

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

RRB ALP

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 03

QUESTION- 75

MARKS- 75

NEGATIVE MARK- 1/3

DURATION- 60 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 75 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 1/3 MARKS WILL BE DEDUCTED FOR EACH WRONG ANSWER.



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Website:- www.spardha.guru

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HELPLINE 90711 54445, 90711 64446, 90711 74447

Total: 75 Que.

RRB ALP CBT I Set 03

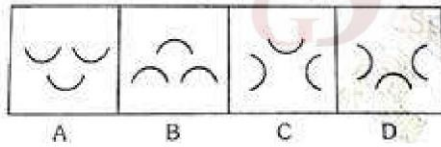
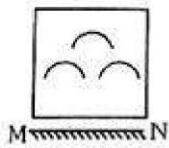
Time: 60 Min.

RRB ALP CBT I

1). Which ministry has recently launched 'Project Pari'?

- (a) Ministry of Health (b) Ministry of Culture
(c) Ministry of External Affairs
(d) Ministry of Education

2). Choose mirror image for the following shape.



- (a) C (b) D (c) A (d) B

3). A pill of 10g mass emerges from the rifle at the initial speed of 1000 m/s and strikes the velocity of 500 m/s at the same level on earth. What will be work (in Joule), when facing the resistance of air?

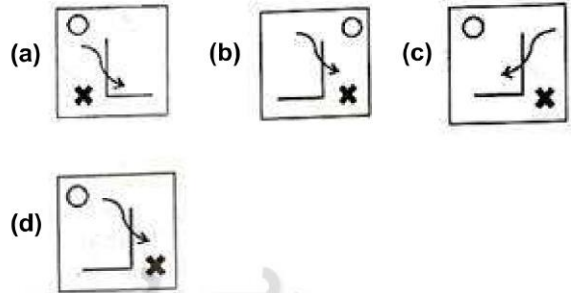
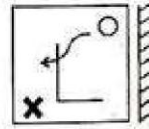
- (a) 3750 (b) 5000 (c) 375 (d) 500

4). After investing an amount of 7.5% simple interest rate per annuma, it becomes Rs. 819 after the completion of 4 years. What was the investment amount?

- (a) Rs.630 (b) Rs.620 (c) Rs.660 (d) Rs.640

5). If the mirror is placed on the right side of the shape then tell the correct mirror image of the

given shape.



6). _____ tissue transports food to plants.

- (a) Collenchymas (b) Phloem (c) Xylem
(d) Paraenchyma

7). Manika walks around her farm in a slow pace. She starts walking after looking west and then turns 45° her right and moves in 500m. What direction is she facing now?

- (a) South (b) South (c) North (d) North

8). Where has President Draupadi Murmu recently launched the 'Lifestyle for Sustainability' campaign?

- (a) Mumbai (b) Bhubaneswar (c) Bengaluru
(d) Chennai

9). What is the unit of ionization energy?

- (a) N/m² (b) Joule (c) KJ m⁻¹
(d) KJmol⁻¹

10). If a : b = 4:5 and a : c = 3 : 4 then find out b:c?

(a) 15 : 16 (b) 5:4 (c) 3:5 (d) 13 : 14

11). What are the next three words in this series?

61,61, 37, 67,67, 52, 71, 71,.....

(a) 67, 73, 73 (b) 67, 75, 75 (c) 65,75,75
(d) 65,73,73

12). By considering the following question, decide which statement is sufficient to answer

the question?

Question:

Find the value of $p^2 - q^2$

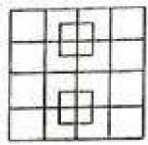
Statement:

i. If $p + q = 12$

ii. If $p q = 4$

(a) Neither i nor ii is sufficient
(b) Only i is sufficient
(c) i and ii both is sufficient
(d) Only ii is sufficient

13). Calculate the number of squares in given figure?



(a) 40 (b) 46 (c) 44 (d) 42

14). What is the unemployment rate in India in the financial year 2023-24?

(a) 05% (b) 7.5% (c) 06% (d) 08%

15). How many multiples of 4840 are there?

(a) 26 (b) 27 (c) 24 (d) 25

16). Pradeep and Ashok were running in the opposite direction. If Pradeep was running in the direction of North-West, then which direction was Ashok running?

