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# RRB ALP

## TEST SERIES

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

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

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 06

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 06

Time: 60 Min.

## RRB ALP CBT I

- 1). In the question given below a statement and two related assumptions I and II are given. You have to decide the assumptions that are inherent in the statement.

Statement

Read the instructions before entering in the swimming pool.

Assumptions

- I. Those using the swimming pool are educated.  
II. Those using the swimming pool are not blind.

- (a) Only assumption I is inherent.  
(b) Both I and II are inherent.  
(c) Neither I nor II is inherent.  
(d) Only II is inherent.

- 2). Can you establish the truth of conclusion by using the statements?

Statement

Some walls of the compound are white.

Some houses have walls in the compound.

Conclusion

1. Compound walls of some houses are white.  
2. All houses in the compound have white walls.

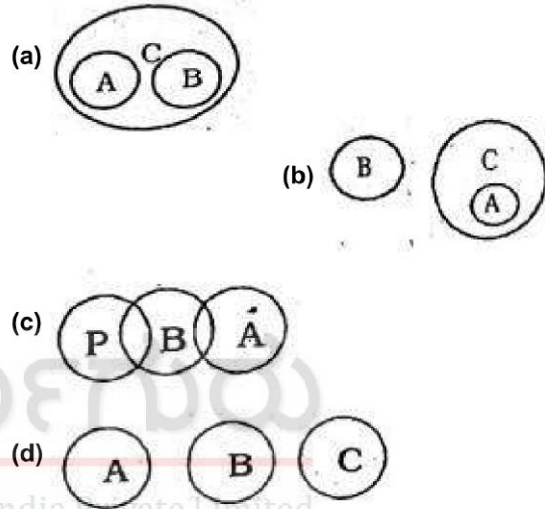
- (a) Only conclusion 2 is correct  
(b) Both the conclusions are incorrect.  
(c) Only conclusion 1 is correct.  
(d) Both the conclusions are correct.

- 3).  $76 \div [33 - \{29 - (15 - 75 \div 15 \times 4)\}] = ?$

- (a) - 76 (b) - 19 (c) 19 (d) 4

- 4). Which of the following correctly represents the relationship between

- A. Liver  
B. Heart  
C. Organs



- 5). Which among the following GECs broadcasts 'Comedy Nights Live'?

- (a) Comedy Central (b) Sony T.V  
(c) Star T.V (d) Colours

- 6). An empty tank has an inlet pipe and an outlet pipe. Beginning with the inlet pipe, one by one, they fill in the tank and fill it out in one hour. The inlet pipe takes 11.25 hours to fill in the tank and the outlet pipe takes 22.5 hours to empty the tank. How much time will it take to fill the tank?

- (a) 45 hrs (b) 43 hrs 50 min  
(c) 42 hrs 45 min (d) 44 hrs

- 7). Which will be the next term in the series?

12B, 2P, 14C, 4O, 16D, \_\_\_\_\_

- (a) 18E (b) 6E (c) 6N (d) 6Q

- 8). Which conclusion is strong in context of the statement.

Statement :



Should national TV educate people on health problems caused by aerated drinks?

Arguments

1. Yes, they can cause dangers to health.
2. No, it is quite popular and its business is extensive.

- (a) Only argument 1 is strong.  
(b) Neither 1 nor 2 is strong  
(c) 1 and 2 both are strong.  
(d) Only argument 2 is strong.

9). SI unit of momentum is-

- (a) Kg-m/s (b) g-m/s (c) Kg-cm/s (d) Kg-m/s<sup>2</sup>

10). The Asian games federation (AGF) adopted \_\_\_\_\_ as the motto of the Games which was given by Pt. Jawaharlal Nehru.

- (a) Ever Onward (b) Sports Ever  
(c) Sporting Together (d) Keep up the Spirits

11). In human beings, fertilized egg implants at which level.

- (a) uterus (b) vagina (c) ovary (d) cervix

12). In a trapezium ABCD, If E and F are the mid points of two transverse lines AB & CD, then find length of EF.

- (a)  $\frac{\sqrt{3}}{2}(AB+CD)$  (b)  $\sqrt{3}(AB+CD)$   
(c)  $\frac{2}{3}(AB - CD)$  (d)  $\frac{1}{2}(AB + CD)$

13). If chemical elements are arranged according to increasing atomic number, properties of first element is similar to 8<sup>th</sup> element alike musical notes.

