RRB ALP

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 08

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.

Total: 75 Que.	RRB ALP CBT I Set 08	Time: 60 Min.

RRB ALP CBT I

1). The speed of sound in air at 25°C is_____.

(a) 330 m/s   (b) 300 m/s   (c) 360 m/s

(d) 346 m/s

2). Recently who has become the chairman of Colombo Process?

(a) China   (b) Thailand   (c) India   (d) Singapore

3). Which movie among the following is based on Phogat sisters of Haryana?

(a) Neerjar   (b) Sultan   (c) Dangal

(d) Sarabjeet Kaur

4). If EAT is written as 7322, hen what will be the code for URN?

(a) 232116   (b) 232015   (c) 222016

(d) 232016

5). . Which of the mixed-metal contains tin?

(a) Solder   (b) Brass   (c) Steel   (d) Aluminum

6). Which among the following numbers is divisible?

(a) 739   (b) 719   (c) 709   (d) 729

7). A solution is prepared using 520 gram water and 45 gram salt. In context of mass concentration, what is the mass percentage?

(a) 8.86%   (b) 8.1%   (c) 7.96%   (d) 6.96%

8). Recently, where has the IAF contingent reached to participate in Exercise Red Flag 24?

(a) Alaska   (b) Canada   (c) Australia   (d) France

9). Which among the following types of reproduction leads to greater diversity?

(a) Asexual   (b) Regenration   (c) Sexual

(d) Bisexual

10). Recently, researchers from which IIT have announced that urbanization increases the heat in Indian cities at night?

(a) IIT Delhi   (b) IIT Kanpur   (c) IIT Bhubaneswar

(d) IIT Roorkee

11). The ratio of the number of marbles with Tulip and Devansh was 7:9. The ratio of the a number of marbles with Sheetal and Devansh was 7:15. Find the ratio of the number of marbles with Tulip and Sheetal.

(a) 5:7   (b) 5:3   (c) 2:3   (d) 7:5

12). In a group of children, 10 like cake, 15 like pastry, 20 like biscuit. 2 children like all the three and at least three children like two of these. How many children like just one of these?

(a) 25   (b) 37   (c) 40   (d) 45

13). Van Mahotsava was started in 1950 by_____ to converse forest and plant new trees.

(a) Jawaharlal Nehru   (b) Narhar Vishnu Gadgil

(c) K.M. Munshi   (d) Sardar Vallabhbhai Patel

14). The high density of particles in the medium at the time of sound transmission is known as;

(a) Refraction   (b) Vibration   (c) Compression

(d) Echo

15). Which in the table is different from the rest?

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A	B	C	D
1696	1426	1726	1326
AFIF	ADBF	AGBF	ACBF

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

---

16). An electric current of 2A is flowed through the resistance of 5 Ω what will be the amount of charge flowing through resistance in one minute?

(a) 120 C   **(b)** 10 C   **(c)** 2 C   **(d)** 60 C

---

17). Which among the following acids is not produced in our stomach?

(a) Hydrochloric acid   **(b)** Lactic acid.

(c) Sulphuric acid   **(d)** Acetic acid

---

18). What will be the next term in the series?

2I, 9L, 16O,_____

(a) 23R   **(b)** 22R   **(c)** 23S   **(d)** 20R

---

19). If a car uses 2000 j energy and its production is 500 j, then its efficiency is____

(a) 25%   **(b)** 30%   **(c)** 50%   **(d)** 40%

---

20). A and B working together can finish a task in 35 days. A works alone and finishes $\frac{4}{7}$ parts of the work leaving the rest for B to do. Working in this manner, it takes 114 days to finish the work. How many days it will take for A who is more skilled than B, to finish the work alone?

(a) 40   **(b)** 48   **(c)** 45   **(d)** 42

---

21). What is the Unit of Gravitational constant?

