

DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

# RRB GROUP D

## TEST SERIES

DATE- \_\_/\_\_/\_\_

DAY- \_\_\_\_\_

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 14

QUESTION- 100

MARKS- 100

NEGATIVE MARK- 0.33

DURATION- 90 MIN.

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through the examiner.
3. There are a total of 100 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.

6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out only with his permission after submitting the ORIGINAL COPY of the answer sheet to the invigilator.
10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
11. 1 marks will be given for each correct answer and 0.33 marks will be deducted for each wrong answer.



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Total: 100 Que.

RRB Group D 2025 - Set 14 English  
Language

Time: 90 Min.

**Group D**

- 1). Three of the following four letter clusters are alike in a certain way and one is different. Find the odd one out.

(a) CGAF - XTZU (b) JMLI - QNOR  
(c) WYSO - DBHL (d) TNXU - GMDF

- 2). In the following question, select the odd number pair from the given alternatives.

(a) 35-53 (b) 89 - 97 (c) 64 - 46 (d) 51 -15

- 3). In the following question, select the odd number-pair from the given alternatives.

(a) 25 – 49 (b) 64 – 100 (c) 196 – 256  
(d) 361 -440

- 4). In the following question, select the odd number-pair from the given alternatives.

(a) 15 – 3370 (b) 12 -1728 (c) 21 -9261  
(d) 8 - 512

- 5). Three of the following four words are alike in a certain way and one is different. Find the odd one out.

(a) Korea (b) Austria (c) Denmark (d) Hungary

- 6). Select the option that is related to the third term in the same way as the second term is related to the first term.

CO : HU :: TG : ?

(a) YN (b) XN (c) YM (d) XM

- 7). Select the option that is related to the third term in the same way as the second term is related to the first term.

ACF : ZXU :: ILB : ?

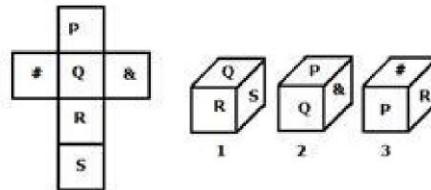
(a) RNY (b) ROY (c) RNZ (d) ROZ

- 8). Three positions of a cube are shown below. Find the symbol is opposite to \$.



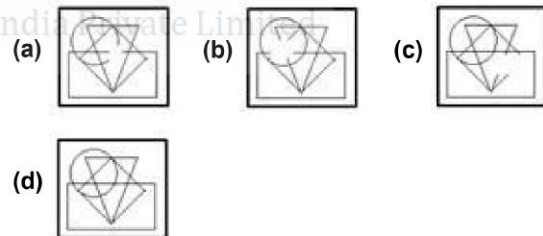
(a) Black face (b) ~ (c) # (d) %

- 9). Select the wrong box number from given alternatives which is not similar to the box formed from the given sheet of paper X.



(a) only 1 (b) only 2 (c) only 3 (d) only 1 and 3

- 10). From the given answer figures, select the one in which the question figure is hidden/embedded. Question Figure:



- 11). Select the figure in which the given figure is embedded.



- 12). A figure analogy is given below. Understand the logic behind it and complete the analogy for the next figure.



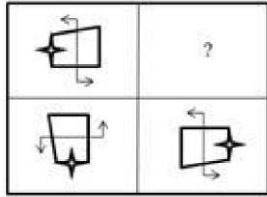
- 13). A figure analogy is given below. Understand the logic behind it and complete the analogy for the next figure.





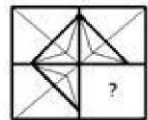
- (a) (b) (c) (d)

- 14). Which answer figure will complete the pattern in the question figure?



- (a) (b) (c) (d)

- 15). Which answer figure will complete the pattern in the question figure?



- (a) (b) (c) (d)

- 16). Select the correct equation from the given options after interchanging operations '-' and 'x' and numbers '4' and '5'.

- (a)  $9 - 4 \times 5 = 21$  (b)  $5 \times 4 - 9 = 7$  (c)  $5 \times 9 - 4 = 4$   
(d)  $4 - 5 \times 9 = 11$

- 17). Select the correct combination of mathematical signs to replace \* signs and to balance the equation.  
 $21 * 3 * 12 * 9 * 93$

- (a)  $\div \times + =$  (b)  $\times \div + =$  (c)  $= \div \times +$  (d)  $= \times \div +$

- 18). Select the letter-cluster that can replace the question mark (?) in the following series.