(a) South (b) North (c) North (d) South

17). _____ is a public sector industry.

(a) TISCO (b) SAIL (c) Amul
(d) Reliance Petroleum

18). What is SI unit of Momentum?

(a) mol (b) rad (c) KG m/s (d) wb

19). There are Builders and destroyers in a computer game. They are 32. Some of them try to make a wall around a pal ace, while the others try to demolish it. Every builder can build the wall alone in 36 hours and the destroyer can 32 are active when the wall is not there and the wall is built in 2.5 hours, then how many of them are destroyer?

(a) 10 (b) 8 (c) 6 (d) 12

20). What kind of vegetation spread is seen in chrysanthemum?

(a) Offset (b) Sucker (c) Runner (d) Stolon

21). Value of Avagadro constant is ___?

(a) 6.022×10^{21} (b) 6.022×10^{22} (c) 6.022×10^{24}
(d) 6.022×10^{23}

22). From today before Y years , Joon's age was $\frac{2}{7}$ of Janaki. From today onwards after Y years, Joon's age will be $\frac{2}{3}$ of Janaki's age. What is the ratio of the present age of June and Janaki?

(a) 2:7 (b) 6 : 11 (c) 3:4 (d) 9: 16

23). Where has Prime Minister Modi recently paid tribute to the 'Tomb of Unknown Soldiers'?

- (a) Bangladesh (b) Russia (c) Austria
(d) France

24). The tissue that makes the plant hard and strong is called

- (a) collenchyma (b) aerenchyma
(c) sclerenchyma (d) parenchyma

25). Read the statement given below and consider the given facts as true, even if they appear different from the usual known facts. Decide with the two findings given to them, which conclusions follow them in logical terms?

Statement:

All jaguars are Cheeta.

All Cheetas are leopards

All leopards are panthers.

All panthers are cats.

Conclusions:

I. Some cats are cheeta.

II. Some panthers are cheetas.

- (a) Both conclusion I and II follows.
(b) Only conclusion I follows.
(c) Neither conclusion I nor II follows.
(d) Only conclusion II follows.

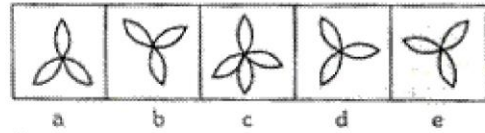
26). What was the name of the first Governor General of free India?

- (a) Ane Besant (b) M.N. Prasad (c) C.V. Raman
(d) C. Rajgopalachari

27). If 8219 x is divisible by 11 then what is the value of x?

- (a) 3 (b) 4 (c) 2 (d) 5

28). Iliana is smart enough to choose inconsistent. Who does she choose from below?



- (a) a (b) D (c) e (d) C

29). If X is the husband of Aamir's mother's sister then what is the relation between x and Amir?

- (a) Brother (b) Father (c) Uncle (d) Nephew

30). If the molecular formula of ethane, hydrogen chloride and glucose are C_2H_6 , HCl and $C_6H_{12}O_6$ respectively, then what will be their related empirical formulas?

- (a) $2CH_3$, HCl and $6CH_2O$
(b) CH_3 , HCl and CH_2O (c) CH , HCl and CHO
(d) C_2H_6 , HCl and $C_6H_{12}O_6$

31). Who said "Ishwar hamen bhala chahne wale logon se bachaye"?

- (a) Kiran Desai (b) R.K. Narayan
(c) Vikram Seth (d) Khushwant Singh

32). By reading the statement given below, decide which conclusion logically follows that statement ?

Statement:

Now a days the prices of goods are increasing.

Conclusion:

i. All things are becoming scarce.

ii. People cannot eat things.

- (a) Neither conclusion I nor II follows
(b) Both conclusion I and II follows

- (c) Only conclusion I follows
(d) Only conclusion II follows

33). Pipes A and B can fill a tank in 15 and 12 minutes, respectively. Pipes C can trigger the same tank at the rate of 2 liter/minute, when the tank is full. If all the three pipes are operational at one time then It takes $8\frac{4}{7}$ minutes to fill the tank. What is the capacity of the tank?

- (a) 90 Litre (b) 75 Litre (c) 60 Litre
(d) 80 Litre

34). What is the SI unit of resistance?
(a) Ohm Ω (b) Ampere (c) Coulomb
(d) Ohm meter (Ω m)

35). Identify the odd one.