- (a) This rule is known as?  
(b) Newland's Law of octaves  
(c) Mendeleev's Law (d) Dobereiner's triads rule

14). Variation occurred during sexual reproduction may be

- (a) Hereditary (b) changed (c) Decreased  
(d) Modified

15). If the mean of 3, 4, a, b, 10 is 6 and median is 5, and  $a < b$ , the value of a and b is \_\_\_\_\_ and \_\_\_\_\_ respectively.

- (a) 7, 6 (b) 8, 5 (c) 6, 7 (d) 5, 8

16). SI unit of acceleration?

- (a) ms (b) m<sup>-1</sup> (c) ms<sup>2</sup> (d) ms<sup>-2</sup>

17). The square root of 60025 is \_\_\_\_\_

- (a) 245 (b) 255 (c) 275 (d) 265

18).  $74 - [85 \div \{49 - (41 - 3^5 \div 9 \times 3)\}] = ?$

- (a) 59 (b) 49 (c) 69 (d) 79

19). First Carnatic wars/ Karnatic war set, when french seized ..... under the command of Francois Dupleix.

- (a) hyderabad (b) Madras (c) Puducherry  
(d) Bombay

20). Consider the question and statements given below and decide which statement is sufficient to answer the question.

Manju has 10 cups which contain same quantity of rice. What is the total weight of 10 cups?

Statement

1. The weight of each half cup is 200 gram.
2. The difference in the weight of 4 cups and 2 cups is 800 gram.

- (a) Neither 1 nor 2 is sufficient.  
(b) Statement 1 alone is not sufficient  
(c) Statement 1 and 2 are both sufficient.  
(d) Statement 2 alone is sufficient.

21). Find the next number.

34, 46, 58, 70, \_\_\_\_\_

- (a) 82 (b) 80 (c) 81 (d) 78

22). Which among the following is not a Industrial application of ultrasound waves?

- (a) Ultrasonic cleaners  
(b) Ultrasonic extraction of pesticides from plant body

- (c) To make pores & Analysis of wished shapes  
(d) To analyse the Un-uniformity in metals.

23). Which among the below acids gives less  $H^+$  ions when dissolved in water?

- (a) Sulphuric Acid (b) Acetic Acid  
(c) Hydrochloric Acid (d) Nitric Acid

24). The government of India established the sports authority of India in the year \_\_\_\_\_

- (a) 1990 (b) 1984 (c) 1987 (d) 1983

25). Select the option which is related to the third word in the same way as the second is related to the first.

Skin : Hair :: Land :

- (a) Grass (b) Ore (c) Mineral (d) Dust

26). What is the number of electrons in L shell?

- (a) 32 (b) 18 (c) 8 (d) 2

27). Who was the first ruler of the Khiji dynasty?

- (a) Balban (b) Jalaluddin Firuz Khilji  
(c) Malik Kafur (d) Alauddin Khilji

28). The parts of long hairy root cells are

- (a) Root nails (b) Root capillaries  
(c) Root trachid (d) Root hair

29). \_\_\_\_\_ is the winner or Sahitya Academy award and Padma Bhushan. He has created several books with the character Rusty at the center such as "The Room on the Roof" and Vagrants in the Valley.

- (a) Aniruddha Basu (b) Ruskin Bond  
(c) Salman Rushdie (d) Chetan Bhagat

30). 20<sup>th</sup> February is celebrated as \_\_\_\_\_

- (a) World Social Justice Day  
(b) Central Excise Duty Day  
(c) World Heritage Day (d) World Water Day

31). What is produced when iron burns in the presence of oxygen?

- (a)  $Fe_3O_2$  (b)  $Fe_2O$  (c)  $FeO_3$  (d)  $Fe_2O_3$

32). Which of the fundamental rights cannot be suspended during a national emergency?

- (a) Right to freedom of movement  
(b) Right to equality (c) Right to life  
(d) Freedom of speech & expression.

33). When 350N force is applied on a object of 500 kg. Find its acceleration.

