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RRB ALP

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 04

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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Total: 75 Que.

RRB ALP CBT I Set 04

Time: 60 Min.

RRB ALP CBT I

1). Which of the following plant groups results in pollination?

- (a) Briophyta (b) Thalophyta (c) Pteridophyta
(d) Angiosperm

2). Who was appointed as president of Seventh pay commission?

- (a) Ravindra Dholakiya (b) Mohan Kumar
(c) Ashok Kumar Mathur (d) Shushma Nath

3). Believe the statements given below, even if they differ from the usually known facts. Decide with two conclusions given to them, which of these conclusions follows the statements logically?

Statement:

Some beds are carpets.

All carpets are mats.

Conclusion:

- i. All mats are carpets.
ii. Some bed are mats.

- (a) Only conclusion ii follows
(b) Only conclusion i follows
(c) Neither i nor ii follows.
(d) Either i or ii follows

4). If a, b, c and d are positive integers in which $a \times b \times c = 36$, $b \times c \times d = 48$ and $c \times d \times a = 324$ then find the value of $a \times b \times c \times d = ?$

- (a) 216 (b) 144 (c) 242 (d) 244

5). Combustion of coal and petroleum results in the form of _____ oxide.

- (a) Nitrogen and Sulphur
(b) Nitrogen and phosphorus
(c) Sulphur and phosphorus
(d) Sulphur and Calcium

6). Know the value of $15 - [5 - \{6 - (3 - 2)\}]$

- (a) 16 (b) 15 (c) 10 (d) 12

7). Find the next alphabet in sequence C, G, L, P, U, Y, _____.

- (a) T (b) K (c) D (d) B

8). Perimeter of a square is 32 m and perimeter of another square is 24m. Find out the diagonal of the square. The Area of which is equals to both of the given squares?

- (a) 20 m (b) $2\sqrt{10}m$ (c) $10\sqrt{2}m$
(d) $10\sqrt{4}m$

9). Which of the following is not a heterogeneous atom?

- (a) CO_2 (b) P_4 (c) CH_4 (d) NH_3

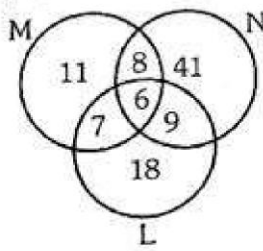
10). Sandesh Mishti is a sweet dish of _____

- (a) Maharashtra (b) Rajasthan (c) Bihar
(d) West Bengal

11). Product of two numbers is 2772 and their LCM is 462. Find the HCF of these two numbers?

- (a) 18 (b) 21 (c) 6 (d) 42

12).



Above venn Diagram represents the students of a class participating in three games M, N & L. Find out the number of students participating in all three games.

- (a) 6 (b) 100 (c) 30 (d) 64

13). The following table describes a company's sales of 3 years.

	Sales in lakhs
Year 1	3
Year 2	8
Year 3	9

What is the percentage difference in sales from Year 1 to Year 3?

- (a) 250 % decrease (b) 200 % increase
(c) 200 % decrease (d) 250 % increase

14). In a circle of 20cm diameter, 16cm long arc is cut. Find the distance of the arc from the center of the circle?

- (a) 12 cm (b) 6 cm (c) 12.8 cm (d) 18.9 cm

15). The area of an equilateral triangle and one square is equal. The height of the triangle described above and the ratio of one side of the square?

- (a) $\sqrt{3}:1$ (b) $\sqrt{3}:1$ (c) $\sqrt{3}:2$ (d) $\sqrt{3}:2$

16). The mean of 100 observations is 30. If by mistake two observation 30 and 15 have been taken in place of 28 and 12, what will be the correct mean?

- (a) 29.75 (b) 29.65 (c) 29.85 (d) 29.95

17). Seventh period of Periodic table is

- (a) Incomplete with 32 elements
(b) Complete with 32 elements

(c) Incomplete with 23 elements

(d) Incomplete with 30 elements

18). If the displacement of the object is zero then the work done on the object by force will be _____

- (a) Negative (b) Zero (c) Positive (d) Inactive

19). If $\frac{0.15}{p^2} = 15$ the find the value of P?