- (a) N (b) Pa (c) dyne cm^{-2} (d) Nm^{-2}

36). In the following question there is one statement and two argument. You have to decide which logic is strong ?

Statement:

Should TV plays stop?

Argument: (i) Yes they show very negative perspectives in life circu-mstances which are affecting some communities of society to mimic the

same behavior.

ii No, this is a great interesting entertainment for older people.

- (a) Only argument II is strong.
(b) Argument I and II both are strong.
(c) Only Argument I is strong.
(d) Neither argument I nor II is strong.

37). Consider the given statement and decide which of the given assumptions is contained in the statement.

statement:

Read instruction before start playing the game.

Assumptions:

- i. The game is being organized
ii. No blind person is playing sports.
iii. The players are literate.

- (a) Only i is inherent
(b) Only i and iii is inherent
(c) None is inherent. (d) All are inherent

38). If $1234x$ is divisible by 11 then what is the value of X?

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

39). 60 men can do any work with in 17 hours. After 6 days, 5 workers left the job. How long will it take to complete the work since then?

- (a) 15 (b) 13 (c) 12 (d) 16

40). The median of the three numbers is 38 and the data range is 31. The middle number is 20 less than the sum of the other two numbers. What is the largest number of these three numbers?

- (a) 49 (b) 51 (c) 47 (d) 45

41). A and B are friends and A is two years older than B. A's father D is twice as old as A and the age of B is two times from the age of his sister C. The age difference between D and C is 40 years. Find out the age of A?

- (a) 25 year (b) 26 year (c) 40 year (d) 15 year

42). Based on the following written question, decide which statement is sufficient to answer the question?

Question:

In the given statements, Identify the code number of SUN.

Statement:

a. The GUN is written as HUN and TUN is written as UUN.

b. SUN rises from the east.

(a) Only statement a is sufficient.

(b) Only statement b is sufficient.

(c) Neither statement a nor b is sufficient.

(d) Both statement a and b is sufficient.

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

Error: Big mistake : Deny :

(a) Prohibition (b) Dig (c) Deep (d) Den

44). A person of 80 kg masses runs through force of 240 N. His acceleration should be _____

(a) 3 ms^{-2} (b) 8 ms^{-2} (c) 24 ms^{-2} (d) 4 ms^{-2}

45). What is trajectory velocity?

(a) Uneven wheels of electrons

(b) Absolutely fixed velocity

(c) In the conductor the electrons run at constant speed.

(d) Fast moving object

46). Recently, HCL Tech Chairman Roshni Nadar has received the highest civilian honor of which country?

(a) Russia (b) Germany (c) France (d) Jordan

47). Bat detects obstruction of the path by receiving the reflected

(a) Ominous waves (b) Radio Waves

(c) Ultrasound Waves

(d) Electromagnetic Waves

48). If 'X' is considered as '-' and '□' is considered as '+' then find the value of $\{(55 \times 50) \square 25\} \square 125$.

(a) 125 (b) 145 (c) 155 (d) 150

49). In Convex lens, the focal length is?

(a) Infinite (b) Positive (c) Negative (d) Zero

50). A particle is executed by the power of constant magnitude, which is always perpendicular to the particle's velocity, the motion of the particle is in a plane surface. it follows that _____.

(a) Its velocity is constant

(b) Its acceleration is constant

(c) Its kinetic energy is constant

(d) Its distance is constant

51). If $\frac{1}{a} - \frac{1}{a} = 7$, then $\frac{1}{a^3} - \frac{1}{a^3} = ?$

(a) 364 (b) 343 (c) 357 (d) 322

52). $(3.7 - 2.931 + 0.12) \times 0.37 = ?$

(a) 0.37893 (b) 0.33893 (c) 0.32893

(d) 0.35893

53). There are two electrons in the outermost cell of the _____ element.

(a) Chlorine (b) Magnesium (c) Boran

(d) Carbon

54). Which of the statements given to answer the question is sufficient / immovable?

question:

Is this a box?

Statement:

I. It opens with flaps and closes.

II. It can be used to store various items.

(a) Either Statement I or II is sufficient.

(b) Only Statement I is sufficient and II is not sufficient.

(c) Only Statement II is sufficient and I is not sufficient.

