

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 12

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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Spardhaguru India Private Limited

Website:- www.spardha.guru

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ADDRESS:- No 8, 24th Block Manasi Nagar Beside of Bliss serviced Apartment, Mysuru, Karnataka 570029

HELPLINE 90711 54445, 90711 64446, 90711 74447

Total: 100 Que.

RRB Group D 2025 - Set 12 English
Language

Time: 90 Min.

Group D

1). In the following question, select the odd word from the given alternatives.

- (a) Grandchild (b) Nephew (c) Uncle
(d) Grandfather

2). In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements:
(I) Some notes are coins.
(II) No coin is a card.

Conclusion:
(I) All cards can be notes.
(II) Some notes are neither coins nor cards.

- (a) Conclusion I follows (b) Conclusion II follows
(c) Neither I nor II follows (d) Both I and II follows

3). In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement:

(I) The DRDO has tested the Smart Anti Airfield Weapon from an Indian Air Force aircraft.
(II) The lightweight high precision guided bomb is one of the world class weapons systems.

Conclusions:

(I) DRDO Chairman Dr. S. Christopher congratulated the DRDO and the IAF teams for the successful mission.
(II) The test was carried out by IAF's Aircraft and System Testing Establishment.

- (a) Only conclusion II follows
(b) Conclusion I and II both follow
(c) Neither I nor II follow
(d) Only conclusion I follows

4). In the following question, some statements followed by some conclusions are given. Taking the given statements to be true even if they seem to be at variance from commonly known facts,

read all the conclusions and then decide which of the given conclusions logically follows the given statements.

Statements:

1. All rackets are bats.
2. All bats are wickets.

Conclusions:

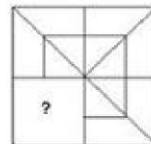
- I. Some wickets are rackets.
II. All wickets are rackets.

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

5). It is 10:30 by the clock. If the minute hand points towards the south direction, then which direction will the hour hand point to?

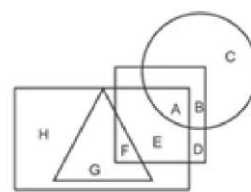
- (a) Southwest (b) Northwest (c) Northeast
(d) Southeast

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



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

7). In the following figure, the rectangle represents Mechanics, the circle represents illustrators, the triangle represents Singers and square represents Mothers. Which set of letters represents, Illustrators who are not Singers?



- (a) FG (b) ED (c) BC (d) ABC

8). Ravi was walking in the bank of a river Ganga. He walked 50m towards east and turned to his right and walked 20m to enter in the water of river to dip. After dipping he went on his starting point following the same path. The same routine he follows every day. In a leap year, how much total

distance is covered by Ravi and his dipping point is in which direction from his starting point?

- (a) 15km, North (b) 22km, North-West
(c) 24km, East (d) 51.24km, South East

9). School W in a village, provides education from nursery to standard 4. In the same village, School B and school K provide education from standard 5 to 10. School F, which is in a nearby town, higher secondary education, that is, standard 11th and 12th only. The village has only three schools. Parents in the village have requested for more schools to the local panchayat. Which conclusion follows the given statements?

- (a) Schools are less in the village because parents do not want their children to study.
(b) Due to lack of teachers, village schools cannot complete with town schools.
(c) For higher secondary education, children of the village have to travel to the nearby town.
(d) Parents will send their kids to town, if school F provides primary education too.

10). A junior college inducts class 10 pass outs satisfying the following criteria:

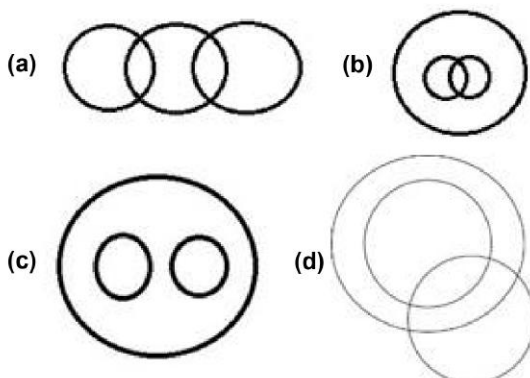
- 1) Students who either scored at least 75% in English or 80% in Hindi.
- 2) Students who scored above 95% in Mathematics and 90% in Physics.
- 3) Students who are good at sports or public speaking.

Which student among the following will the college definitely take?

