.**

**Q38. Which Layer of Sun is visible to us?**

**Answer: Photosphere**

**Q39. When did the Battle of Plassey take place?**

**Answer: 23 June 1757**

**Q40. Who won Nobel Prize in Economics 2020?**

**Ans: Robert B. Wilson and Paul Milgrom**

**Q41. Which award is related to the Music?**

**Answer: Grammy Awards**

**Q42. Where is the NDA situated?**

**Answer: Khadakwasla, Pune**

**Q43. Which prize is given to Gully Boy?**

**Answer: Best Feature Film (Filmfare Awards 2020)**

**Q44. What is the salary of the Vice President?**

**Rs. 400,000 per month**



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**Q45. Where is HQ of BARC?**

**Answer: Trombay, Mumbai, Maharashtra**

**Q46. Who was the founder of the Slave dynasty?**

**Answer: Qutub-ud-din Aibak**

**Q47. UNDP is based on the merging of the United Nations Expanded Programme of Technical Assistance, created in \_\_\_\_\_.**

**Answer: 1949**

**Q48. Who calculated National Income for the first time in India?**

**Answer: Dada Bhai Nairoji**

**Q49. Where is the headquarters of UNDP?**

**Answer: New York, USA**

**Q50. Where is Bharatpur Located?**

**Answer: Rajasthan**

**Q51. The Swaraj Party was formed in \_\_\_\_\_.**

**Answer: 1923 by Motilal Nehru and CR Das**

**Q52. Who was the Second Prime Minister of India?**

**Answer: Lal Bahadur Shastri**

**Q53. Name of the outer membrane of the Brain?**

**Answer: Dura mater**



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**Q54. Vitamin D Deficiency can cause**

**Answer: Rickets**

**Q55. Who is the present CM of Gujarat?**

**Answer: Vijay Ramniklal Rupani**

**Q56. What is Cosmology?**

**Answer: Studies of the origin and evolution of the universe**

**Q57. Who is the CEO of Paytm?**

**Answer: Vijay Shekhar Sharma**

**Q58. Lichens helps in detecting what type of pollution ?**

**Answer: Air pollution**

**Q59. What is the theme of world environment day 2020?**

**Answer: Time for Nature**

**Q60. Which of the following pairs of countries are landlocked countries of South America?**

**Answer: Paraguay and Bolivia**

**Q57. Gandhi ji started a salt march from Dandi. Dandi is in which district?**

**Answer: Navsari**

**Q58. What is the unit of amount of substance?**

**Answer: Mole**



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**Q59. If the mass of an object on earth is 60 kg then what is its mass on the moon?**

**Which among the following is a maharatna ans: coal india limited**

**Q60. Headquarters of the UN is located in \_\_\_\_\_.**

**Answer: New York, United States**

**Q70. The first attempt to calculate national income of India was made by \_\_\_\_\_.**

**Answer: Dadabhai Naoroji in 1867 – 68**

**Q71. Name the landlocked countries in South America.**

**Answer: Paraguay and Bolivia**

**Q72. Name the Rocket launcher made by DRDO?**

**Answer: Pinaka**

**Q73. Kudankulam Power Plant is located in \_\_\_\_\_.**

**Answer: Tamil Nadu**

**Q74. The theme of World Environment Day is \_\_\_\_\_.**

**Answer: Time for Nature**

**Q75. Sukanya Samriddhi Yojana is a small deposit scheme of the Government of India meant exclusively for a \_\_\_\_\_.**

**Answer: girl child and is launched as a part of Beti Bachao Beti Padhao Campaign**

**Q76. Which of the following states is a part of seven sisters?**

**Answer: Arunachal Pradesh, Assam, Meghalaya, Manipur, Mizoram, Nagaland and Tripura**



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**Q77. Sound is a mechanical wave and cannot travel through a \_\_\_\_\_.**

**Answer: vacuum**

**Q78. If mass on earth is 80 kg. Find its mass on the moon?**

**Answer: 133.28 N**

**Q79. The national potato research center is located at?**

**Answer: Shimla, Himachal Pradesh**

**Q80. Which of the following is a Maharatna Company?**

**Answer: Bharat Heavy Electricals Limited (BHEL), Steel Authority of India Limited(SAIL), Coal India Limited (CIL), Indian Oil Corporation Limited (IOCL), National Thermal Power Corporation(NTPC), Oil and Natural Gas Corporation(ONGC), Gas Authority of India Limited(GAIL)**