FRU, HPS, JNQ, (?), NJM

- (a) LPP (b) LLO (c) LOL (d) LOP

- 19). Select the letter-cluster that can replace the question mark (?) in the following series.

C, B, B, C, Z, E, W, H, S, ?, N

- (a) I (b) P (c) K (d) L

- 20). In a certain code, 'NORMAL' is written as 'IJMHVG'. How 'PRESENT' is written in that code?

- (a) KMZNZIO (b) KIZNYIP (c) KMZNYIO  
(d) KMZNYJO

- 21). In a certain code language, OPPORTUNITY is written as BGRMFGILKKL. How will FIREWORK be written as in that language?

- (a) PLIDVIUR (b) PILDVURI (c) PILDVIRU  
(d) PILPUVIR

- 22). Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?



- (a) (b) (c) (d)

- 23). Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?



- (a) (b) (c) (d)

- 24). In the following question, a certain series of numbers or letters is given of which one series is empty. You have to decide which of the alternative series of the answer will be used in the blank space that is originally related to the sequence of that series.

D20T, F22U, C19R, G23V, ?

- (a) H23W (b) H23U (c) H24W (d) H21W

- 25). In the following question, a certain series of numbers or letters is given of which one series is empty. You have to decide which of the alternative series of the answer will be used in the blank space that is originally related to the sequence of that series.

11MG, 15IK, 18FN, 20DP, ?

- (a) 21CO (b) 21CP (c) 21QC (d) 21CQ

- 26). If MIKE = 4925, DICE = 4935, then LIGHT = ?

- (a) 58782 (b) 39412 (c) 39782 (d) 39692

- 27). If in a certain code, ARMY is written as 59065125, How will NAVY be written in that language?

- (a) 705110125 (b) 906220130 (c) 805110454  
(d) 504130130

- 28). In a certain code language, DROP is written as 17280. How will LIKE be written as in that

language?

- (a) 5940 (b) 6450 (c) 7670 (d) 8960

29). Three of the following four letter clusters are alike in a certain way and one is different. Find the odd one out

- (a) JNSY (b) AEJP (c) CGLS (d) FIMR

30). Three of the following four letter clusters are alike in a certain way and one is different. Find the odd one out.

- (a) ABbCD (b) GHhIJ (c) JKkLN (d) UVvWX

31). The angle of elevation of the top of a tree from a point on the ground which is 300 m away from the tree is  $30^\circ$ . When the tree grew up, its angle of elevation of the top of it became  $60^\circ$  from the same point. How much did the tree grow?

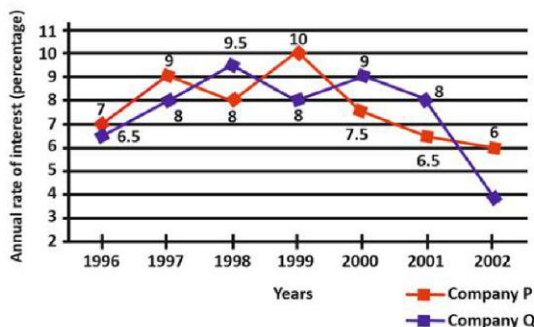
- (a) 342 m (b) 364 m (c) 384 m (d) 346 m

32). Two persons A and B are paid a total of Rs 2,040 per week by their employer. If B is paid 140 per cent of the sum paid to A, then how much is A paid per week?

- (a) Rs 750 (b) Rs 820 (c) Rs 850 (d) Rs 800

33). Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year to year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below. Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



A sum of Rs 3.5 lakhs was invested in company P in the year 2000 for one year. How much more simple interest will accrue if the amount was invested in company Q?

- (a) Rs 5,500 (b) Rs 5,000 (c) Rs 5,200  
(d) Rs 5,250

34). Two equilateral triangle of side  $10\sqrt{3}$  cm is joined to form a quadrilateral. What is the altitude of the quadrilateral?

- (a) 12 cm (b) 14 cm (c) 16 cm (d) 15 cm

35). A batman scores 92 runs in the 15<sup>th</sup> inning and thus increases his average by 4. What is his average after the 15<sup>th</sup> inning?