- (a) I secured 92% in Physics, 95.5% in Mathematics, 81% in Hindi and is a cricketer.
(b) B secured 90% in Physics, 89% in Mathematics, 75% in Hindi and is a chess player.
(c) D secured 90% in Physics, 81% in Chemistry, 90% in Mathematics, 75% in Hindi and is a singer.
(d) R secured 93% in Chemistry, 96% in Mathematics, 80% in English and plays basketball.

11). Identify the diagram that best represents the relationship among the given classes.

Male, Minister, Female



12). Pointing to a portrait Bhagyashree said, "She has only daughter Silky who is married to my father-in-law's younger son Salman. How Salman is related to the person in the portrait?"

- (a) Son-in-law (b) Sibling (c) Cousin (d) Son

13). Read all the information and answer the question:

A + B means 'A is the mother of B';

A – B means 'A is the brother of B';

A × B means 'A is the father of B';

A ÷ B means 'A is the daughter of B';

How is K related to S in the expression L × S × W – D + K?

- (a) Grandson (b) Grand Daughter (c) Son
(d) Cannot be Determined

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

RODU : WTZI :: BANJ : ?

- (a) GFOS (b) NGTR (c) SWQA (d) VFEW

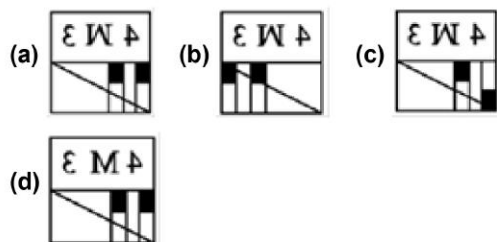
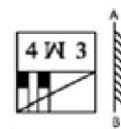
15). In a certain code language, 'ROCKS' is written as '82649', 'MENTR' is written as '01578'. What is the code for 'TROMN' in that code language?

- (a) 78205 (b) 78203 (c) 76205 (d) 70581

16). Select the number that can replace the question mark (?) in the following series.
36, 73, 147, 295, ?

- (a) 591 (b) 581 (c) 621 (d) 691

17). Select the correct mirror image of the given figure when the mirror is placed at line AB.



18). A and B are sisters. X and Y are brothers. A's son is Y's brother. How is B related to X?

- (a) Aunt (b) Mother (c) Grand-father (d) Brother

19). One day, Ajay left home and cycled 8 km southwards, turned right and cycled 3 km and turned right and cycled 8 km and turned left and cycled 6 km. How far and in which direction is he from the starting point?

- (a) 9km East (b) 9km West (c) 12 km west
(d) 9km South

20). What is the next term in the following alphabetical series?

ABCD, FHGI, KMLN, ?

- (a) OQPR (b) PRQS (c) PQRS (d) OPQR

21). If B = 25 and BEST = 62, then STABLE = ?

- (a) 100 (b) 101 (c) 102 (d) 103

22). A question and two statements labeled (I) and (II) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question:

On which day of the week will Vimal celebrate his birthday?

Statements:

I. It is in February and 21st of February is a Tuesday.

II. It is on the last day of the month.

Select the right option from the following.

- (a) Both the statements together are sufficient
(b) Statements II alone is sufficient
(c) Data insufficient
(d) Statement I alone is sufficient.

23). Consider the following:

Statement:

Good voice is a natural gift but one has to keep practicing to improve and excel well in the field of music.

Conclusions:

I. Natural gifts need nurturing and care.

II. Even though one's voice is not good, one can keep practicing.

Which one of the following is correct in respect of the above statement and conclusions?

(a) Only conclusion I follows from the statement.

(b) Only conclusion II follows from the statement.

(c) Either conclusion I or conclusion II follows from the statement.

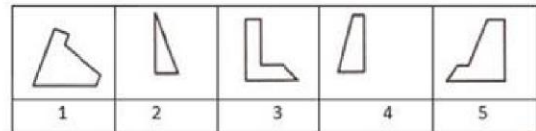
(d) Neither conclusion I nor conclusion II follows from the statement.

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

12 : 9 :: 45 : _____.

- (a) 41 (b) 81 (c) 24 (d) 18

25). Observe the following randomly drawn figures and choose which of the following figures form a square?



- (a) 3, 4, 5 (b) 1, 4, 5 (c) 2, 4, 5 (d) 1, 4, 2

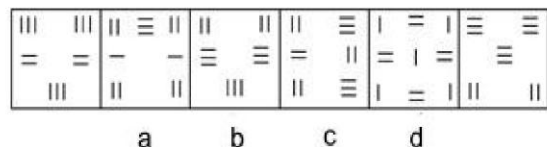
26). In a code language, honna son kolu means gold is yellow; kump son lapi means rose is red; kolu man lapi means yellow and red. What is the word for gold in that code language?