**Q81. Gobi Desert is located at \_\_\_\_\_.**

**Answer: Mongolia**

**Q82. Who was the youngest President Of India?**

**Answer: Neelam Sanjiva Reddy**

**Q83. Which of the following countries are members of BIMSTEC?**

**Answer: Five Members from South Asia (Bangladesh, Bhutan, India, Nepal and Sri Lanka) and two from South-East Asia (Myanmar and Thailand)**

**Q84. Name the pass that joins Srinagar with Leh.**

**Answer: Zoji La**



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Q85. Headquarters of the International Court is located at \_\_\_\_\_.

Answer: The Hague (Netherlands)

Q86. Who is the present Governor of Madhya Pradesh?

Answer: Lalji Tandon

## RRB MI Categories Memory Based Questions: Mathematics

Q1. B is 20% less efficient than A. If A completes the work in 12 days, find the time taken by B to complete the same work.

Q2.  $\cos 2\theta = \sin \theta$  and  $(0^\circ < \theta < 90^\circ)$ , find the value of  $\theta$ ?

Q3. A number is first increased by 40% and then reduced by 40% again. Find overall increase/decrease in the Number.

Q4. A does a piece of work in 20 days and B does the same piece of work in 30 days. If they work together and A leaves the work 5 days before the completion. Find the time taken by them to complete the work.

Q5. P = 38000 is divided in two parts – R = 7%, T = 5 year; R = 10%, T = 6 years. If Interest from both parts are equal, find the sum given at 10%.

Q6. A cylinder with height 14 cm and CSA is 528 cm square. Find its volume.



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**Q7.** A train starts from station at the speed of 50 km/hr and another train starts from station B after 30 min at the speed of 150 km/hr towards each other. Find the distance of their meeting point from Station A. The distance between A and B is 750 km.

**Q8.** A principal sum of Rs. 2400 gives Rs.640 as simple interest in 4 years. Find the Interest rate.

**Q9.** In a class 70 boys and 50 girls. If 40% of girls and 50% boys attend a function, how many percent of total students attended the function?

**Q10.** A Boy can do a piece of work in 20 days and a girl can do the same piece of work in 30 days. If they work together and get 28000 as total wages, find the wages of Girl?

**Q11.** The Cost price of an article is 75% of the Marked price. If the seller offers a discount of 15% on the marked price. Then find the profit percent.

**Q12.** If the length of a rectangle is twice the breadth and the perimeter is 48 cm then find the area of the rectangle.

**Q13.** If the simple interest for 2 years at 10% interest rate is Rs.500, then what is the compound interest for 2 years at same interest rate and same principal.

**Q15.** Find the smallest number which when divided by 15, 25 and 28 gives 8 as remainder.

**Q16.** The income of A is 60% more than the income of B. If the sum of their incomes is Rs.2245 then find the difference between their incomes.

**Q17.** If  $x + y$ ,  $y + z$  and  $z + x$  can complete a work in 12, 15 and 18 days respectively. Then find the number of days in which they will complete the same work together.



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- Q18. In an equilateral triangle, the altitude is  $2\sqrt{3}$  cm then find the area of the triangle.
- Q19. The ratio of adjacent angles in a rhombus is 2:3. Find the measure of the smallest angle.
- Q20. Find the smallest 5-digit number among the given numbers which when divided by 7 gives 6 as remainder.
- Q21. Find the highest common divisor which divides 56 , 216 and 28
- Q22. Find the value of “?” in following expression:  $12\% \text{ of } 1200 + ? = 18\% \text{ of } 5400$
- Q23. Find the number of spherical balls of radius 12 cm that can be made by melting a cuboid of dimensions 28 cm x 32 cm x 36 cm.
- Q24. Simplify:  $5\sin 75^\circ \sec 15^\circ + 3\cot 15^\circ \cot 75^\circ + 2 \tan 45^\circ$
- Q25. The HCF and LCM of two numbers are 12 and 72 respectively and the sum of the two numbers is 60. Find the sum of the reciprocals of the two numbers.
- Q26. The difference between CI and Si for 2 years is Rs. 3225 at the rate of interest of 15%. Find the Principal sum.
- Q27. If the length of the side of a square is increased by 20% then find the percentage change in the area of the square.
- Q28.  $1 + 1 + 1 = \sqrt{3} \tan \theta$ . Find the value of  $\theta$ .