- (a) 1.0 (b) 0.001 (c) 0.01 (d) 0.1

20). 1 nanometer = _____

- (a) $1/10^{-8}\text{m}$ (b) $1/10^8\text{m}$ (c) $1/10^9\text{m}$

- (d) $1/10^{-9}\text{m}$

21). Clouded Leopard National Park is located in _____?

- (a) Odisha (b) Jammu-Kashmir (c) Tripura
(d) Himachal Pradesh

22). The gravitational force between the two objects is F. If the mass of the two objects is reduced to half without changing their distance, then there gravitational force will be.....

- (a) F (b) $\frac{F}{4}$ (c) $\frac{F}{2}$ (d) 2F

23). The field of high density of particles in the medium during transmission of sound is called_____?

- (a) Resonance (b) Rarer (c) Compression
(d) Oscillation

24). What is galvanized iron?

- (A) a form of steel
(B) zinc coated iron
(C) pig iron

(D) Iron ore

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

25). Who has recently been appointed CMD of 'Eastern Coalfields Limited'?

(a) Vivek Bansal (b) Satish Jha
(c) Vibhuti Bhushan Nayak (d) Manoj Soni

26). If '>' means '+', '<' means '-', '+' means 'x' and '%' means '÷' then calculate $27 > 81\% 9 < 6 + 1$?

(a) 45 (b) 30 (c) 31 (d) 50

27). In how many years any amount of money will be double the original amount at 10% annual simple interest rate?

(a) 10 yrs (b) 5 yrs. (c) 8 yrs. (d) 4 yrs.

28). Find the missing number in the following sequence

4, 9, ?, 25, 36

(a) 16 (b) 20 (c) 14 (d) 21

29). Which of the following indicators shows different colours at different concentrations of hydrogen ions in a solution?

(a) Olfactory (b) Eosin (c) Universal
(d) Phenolphthalein

30). The combination of two or more cells is called?

(a) Bulb (b) Battery (c) Fuse (d) Switch

31). Short films like 'Henry' and 'The Displaced' were used for the _____ market?

(a) VR Technology (b) VFX (c) 7D animation
(d) 3D animation

32). Cricket is the national sport of which following country?

(a) South Africa (b) India (c) Australia
(d) Pakistan

33). Consider the statement and the following perceptions and decide which conceptions are implied in the statement.

Statement :

Sometimes the overuse of drug use affects group bacteria and digestive system

Perceptions:

Excessive use of medication can cause an imbalance in the digestive process.

ii. Group bacteria are helpful for digestion

(a) Only i is inherent (b) I and ii both are inherent
(c) Neither i nor ii is inherent (d) Only ii is inherent

34). When will it be said that an object is falling freely?

(a) When its weight is doubly
(b) Only when gravitational forces work on it.
(c) When it fell from extreme height
(d) When its mass is extremely low

35). If there is a mean distance between a wave crest and its successive trough, then wave length will be?

(a) 3L (b) 2L (c) L (d) $\frac{L}{2}$

36). Where is Wankhede stadium located?

(a) Mumbai (b) Kolkata (c) Delhi (d) Kerala

37). Due to the continuous increase of _____ the atomic radius increases in a group

(a) Electron Shell (b) Proton Cell
(c) Neutron Cell (d) Nucleus

38). Find out the HCF of $(5^3 \times 4^3)$, $(3^5 \times 5^1 \times 4^4)$ and $(3^2 \times 5 \times 4^3)$

(a) 340 (b) 328 (c) 320 (d) 230

39). Knife is related to cut in the same way as
spanner is related to ____ ?

- (a) Drill (b) Mechanic (c) Grind (d) Grip

40). Which of the following is India's neighboring
country?