- (a) Man (b) Son (c) Kolu (d) Honna

27). If 5 November 2019 was Tuesday, then what was the day of the week on 5 December 2011?

- (a) Tuesday (b) Sunday (c) Monday
(d) Saturday

28). A figure series of 6 parts is given. Out of these 4 parts are labeled A, B, C and One of these 4 parts is incorrect. Find the incorrect part.



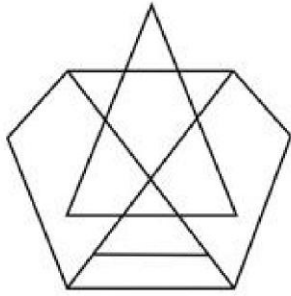
- (a) A (b) B (c) D (d) C

29). Which of the numbers should be interchanged so as to make the equation correct?

$$49 \times 7 \div 14 + 25 - 27 = 0$$

- (a) 27, 14 (b) 14, 49 (c) 28, 19 (d) 28, 13

- 30). What is the minimum number of straight lines required to draw the given figure?



- (a) 10 (b) 12 (c) 9 (d) 11

- 31). The value of

$$\frac{4.669 \times 4.669 - 9 \times (0.777)^2}{(4.669)^2 + (2.331)^2 + 14(0.667)(2.331)}$$

is $(1 - k)$, where $k = ?$

- (a) 0.666 (b) 0.647 (c) 0.467 (d) 0.768

- 32).

The value of $\frac{\left(\frac{1}{3} + \left[4\frac{3}{4} - \left(3\frac{1}{6} - 2\frac{1}{3}\right)\right]\right)}{\left(\frac{1}{5} \text{ of } \frac{1}{5} \div \frac{1}{5}\right) \div \left(\frac{1}{5} \div \frac{1}{5} \times \frac{1}{5}\right)}$

lies between:

- (a) 4.2 and 4.4 (b) 8.2 and 8.8 (c) 10.2 and 10.8
(d) 0.4 and 0.9

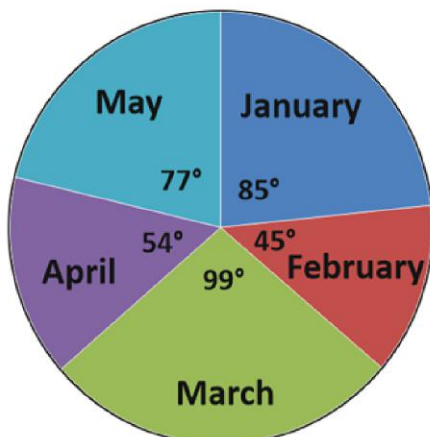
- 33). A solid metallic sphere of radius 6.3 cm is melted and recasted into a right circular cone of height 25.2 cm. What is the ratio of the diameter of the base to the height of the cone?

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

- 34). Study the pie chart and answer the question.

Distribution (degree wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold = 5400



The number of months, in which the number of computers sold was more than 20% of the total number of computers sold in 5 months, was:

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

- 35). In finding the HCF of two numbers by division method, the quotients are 1, 8 and 2 respectively, and the last divisor is 105. What is the sum of the numbers?

- (a) 3885 (b) 3780 (c) 3675 (d) 3570

- 36). The sides of a triangular park are 35 m, 53 m and 66m. The cost of levelling the park at the rate of Rs. 9.25/m² is:

- (a) Rs. 8,510 (b) Rs. 8,547 (c) Rs. 8,621
(d) Rs. 8,584

- 37). The curved surface area of a right circular cone is 156π and the radius of its base is 12 cm. What is the volume of the cone, in cm³?

- (a) 180π (b) 192π (c) 240π (d) 210π

- 38). Two circles of radii 5 cm and 3 cm intersect each other at A and B, and the distance between their centres is 6 cm. The length (in cm) of the common chord AB is:

- (a) $\frac{4\sqrt{13}}{3}$ (b) $\frac{4\sqrt{14}}{3}$ (c) $\frac{2\sqrt{13}}{3}$ (d) $\frac{2\sqrt{14}}{3}$

- 39). If $21\tan\theta = 20$; then $(1 + \sin\theta + \cos\theta) : (1 - \sin\theta + \cos\theta) = ?$