- (a) 40 (b) 32 (c) 35 (d) 36

36). From a point P which is at a distance of 10 cm from the centre O of a circle of radius 6 cm, a pair of tangents PQ and PR to the circle at point Q and R respectively, are drawn. Then the quadrilateral PQOR is equal to

- (a) 30 sq.cm (b) 40 sq.cm (c) 24 sq.cm  
(d) 48 sq.cm

37). The value of

$$\frac{17.35 + \frac{7}{5} \text{ of } 55 - 7}{(42 \div 6 \times 8.35) - \frac{3}{7} \text{ of } \left(\frac{2}{3} - \frac{1}{5}\right) + [291 \div (80 \div 8)]}$$

is:

- (a) 2 (b) 4 (c) 1 (d) 3

38). If  $a - b = 5$  and  $a^2 + b^2 = 45$ , then the value of  $ab$  is:

- (a) 25 (b) 10 (c) 15 (d) 20

39). The salaries of Raju and Peter are in the ratio 3 : 5. If the salary of each is increased by Rs 2,500, then the new ratio is 11 : 15. What is Peter's before increment salary?

- (a) Rs 3,500 (b) Rs 2,500 (c) Rs 4,000  
(d) Rs 5,000

40). If the perimeter of an isosceles right triangle is  $(16\sqrt{2} + 16)$  cm, then the area of the triangle is:

- (a) 76 sq.cm (b) 64 sq.cm (c) 58 sq.cm  
(d) 66 sq.cm

41). There is a 15% discount on 8 shirts marked at Rs 9,600. How many shirts can be bought with Rs 5,100?

- (a) 4 (b) 5 (c) 3 (d) 6

42). The angle of elevation of a ladder leaning against a wall is  $60^\circ$  and the foot of the ladder is 6.5 m away from the wall. The length of the ladder is:

- (a)  $6.5\sqrt{3}$  m (b)  $13\sqrt{3}$  m (c) 12 m (d) 13 m



43). Two pipes A and B can fill a tank in 18 minutes and 24 minutes respectively. If both the pipes are opened simultaneously, then after how much time should pipe B be closed so that the tank is full in 12 minutes?

- (a) 6 minutes (b) 9 minutes (c) 8 minutes  
(d) 5 minutes

44). If  $x^4 + x^{-4} = 2599$ , then one of the values of  $x - x^{-1}$ , where  $x > 0$ , is equal to:

- (a) 9 (b) 7 (c) 5 (d) 8

45). The HCF and LCM of two numbers are 8 and 48 respectively. If the ratio of the two numbers is 2 : 3, then the larger of the two numbers is :

- (a) 24 (b) 18 (c) 48 (d) 16

46). A shopkeeper has announced 40% rebate on the price of TV sets at the time of sale. If a purchaser needs to have a rebate of 26,400, then how many TV sets each costing 6,000 should he purchase?

- (a) 9 (b) 11 (c) 8 (d) 12

47). A circular wire of diameter 77cm is bent in the form of a rectangle whose length is 142% of its breadth. What is the area of the rectangle?

(Take  $\pi = 22/7$ )

- (a) 3520 sq.cm (b) 3450 sq.cm (c) 3550 sq.cm  
(d) 3620 sq.cm

48). A cuboidal tank has 25000 litres of water. If the depth of the cuboid is  $\frac{1}{4}$  of its length and breadth is  $\frac{1}{5}$  of its length, then the length of the tank is:

- (a) 120 m (b) 100 m (c) 150 m (d) 180 m

49). A tank is filled in 4 hours by three pipes A, B and The pipe C is twice as fast as B and pipe B is thrice as fast as How much time will pipe A alone take to fill tank?

- (a) 25 hours (b) 40 hours (c) 30 hours  
(d) 32 hours

50). A single equivalent discount equivalent to three successive discounts of 10%, 16% and 25%, is equal to:

- (a) 42% (b) 46.5% (c) 41% (d) 43.3%

51). A rectangular sheet of paper which is 88 cm long and 11 cm wide is rolled to form a cylinder of height equal to its width of the paper. What is the volume of the cylinder so formed?

- (a) 7676 cm<sup>3</sup> (b) 6776 cm<sup>3</sup> (c) 6546 cm<sup>3</sup>  
(d) 6786 cm<sup>3</sup>

52). Twelve solid hemisphere of the same size are melted and recast to in an right circular cylinder of diameter 7 cm and height 28 cm. What is the radius of the hemispheres?