- (a) Bangladesh (b) U.S.A. (c) Iran (d) Brazil

41). Who is the Indian author who is a banker by
profession and who has written popular thrillers
about banking and bankers like "The Incredible
Banker", "The Bankster" and "Bankrupt"?

- (a) Renu Sud Karnad (b) Rakhee Kapoor Tandon
(c) Arundhati Bhattacharya
(d) Ravi Subramainian

42). _____ is a parasitic plant.

- (a) Cuscuta (b) Teak (c) Orchid
(d) Leech

43). For Athletics, Jawahar Lal Nehru Stadium is
situated in which city?

- (a) New Delhi (b) Jaipur (c) Hyderabad
(d) Bengaluru

44). Flowers have a female reproductive organs

- (a) Pistil (b) Stamen (c) Seawall (d) Petals

45). _____ are devoid of respiratory, excretory
and circulatory organs ?

- (a) Tape Worm (b) Liver fluke (c) Sponge
(d) Thread Worm

46). When is Long Syndrome Awareness Day
celebrated?

- (a) 01 August (b) 04 August (c) 02 August
(d) 03 August

47). A's mother is sister of M and daughter of N.R
is daughter of M and sister of F. What is the
relation of F with N?

- (a) Daughter (b) Son (c) Grand Daughter
(d) Father

48). In which country will India host the first
multinational air force exercise Tarang Shakti
2024?

- (a) Tamil Nadu (b) Odisha (c) Karnataka
(d) Kerala

49). Singapore and which country have recently
signed a civil nuclear cooperation agreement?

- (a) India (b) Russia (c) America (d) Malaysia

50). In a system where there is a collision
between two inelastic objects. Then in that?

- (a) Their momentum and kinetic energy both
change
(b) Their momentum changes but kinetic energy is
preserved
(c) Their kinetic energy changes but the momentum
is preserved
(d) Their momentum and kinetic energy are both
preserved

51). What will be the next term in this series?

19K11, M13015, __?

- (a) S19Q17 (b) S17Q19 (c) Q17S19
(d) S19Q18

52). The sale of two years is shown here in the
table. The amounts are in lakhs?

Year	Sales (In lakh rupees)
Year 1	12
year 2	18

What is the percentage difference in sales of Year 1 and Year 2?

- (a) 50% decrease (b) 20% increase
(c) 50% increase (d) 20% decrease

53). Muscle spasms fall due to an increase in acid.

- (a) Malic (b) Acitic (c) Lactic (d) Farmic

54). The Quit India Movement began in 1942 with slogans _____ given by Mahatma Gandhi.

- (a) "Jai Hind" (b) "Chalo dilli"
(c) "Inklab Jindabad" (d) "Do or Die"

55). Which of the following statements is true / false?

A. A base which is fully ionized in water, it produces a great quantity of OH-ions. For example NaOH, KOH

B. An acid which is partially ionized in water, it produces a less quantity of OH ions.

For example KOH

- (a) Only b is correct (b) Only a is correct
(c) a and b both are correct
(d) a and b both are wrong

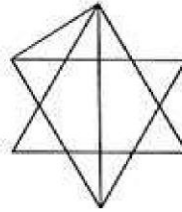
56). If object is not moving on putting force then it can be said _____.

- (a) No work done (b) Less power is used
(c) Work is done (d) More power is used

57). What is the sum of the kinetic energy and the potential energy of an object.

- (a) Mechanical energy (b) Kinetic energy
(c) Electric energy (d) Gravitational energy

58). How many triangles are in the following figure



- (a) 21 (b) 23 (c) 19 (d) 20

59). When was the first Lokpal Bill introduced in the Parliament of India?

- (a) 1966 (b) 1967 (c) 1968 (d) 1969

60). _____ people live in some parts of Chhota Nagpur plateau, Bengal & Bihar. They survive mainly by hunting.