(a) Nm/kg   **(b)** Nkg/m^2 **(c)** Nm^2/kg^{-2}

(d) sm^2/kg^2

---

22). A statement and two arguments are given. You have to decide which argument is strong in context of the statement,

Statement

Open defecation is a crime. Should people be punished for it?

Argument

I. Yes, punishment will inculcate strong discipline among citizens.

II. No, in a Diversity bound country. We cannot bring such strong laws.

(a) I and II both arguments are strong.

(b) Neither I nor II is strong.

(c) Only argument II is strong.

(d) Only argument I is strong.

---

23). If the value of work is positive (dynamic) then the body on which the work is being done_____

(a) has zero value

(b) will have degradation of energy

(c) will have increase in energy

(d) will remain constant

---

24). The descending order of four number is w, x, y, z. The Average of three smallest number is 25.5 where as the Average of three biggest numbers is 29.5. Find the range of the Distribution.

(a) 12   **(b)** 10   **(c)** 11   **(d)** 13

---

25). Study the question below followed by two statements.

There are three jars in a lab. They are all of equal weight. What will be the total weight?

Statement

1. One fourth of the weight of jar is 40 gm.

2. The jar is filled with different kinds of fluids in use.

Which statement is sufficient to answer the question?

(a) Statement 1 and 2 together are sufficient.

(b) Statement 2 alone is sufficient.

(c) Either 1 or 2 is sufficient.

(d) Statement 1 alone is sufficient.

---

26). _____is a non-metal found in liquid state.

(a) Helium   **(b)** Bromine   **(c)** Calcium

(d) Mercury.

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27). Recently, Harpreet Singh Cheema and Navneet Kaur Cheema, citizens of which

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country, became the first Sikh couple to reach Mount Everest?

(a) Canada   (b) Singapore   (c) America

(d) Indonesia

---

28). Which of the following is obtained as a result of complete se combustion of hydrocarbon?

(a) $CO_2 + OH$ (b) $CO + H_2O$ (c) $CO_2 + H_2O$

(d) $CO + OH$

---

29). A girl has to cover a distance of 400 km in 5 hours. She travels some distance at 85 km/hr and rest of the distance at 55 km/hr. How much did she travel at a higher speed?

(a) 4 hr 10 minutes   (b) 4 hrs 35 minutes

(c) 4 hrs 15 minutes   (d) 4 hrs 25 minutes

---

30). An object is travelling around a circular path of 20m radius at the constant speed of 4m/ s. The time taken by it to complete one round is_____

(a) 5s   (b) 5_{π} s   (c) 10_{π} s   (d) 10 s

---

31). Recently, Reliance Industries has signed an agreement with which country's company Rosneft?

(a) Russia   (b) Japan   (c) America   (d) China

---

32). To which country has India recently sent aid of 01 million dollars?

(a) Papua New Guinea   (b) Palestine   (c) Ukraine

(d) Iran

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33). Indicating a picture, John says, "she is my son's mother's sister." What is John's relationship to the person in the picture?

(a) Sister in law   (b) Father in law   (c) Mother

(d) Son in law

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34). In sclerenchyma, cell wall is thick due to

(a) Cutin   (b) Cellulose   (c) Fat   (d) Lignine

---

35). A sum of money becomes Rs 819 in 3 years and 3 months at 8% simple rate of interest. What was the original principal amount?
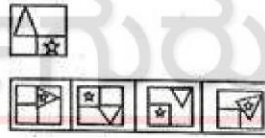
(a) Rs.675   (b) Rs.276   (c) Rs.650

(d) Rs.700

---

36). What is the time span from 11 September 2023 evening 5:58 to 13 September 2024 evening 5:49?

(a) 367 days 9 minutes

(b) 367 days 23 hours 51 minutes

(c) 366 days 23 hours 51 minutes

(d) 368 days 9 minutes

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37). $\{143 - (9 - 2)\} \div [2 + \{3 \times (-5) \times (-1)\}] = ?$

(a) - 5   (b) 17   (c) 8   (d) - 8

---

38). Which is the nearest in similarity among the options to the given figure?