- (a)  $0.7 \text{ ms}^2$  (b)  $0.7 \text{ ms}^1$  (c)  $0.7 \text{ ms}^{-1}$   
(d)  $0.7 \text{ ms}^{-2}$

34). The foreign investment agency, that signed a \$ 1 billion investment agreement with national investment & infrastructure fund (NIIF).

- (a) Israel Investment Authority (IIA)  
(b) Republic France Investment Authority (RFIA)  
(c) Abu Dhabi Investment Authority (ADIA)  
(d) Dubai Investment Authority (DIA)

35). Find the odd one out?

A	B	C	D
18R	2B	5E	16P

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

36). when silver chloride is exposed to the sunlight, then it turns brown due to \_\_\_\_\_

- (a) Silver ion (b) Silver metal  
(c) Silver Oxylet (d) Silver oxide

37). When is ISRO Day celebrated?

- (a) 20 August (b) 21 August (c) 22 August  
(d) 23 August

38). For a Virtual and erect image, the magnification of the mirror is

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



39). There is higher humidity level in the air of some places like cherapunji, Vishakhapatnam, Kolkata etc. The climate of these places known as

- (a) Arid (b) Hot (c) Humid (d) Cold

40). Work done by force is positive when

- (a) Force component in the longitudinal direction to displacement  
(b) Force component in the opposite direction to the displacement.  
(c) Force applied but no displacement.  
(d) Force applied in the same direction to the displacement.

41). The process of atomic fusion automatically takes place in:

- (a) The core of earth (b) The atomic reactor  
(c) The ocean waves (d) The Sun

42). If MINE is written as PLQH, then how will you write TOM?

- (a) WOR (b) WRP (c) WRO (d) WPR

43). Atomic no. of Megnesium is 12. Find out its Valency?

- (a) +3 (b) +2 (c) - 2 (d) - 3

44). Leena is following a Diet plan 20 from Monday to Saturday, where on Monday and then on alternate days of week she takes germinated food. The day on which she did not take germinated food.

- (a) Thursday (b) Tuesday (c) Sunday  
(d) Friday

45). In the \_\_\_\_\_ class of animals breathing takes place through gills or lungs.

- (a) Fish (b) Amphibians (c) Birds  
(d) Reptiles

46). Which among the following countries did top the list of emerging economies according to the World Economic form (WEF)?

- (a) Norway (b) India (c) Sweden (d) France

47). Kavita and Nikita are friends and they have gone to the market together. Kavita meets her friend and introduces her friend to Nikita as her brother's father's sister's daughter. What is the relationship of Kavita to her friend?

- (a) Friend (b) Niece (c) Cousin sister  
(d) Nephew

48). Consider the statement given below and decide the assumption that is inherent in the statement.

Statement

The heading of a newspaper column reads: "We are all victims of our thoughts".

Assumption

I. Our work is based on our thoughts

II. Newspaper is the best source of information

- (a) Only assumption II is in inherent  
(b) Both I and II are inherent.  
(c) Only assumption I is inherent.  
(d) Neither I nor II is inherent

49). In negative acceleration, the velocity of the body:

- (a) Decreases (b) Increases (c) Zero  
(d) Remains constant

50). Find the length of one side of a rhombus whose area is  $6 \text{ cm}^2$  and the sum of the lengths of its diagonals is 7 cm.

- (a) 3 cm (b) 2.5 cm (c) 1.5 cm (d) 2 cm

51). Which among the following is not related to the group?

- A. Spoon  
B. Fork  
C. Ladle  
D. Spanner

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

52). In which of the following, no work is done?

- (a) A coolie carries a load from a bus to a car  
(b) Kapil is standing with a load of 10 kg on his shoulder.  
(c) Arun plays cricket in the ground.  
(d) Sachin walks 4 km.

53). The name of one of the founders of the firm 'Banyan Nations', who won Dells People Choice Award for the circular economy at Davos World Economic Forum (WEF) is:

- (a) Dileep Shenoi (b) Priyanka Bakaya  
(c) Mani Vajipey (d) Pranita Saxena

54). The question given below is followed by two statements 1 and 2. Consider the question and statements and decide which statement sufficient to answer the question.

What is the total present ages of Anita and Nandu?