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Q29. You must secure 50% to declare as a pass in two subjects. In Paper-1 you got 40% out of 200, in Paper-2 how much minimum marks must you secure out of 150 marks.

Q30. In a class boys and girls ratio is 3:2 when 300 girls are added, the ratio becomes 5:2 , new number of girls?

Q31. If  $\sin\theta = 3/4$  and  $\cos\theta = 5/4$ . Find  $(1 + \tan\theta)/(1 - \tan\theta)$

Q32. If  $a^3 - b^3 = 625$ ,  $a^2 - b^2 = 25$  and  $a + b = 5$ . Find  $a^2 + ab + b^2$

Q33. If  $2x$ ,  $5x - 12$ ,  $3x - 8$  are angles of a triangle. Find the largest angle.

Q34. The ratio of length and breadth of a rectangle is 2:1 and the perimeter is 48 cm. Find the area?

Q35. If Principal is 2400, and Simple Interest 640 for 4 years, find the rate of interest?

Q36.  $(\sqrt{54} \times \sqrt{125}) / (\sqrt{24} \times \sqrt{45}) = ?$

Q37. There are 70 Boys & 50 girls. 50 % of boys attended a function and 40 % of girls attended the function. how much % of students attended the party.

Q38. Find the smallest number which when divided by 15,25,28 leaves the remainder 8 in each case?

Q39. Height of the cylinder is 14 cm and the curved surface area is 528. Find the volume?



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Q40. Find the value of  $5\sin 75 \sec 15 + 3 \cot 15 \cot 75 + 2 \tan 45$

Q41. The ratio of CP & MP of a table is 3:4. Find the profit percentage if a 15 % discount is given?

Q42. If HCF of two numbers is 12 and LCM of the same is 72. find the sum of the reciprocal of the two numbers if the sum of two numbers is 60?

Q43. The difference between CI & SI of principal P at the rate of 15% for 2 years is 3225 then find principle?

Q44. X & Y together complete a work in 12 days. y and z complete the same in 18 days. Z and X complete the same in 15 days then find the number of days in X, Y and Z together complete the work in?

Q45. Passing marks of an exam is 30 %. If A got 20 % of the total marks and failed by 72 marks then find the maximum marks of the examination.

Q46. 80 % of SP is equal to 60% of CP then find profit or loss percentage.

Q47. Each side of a square is increased to 20 % then find the change in area of the square?

Q48. If  $\cos A = 3/5$  then find  $\tan A$ ?



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## RRB MI Categories Memory Based Questions: General Intelligence

Q1. P is the brother of Q and R. T is the father of Q. S is the mother of P. Which of the following statements is incorrect referring to the given information?

Q2. Student : class :: Beauty Parlour : ?

Answer. Beautician

Q3. Pediatrics : Child :: Neurology : ?

Answer. Brain

Q4. Word Formation – DUPLICATE

Q5. Find Odd one out:

Gloves – Hand

Cap – Head

Socks – Leg

Pen – Note

Q6. Which word cannot be formed from the given word “DAUGHTER”.

Q7. Find the next term in the series: 1, 8, 27, 64, \_\_\_\_

Q8. Solve: 21 : 11 :: 31 : \_\_\_\_



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**Q9. Number series: 69, 55, 26, 13, ?**

**Q10. Questions from sitting Arrangements – 2 linear based north facing, 1 from circular**

**Q11. Statements –**

**All Pink are Red, Some Red are paint, All paint are colour**

**Conclusions-**

**A. Some Pink are colour**

**B. All Red are colour.**

**Q12. Cube and Dice – Identify which face is on the face opposite to Black?**

**Q13. Counting – Triangle based :**

**Q14. Venn diagram (entity)- Communication, telephone, letter**

**Q15. 4 : 64 :: 6 : ?**

**Q16. Mirror image – 3 Questions**

**Q17. Bullet, Knife, Rifle and Pistol related to – Weapons**



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