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

---

39). Where has the Cold Chain and Logistics Summit been organized by FICCI recently?

(a) Bengaluru   (b) New Delhi   (c) Gurugram

(d) Chennai

---

40). Which among the following is not an element?

(a) Copper   (b) Water   (c) Oxygen   (d) Helium

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41). In Mendeleeve's periodic table, the horizontal column is known as_____

(a) Group   (b) Unit   (c) Square   (d) Period

---

42). An object of 1 kg is lifted to a height of 10m. The work done by the force of gravity will be_____ (consider g = 9.8m/ s sq.)

(a) - 98 J   (b) 98 J   (c) - 9.8 J   (d) 9.8 J

---

43). Which among the following is not based on the heating effect of electricity application?

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(a) Electric toaster   **(b)** Electric flat iron

(c) Electric kettle   **(d)** Electric bell

44). Neelanjan is 11 years younger to Bharati. 15 years later Bharati will be 1.2 times the age of Neelanjan. What is the present age of Neelanjan?

(a) 43 years   **(b)** 42 years   **(c)** 40 years

(d) 38 years

45). Seven children with same birth day were born in seven consecutive years. The sum of the ages of the three eldest children is 78 years. What will the sum of the ages of three youngest children?

(a) 72   **(b)** 66   **(c)** 63   **(d)** 69

46). The ratio of the angles of polygons with 7 equal sides and 12 equal sides is:

(a) 6:7   **(b)** 4:5   **(c)** 2:3   **(d)** 7 :12

47). Recently, which country has released genetically modified mosquitoes to fight malaria?

(a) Ghana   **(b)** Djibouti   **(c)** Angola   **(d)** Jordan

48). Litmus solution is extracted from_____

(a) Lichen   **(b)** Petunia   **(c)** Zirenium

(d) Hydrenjia

49). Read the following statement and conclusion carefully and decide which conclusion logically follows the statement.

Statement

Mayank's painting correctly represents the theme.

Conclusion

I. Mayank is an artist.

II. Mayank has intense knowledge of his field.

(a) Only conclusion I follows.

(b) Neither I nor II follows

(c) Both conclusions follow

(d) Only conclusion II follows.

50). What is the state of a free falling body?

(a) Dynamic   **(b)** Work done   **(c)** Rest

(d) Weightlessness

51). In a code MEAK is written as 135111, how is OAK written in the same code?

(a) 15111   **(b)** 17111   **(c)** 16111   **(d)** 13111

52). The reproductive cells responsible for storing food for fetus is known as _____

(a) Male gamete   **(b)** Female gamete

(c) Zoogamete   **(d)** Homozygos gametes

53). In plants phloem is responsible for transportation of_____

(a) Food   **(b)** Oxygen   **(c)** Minerals   **(d)** Water.

54). There is a difference of 8 years in the ages of Wakar and Naseema. Thirty years ago, when they were married, the four times the age of Wakar was equal to the five times the age of Naseema. What is the sum of their present ages?

(a) 135 years   **(b)** 134 years   **(c)** 130 years

(d) 132 years

55). One of the roots of equation $x^2 -24x + k = 0$ is x = 2. The other root will be:

(a) x=-22   **(b)** x=- 12   **(c)** x= 12   **(d)** x = 22

56). Recently, which company has appointed Gaurav Banerjee as the new CEO of India?

(a) LG   **(b)** Sony   **(c)** Samsung   **(d)** Godrej

57). What will be the simple interest in 10 years on Rs.1600, when the interest rate is 7.25% annually?

(a) Rs.1220   (b) Rs.1240   (c) Rs.1180

(d) Rs.1160

58). What will be the next term of the series?

  5A, 7B, 9D, 11G,?

(a) 10G   **(b)** 11K   **(c)** 14G   **(d)** 13K

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59). Study the question below followed by two statements.