(d) Statement I and II both is sufficient.

55). 36kg of gunpowder, 27kg shora, 5.4 kg of charcoal and some quantity of sulfur. Find the percentage of sulfur?

(a) 10% (b) 15% (c) 8% (d) 100%

56). What will be the next term in the following series?

4D3C, 7G6F, 10J9I, ?

(a) 12L13N (b) 13K12L (c) 13M12L

(d) 13L12M

57). Read the given statements and findings carefully and choose which conclusions follow the statement rationally.

Statement: Fruits and vegetables grown at home are good for health compared to imported fruits and vegetables, which are maintained to show freshness using artificial conditions.

Conclusion:

i. Imported vegetables are maintained under artificial conditions.

ii. Fruits and vegetables grown at home are usually fresh

(a) Both conclusion i and ii follows
(b) Neither conclusion i nor ii follows
(c) Only conclusion ii follows
(d) Only conclusion i follows

58). Which of the following is not a fundamental right in the Constitution of India?

(a) Right to property
(b) Right against exploitation
(c) Right to equality (d) Right to freedom

59). Chief Election Commissioner is appointed by whom?

(a) President (b) Vice President

(c) prime Minister (d) Chief Minister

60). Railway tracks are laid on Wooden sleepers. What does it produce?

(a) Large area, where pressure decreases
(b) Large area, which increases pressure
(c) Wooden slippers are easily found
(d) Small area, where pressure increases

61). Two friends stand outside the garden there. The parking spot is 500 meters away from the entrance of the garden and it is situated 90 degrees on the left side of the garden entrance. If the entrance to the garden is east, then what is the direction of the parking place ?

(a) South (b) East (c) North (d) West

62). Which of the following metals is present in its native state?

(a) Platinum (b) Iron (c) Potassium
(d) Copper

63). The Four numbers arranged in ascending order are w, x, y, and z. The average of the smallest 3 numbers is 23, whereas the average of the three largest numbers is 29. What is the range of figures?

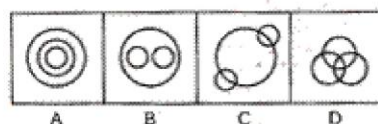
(a) 15 (b) 21 (c) 24 (d) 18

64). The fertile Ganga Plain is made of rich _____ soil.

(a) Black (b) Alluvial (c) Dry (d) Red

65). Choose the Venn Diagram that best describes the three sections given below.

State, District, City



(a) B (b) C (c) D (d) A

66). Who has recently been selected as the 'ICC Player of the Month' for June 2024?

(a) Smriti Mandhana (b) Jaspreet Bumrah
(c) Both of the above (d) Suryakumar Yadav

67). Which of the following metals is used for electric coating of the iron content?

(a) Silver (b) Aluminium (c) Calcium
(d) Zinc

68). If the word "ASTEROID" is arranged in alphabetical order and in alphabetical order, the numeric value of each letter is assigned 1,2,3, then what is the sum total of the position of the consonants from the left?

(a) 24 (b) 22 (c) 23 (d) 25

69). Which of the following is not a homogenous series?

(a) C_4H_9 (b) CH_4 (c) C_2H_6 (d) C_3H_8

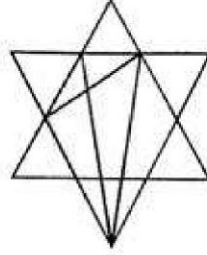
70). The four friends Bipin, Anwar, John and Dhoni are playing cards. Anwar and Bipin are partners. If Anwar is facing west then who is facing south?

(a) Anwar (b) Dhoni (c) Bipin (d) John

71). Non-striated muscles are

(a) Multicellular (b) Non cellular
(c) Unicellular (d) Bicellular

72). How many triangles are there in the picture below?



(a) 19 (b) 23 (c) 17 (d) 30

73). What is the total number of observation coming in the figures repeatedly?

(a) Range (b) Frequency (c) Mean
(d) Median

74). Humayun's Tomb, built in 1570, is a good example of the great architecture.

(a) British (b) Chole (c) Mughal (d) Magadh

75). A long train of 158.5m crosses 761.5m long bridge in 46 seconds. What is the speed of this train?

(a) 72 km/h (b) 78 km/h (c) 75 km/h
(d) 80 km/h