- (a) Veeku (b) Santhal (c) Vairrow (d) Kanhu

61). Colombo is the capital of which country?

- (a) Myanmar (b) Bangladesh (c) Sri Lanka
(d) Nepal

62). In which country has Foreign Minister Jaishankar recently unveiled the statue of Mahatma Gandhi?

- (a) Tokyo (b) Singapore (c) Beijing (d) Paris

63). Recently, Mridu Pawan Das has become the High Commissioner of India in which country?

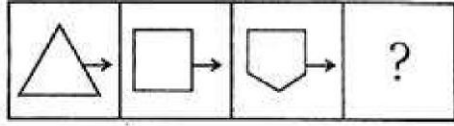
- (a) Kenya (b) Ecuador (c) Turkey (d) Rwanda

64). When the car turns on a curved road, the passengers sitting in it feel a force in the opposite direction of the center itself. This force is due to _____.

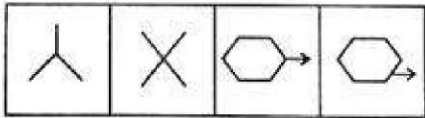
- (a) Eccentric force (b) Inertia
(c) Gravitational force (d) Centrifugal force

65). The given question (?) in the shape series which answer shape will be placed?

Question Image :



Answer Image:



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

66). Which of the following is wrong about metals?

- (a) They are tensile and attacking
- (b) They have high melting point and boiling point
- (c) They are good conductors of heat and electricity
- (d) They are electrically negative

67). Consider the statement and the following perceptions and decide which conceptions are implied in the statement.

Statement :

I want to present a book on Yoga science to the poet on his birthday - Anita tells Sharmila.

Concepts :

- i. Anita will be invited by the poet on her birthday.
- ii. Book is an acceptable gift for birthday.
- iii. the person whom Anita gifts, is not healthy.

- (a) Only ii is inherent (b) Only i and ii are inherent
- (c) Only I is inherent (d) All are inherent

68). Which elements have the 7 constituent electrons in the outermost cell?

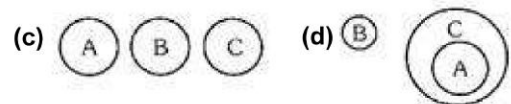
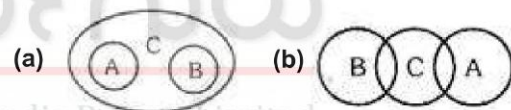
- (a) Interconnecting element (b) Inactive gases
- (c) Transitive element (d) Halogen

69). If south-east becomes north and north-east become west and if the other directions change in this sequence then what will become the south?

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

70). Which of the following options shows the relation of the words given below

- A. Visualisation
- B. Imagination
- C. Mental process



71). 6 women and 5 men earn Rs 5400 daily, while 6 men and 5 women earn Rs 5490 per day. How much do two men and three women earn daily?

- (a) Rs.3 (b) Rs.2 (c) Rs.4 (d) Rs.4

72). Find out which statement is necessary to the reply the answer.

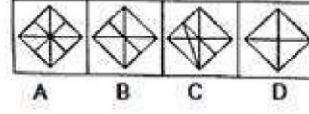
Question :

Q, W & N standing in a queue as the their ages. Who is sitting last.

Statement :

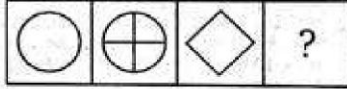
- I. W is in between Q & N
- II. N is older than Q & W

- (a) Both are insufficient (b) Both I and II required
(c) Only II is sufficient (d) Only I is required



- 73). Choose the answer figure that the third question is related to the shape in the same way as the second question is related to the first question shape.

Question Figure :



Answer Figure :

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

- 74). The MISS has same relation with HIT as LATE has with _____?

- (a) Appointment (b) Time (c) Early (d) Day

- 75). If $7:9 :: x : 36$, then $x = ?$

- (a) 28 (b) 7 (c) 35 (d) 21