What will be the total age of Megul and Shyam today?

Statement

1. Megul is today 15 years old.

2. Shyamal is 3 years younger to Megul.

Which statement is capable of answering the question?

(a) Statement 1 and 2 together are not capable.

(b) Statement 1 and 2 are together capable.

(c) Statement 1 alone is capable.

(d) Statement 2 alone is capable.

60). Recently who has been appointed as Additional Director General of "ITBP"?

(a) Ajit Singh   (b) M Suresh   (c) Amardeep Singh

(d) Sanjeev Raina

61). Which Bollywood personality has been appointed as the brand ambassador of Uttarak hand Swaccha Bharat Mission?

(a) Kajol   (b) Amitabh Bacchan

(c) Akshay Kumar   (d) Aishwarya Rai

62). Elements, which have same chemical properties but Different Atomic mass is known as?

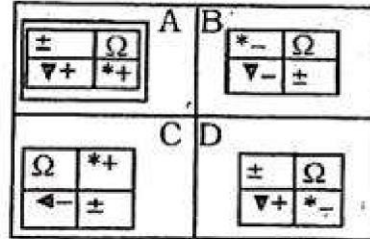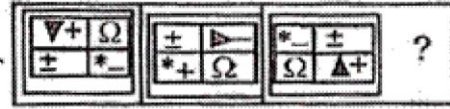(a) Isobars   (b) Halogen   (c) Isomers

(d) Isotopes

63). In India, the Khadi and Gramodyog Sahkari Utpadak Sangh Limited was established in the year_____

(a) 1954   (b) 1950   (c) 1947   (d) 1948

64). Who launched Startup Academia Alliance Program, a unique mentorship opportunity between academic scholars and startups working in similar domains?

(a) T.C.S   (b) Google   (c) Start-Up Village

(d) Start-Up India

65). In the series of figures below, which option will replace (?) the question mark?

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

66). Study the question below followed by two statements.

Statement

All insects are living.

All butterflies are insects.

Conclusion

1. All butterflies are living.

2. All insects are butterflies.

Which among the following is correct?

(a) Only conclusion 1 follows the statements.

(b) Both the conclusions do not follow the statements

(c) Only conclusion 2 follows the statements.

(d) Both the conclusions follow the statements.

67). If"<" is "×" and " ÷ " is "+", then what will be the value of (5 < 7) ÷ 2?

(a) 37   (b) 35   (c) 65   (d) 70

68). Mannu and Pinki come out of their house to go to the market. Both of them first travel 500 m in the East direction and then turn right to walk 200 m to reach a laundry. In by which direction from their home is laundry located?

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

(d) South-East

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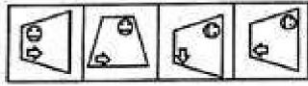Spardhaguru India Private Limited
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69). ABC is a right angled triangle whose angle A is the right angle. In order to make two more right angled triangle which side must be divided equally?

(a) Center   **(b)** AB   **(c)** BC   **(d)** CA

70). Books are related to the pages in the same way as machine is related to_____

(a) Plastic   **(b)** Parts   **(c)** Plug point

(d) Elecrticity

71). Which among the given options is the nearest identical to the given figure?

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

72). In the year _____ Qutbuddin declared himself the ruler of India and began the slave dynasty.

(a) 1206   **(b)** 1207   **(c)** 1208   **(d)** 1205

73). Recently, where did India successfully test anti-radiation missile Rudram II?

(a) Rajasthan   **(b)** Andhra Pradesh   **(c)** Odisha

(d) Kerala

74). Who has been appointed MD&CEO of NARCL recently?

(a) Apoorva Chandra   **(b)** P Santosh

(c) Vijay Sinha   **(d)** Ravindra Jain

75). Recently, which country will remove Taliban from the terrorist list?

(a) Russia   **(b)** Japan   **(c)** America   **(d)** Italy