- (a) 4.5 cm (b) 3.5 cm (c) 3 cm (d) 3.8 cm

53). What is the sum of the greatest three digit number and smallest four digit number such that their HCF is 23?

- (a) 2001 (b) 2002 (c) 1984 (d) 1998

54). Two times of A's salary is five times of B's salary and four times of B's salary is twice C's salary. What is A's salary if C's salary is Rs 1,600?

- (a) Rs 2,000 (b) Rs 2,500 (c) Rs 2,600  
(d) Rs 3,000

55). Vaibhav can do a piece of work in 60 days. He works there for 15 days and then Sandeep alone finishes the remaining work in 30 days. In how many days will Vaibhav and Sandeep working together finish the work?

- (a) 20 days (b) 24 days (c) 18 days (d) 22 days

56). Which of the following dance is associated with the worship of snake goddess Manasa?

- (a) Bagurumba (b) Deodhani (c) BhortalNritya  
(d) Bihu

57). Which of the following dance forms does not belong to Rajasthan?

- (a) Ghoomar (b) Jat-Jatin (c) Chari (d) Chakri

58). Bamboo staves are used in which of the following dance?

- (a) Chang Lo (b) Cheraw (c) Bhortal Dance  
(d) Hojagiri

59). Which of the following personalities has inspired the Dalit movement?

- (a) Hargobind Khorana (b) Rabindranath Tagore  
(c) Mother Teresa (d) Dr B.R. Ambedkar

60). Which of the following personalities suspended Habeas Corpus in Maryland?

- (a) Abraham Lincoln (b) John Locke  
(c) Alexander Fleming (d) John Dalton

61). Who was credited with preparing the Lotus Song, a translation of 'Gita' into English.

- (a) Annie Besant (b) Indira Gandhi  
(c) Swami Vivekanand (d) Amartya Sen

62). Which of the following personalities was the leader of the US forces during the American Revolution?

- (a) John Adams (b) Thomas Jefferson  
(c) George Washington (d) Samuel Adams

63). Which of the following awards does not come under Civilian Awards?

- (a) Bharat Ratna (b) Padma Bhushan  
(c) Padma Shri (d) Param Vir Chakra

64). What is the diameter of Ashok Chakra medal?

- (a) 1.4 inch (b) 1.38 inch (c) 1.05 inch  
(d) 1.04 inch

65). Ashoka Chakra comes under which category of Awards?

- (a) War-time Gallantry Awards (b) Civilian Awards  
(c) Peace-time Gallantry Awards  
(d) Academy Awards

66). Which of the following Grand Slam tournaments is not matched with the respective sports court?

- (a) French open-clay court  
(b) Australian Open - Hard Court  
(c) Wimbledon - Grass Court  
(d) US Open-Clay Court

67). Which Indian player won both the gold and bronze medal Parachuting World Cup (2021) held in Al Ain, United Arab Emirates?

- (a) Rahul Jakhar (b) Sinharaj (c) Avani Lakhara  
(d) Siddharth Babu

68). Sir Ludwig Guttmann is known as the father of which sport?

- (a) Olympic (b) Asian Games (c) Paralympics  
(d) Commonwealth

69). In which year did Operation Blackboard start?

- (a) 1980 (b) 1982 (c) 1987 (d) 1990

70). In which year did the National Games start in India?

- (a) 1924 (b) 1928 (c) 1932 (d) 1936

71). Which Australian player has recently announced his retirement from ODI cricket?

- (a) Pat Cummins (b) Travis Head  
(c) Marcus Stoinis (d) None of the above

72). When did India participate in the Commonwealth Games for the first time?

- (a) 1930 (b) 1934 (c) 1938 (d) 1942

73). Where is the highest hockey ground in India?

- (a) Gangtok (b) Silaru (c) Jammu and Kashmir  
(d) Leh

74). Recently, maternal mortality rate has decreased by what percentage in India?

- (a) 69 % (b) 83 % (c) 42 % (d) 55 %

75). Recently, who has become the fifth Indian bowler to take 600 wickets in international cricket?

- (a) Jasprit Bumrah (b) Axar Patel  
(c) Ravindra Jadeja (d) None of the above

76). A ball is dropped from a height of 80m. The distance travelled by it in the fourth second will be \_\_\_\_\_ (take  $g = 10\text{m/s}^2$ )

- (a) 50 m (b) 80 m (c) 35 m (d) 15 m

77). The breakdown of pyruvate using  $\text{O}_2$  takes place in the \_\_\_\_\_.