Statement

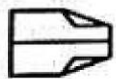
1. Nandu's present age is 5 years.  
2. Anita is elder than Nandu.

- (a) Only statement 2 is sufficient  
(b) Statement 1 and 2 both are together sufficient  
(c) Statement 1 and 2 both together are not insufficient  
(d) Only statement 1 is sufficient

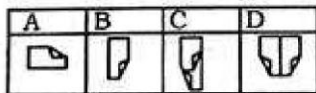
55). A sum of money at 8% simple interest becomes Rs 385 in five years. What was the principle amount invested?

- (a) Rs.240 (b) Rs.260 (c) Rs.250 (d) Rs.275

56). The figure given below resembles which among the option figures?



Option figures



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

57). India is divided into \_\_\_\_\_ physiographical regions.

- (a) 6 (b) 5 (c) 7 (d) 4

58). Vinay Mohan Kwatra has recently taken over as India's ambassador to which country?

- (a) Japan (b) Germany (c) USA (d) China

59). Amory is 27 years younger than his father. Seven year from now his age will be times less than that of father. What is Amory's present age?

- (a) 20 (b) 13 (c) 18 (d) 11

60). Expiration is brought about by \_\_\_\_.

- (a) Breaking of rib cage (b) Inhalation of Air  
(c) Deflation of lungs (d) Inflation of lungs

61). In which year was the State Bank of India nationalized?

- (a) 1955 (b) 1965 (c) 1935 (d) 1945

62). Five people can make a wall in 24 days. In how many days 8 people who are half as skilled as the first group can construct  $\frac{3}{5}$ th part of the wall?

- (a) 25 days (b) 20 days (c) 24 days  
(d) 18 days

63). Anita runs a fashion boutique. Her expenses are under the following heads: 30% in purchase, 40% in payments to tailors, and 30% in rent and electricity. If her total expenses are Rs 50,000 per month, then how much did she incur on payments to tailors?

- (a) Rs.20,000 (b) Rs. 21,000 (c) Rs.19,000  
(d) Rs.18,000

64). Guru Shikhar, a peak in the Aravalli Mountains of \_\_\_\_\_

- (a) Uttarakhand (b) Himachal Pradesh  
(c) Rajasthan (d) Sikkim

65). What will be the next number in the series?

1, 9, 18, 28, \_\_\_\_\_

(a) 37 (b) 39 (c) 36 (d) 38

66). The combine form of kinetic energy and Potential energy in an object is known as

- (a) Muscular energy (b) Mechanical energy  
(c) Gravitational potential energy  
(d) Chemical energy

67). In Ammonia, what is the valency of Nitrogen?

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

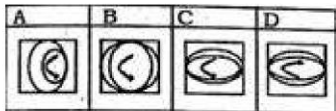
68). Who has recently been appointed as the CEO of Starbucks?

- (a) Brian Nicol (b) Vidhi Dixit (c) Bhumi Mishra  
(d) None of the above

69). If a person purchased an article for Rs.96 and sold it at the profit of 25%, then what was the selling price of the article?

- (a) 115 (b) 120 (c) 114 (d) 125

70). Which option looks like the has given pattern?



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

71). \_\_\_\_\_ oxide that can react with Acid.

- (a) Basic (b) Neutral (c) Acidic (d) Amphoteric

72). Which assumption is inherent in the given statement?

### Statement

The school management has declared that one more section will be added to each class.

### Assumption

I. This year, they are expecting that a large number of students will join the school.

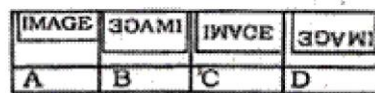
II. By adding one more section to each class, they are planning to reduce the number of students in each class.

- (a) Only assumption 1 is inherent  
(b) Neither I nor II is inherent.  
(c) I and II both are inherent  
(d) Only assumption II is inherent.

73). From where did the Union human resources development minister Prakash Javedkar begin the progra-mme, 'Swasth Bachche, Swasth Bharat'?

- (a) Hyderabad (b) Kochi (c) Thiruvananthapuram  
(d) Mysore

74). What will be the mirror image of "IMAGE"?



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

75). In a code language NEAT is written as 3409, then how will LEARN be written in the same language?

- (a) 14073 (b) 14083 (c) 14072 (d) 14084