- (a) lysosomes (b) Mitochondria (c) Vacuoles  
(d) Nucleus

78). In induced current is highest when the direction of motion of the coil is at \_\_\_\_\_ with respect to the magnetic field.

- (a)  $180^\circ$  (b)  $90^\circ$  (c)  $45^\circ$  (d)  $0^\circ$



79). A ray of light passes from water to glass. It bends-

- (a) towards the normal and speeds up
- (b) towards the normal and slows down
- (c) away from the normal and speeds up
- (d) away from the normal and slows down

80). The pH of the solutions are given. Which of the solutions has the highest concentration of hydrogen ions? 4.7, 8.0, 2.4, 10.1

- (a) 4.7 (b) 10.1 (c) 2.4 (d) 8.0

81). An electric lamp of 120w is used for 8 hours per day. Calculate the units of energy consumed by the lamp in one day,

- (a) 16.00 units (b) 0.96 units (c) 2.00 units
- (d) 1.50 units

82). What is the correct formula of calcium hydroxide?

- (a) CaOH (b) CaOH<sub>2</sub> (c) Ca<sub>2</sub>OH (d) Ca(OH)<sub>2</sub>

83). Which of the following is malleable and ductile?

- (a) Phosphorus (b) Copper (c) Carbon
- (d) Sulphur

84). A 40 kg girl runs up a flight of stairs having a rise of 5 m in 4 s. The power developed by her will be (take  $g = 10 \text{ m/s}^2$ )

- (a) 200 W (b) 2000 W (c) 500 W (d) 100 W

85). The weight of an object on the moon is how many times its weight on the earth?

- (a)  $\frac{1}{5}$  times (b)  $\frac{1}{6}$  times (c) 5 times (d) 6 times

86). In which group of the modern periodic table are halogens placed?

- (a) 1st (b) 17th (c) 16th (d) 18<sup>th</sup>

87). In which of the following plants is the plant body NOT differentiated into roots, stem and leaves?

- (a) Chara (b) Marsilea (c) Spirogyra (d) Riccia

88). Which one of the following is NOT a simple permanent tissue?

- (a) Sclerenchyma (b) Xylem (c) Parenchyma
- (d) Collenchyma

89). Two resistors, one of 10  $\Omega$  and the other of 20  $\Omega$ , are connected in series to a 6v battery. The current in the circuit will be \_\_\_\_\_.

- (a) 0.2 A (b) 0.6 A (c) 0.3 A (d) 0.9 A

90). Which of the following compounds does NOT possess water of crystallisation?

- (a) Copper sulphate (b) Baking soda (c) Gypsum
- (d) Washing soda

91). Sound waves with frequencies below the audible range are called.

- (a) Ultrasonic (b) Ultrasound (c) Supersonic
- (d) Infrasonic

92). Who classified the elements based on atomic number?

- (a) Mendeleev (b) Dobereiner (c) Newland
- (d) Moseley

93). The velocity of vertically thrown ball, with time, will be-

- (a) Downwards positive (b) Downwards negative
- (c) Upwards positive (d) Upwards negative

94). The point where entire weight of an object acts is known as \_\_\_\_\_

- (a) Centre of gravity (b) Centre of mass
- (c) Centre of pressure (d) Centre of Friction

95). If two unequal masses possess the same kinetic energy, then the heavier mass has.

- (a) lower speed (b) higher speed
- (c) lesser momentum (d) greater momentum

96). 5-8% acetic acid is called:

- (a) Ethanol (b) Vinegar (c) Ester
- (d) Glacial Acetic Acid

97). Which of the following animals reproduces by budding and can also carry out regeneration?

- (a) Planaria (b) Hydra (c) Plasmodium
- (d) Yeast

98). Electric bulbs are usually filled with chemically-inactive gases like \_\_\_\_\_.

- (a) Hydrogen (b) Oxygen (c) Chlorine
- (d) Nitrogen

99). Which of the following hormones brings about changes in appearance seen in boys at the time of puberty?

- (a) Insulin (b) Thyroxin (c) Animal Hormone  
(d) Testosterone
- 

100). A chemical reaction in which heat is generated is called a/ an\_\_\_\_\_

- (a) Exothermic reaction (b) Combustion reaction  
(c) Endothermic reaction (d) Displacement reaction
- 