- (a) 7 : 3 (b) 2 : 1 (c) 3 : 1 (d) 5 : 2

- 40). A field is in the form of a circle. The cost of fencing around it at Rs. 12 per metre is Rs. 2,640. What is the area (in m²) of the field? (Take $\pi = 22/7$)

- (a) 1925 m² (b) 2772 m² (c) 3850 m²
(d) 5544 m²

- 41). The ratio of radius of the base and height of a solid right circular cylinder is 2 : 3. If its volume is 202.125 m³, then its total surface area is:

(Take $\pi = 22/7$)

- (a) 192.5 cm² (b) 115.2 cm² (c) 154 cm²
(d) 168 cm²

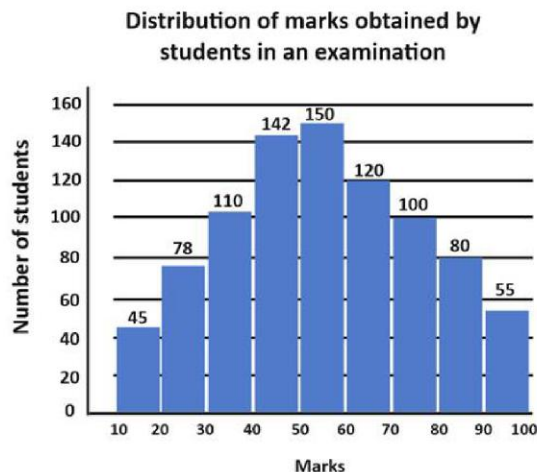
- 42). If $7\sin^2\theta + 3\cos^2\theta = 4$, $0^\circ < \theta < 90^\circ$, then the value of $(\tan^2 2\theta + \operatorname{cosec}^2 2\theta)$ is:

- (a) $15/4$ (b) $13/3$ (c) 7 (d) $13/4$

43). A circle is inscribed in an equilateral triangle of side 24 cm. What is the area (in cm^2) of the square inscribed in the circle?

- (a) 48 (b) 72 (c) 96 (d) 54

44). Study the given graph and answer the question that follows.



The number of students who obtained 20 marks or more but less than 60 marks is:

- (a) 402 (b) 600 (c) 480 (d) 522

45). When 3738, 5659 and 9501 are divided by the greatest possible number x , the remainder in each case is y . What is the sum of x and y ?

- (a) 3783 (b) 3637 (c) 3673 (d) 3738

46). A certain sum (in Rs.) is invested at simple interest at $x\%$ p.a. for 5 years. Had it been invested at $(x + 5)\%$ p.a., the simple interest would have been Rs. 9,200 more than the earlier one. What is the sum?

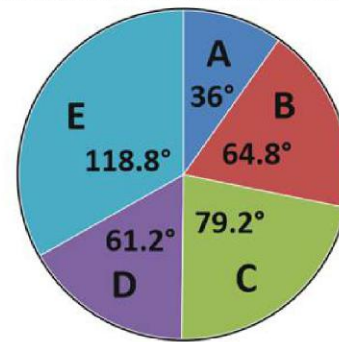
- (a) Rs. 36,800 (b) Rs. 36,400 (c) Rs. 35,800
(d) Rs. 40,000

47). The profit on selling an article for Rs.1,100 is equal to three times the amount of loss on selling it for Rs.700. To gain 12.5% the article must be sold for:

- (a) Rs. 956 (b) Rs. 877.50 (c) Rs. 787.50
(d) Rs. 900

48). Study given pie chart and answer the question that follows.

Distribution (degree wise) of students studying in schools A, B, C, D & E
Total number of students - 9000



The total number of students in schools D and E is what percentage more than the total number of students in schools B and C?

- (a) 20 (b) 25 (c) 30 (d) 35

49). A is 40% more than B and B is 60% less than C. If C is 60% more than D, then which of the following is true?

- (a) C is 60% more than B (b) B is 36% less than D
(c) D is 10.4% more than A.
(d) A is 54% less than C.

50). The average score of 42 students in a test is 69. The ratio of the number of boys to that of girls is 10 : 11. The average score of the boys is 20% more than that of the girls. The average score of the boys is:

- (a) 82.8 (b) 75.6 (c) 73.5 (d) 75.2

51). Which of the following is the unit of force?

- (a) Pascal (b) Newton (c) Joule (d) Watt

52). The speed of light is approximately:

- (a) $3 \times 10^8 \text{ m/s}$ (b) $3 \times 10^6 \text{ m/s}$ (c) $3 \times 10^5 \text{ km/s}$
(d) $3 \times 10^{10} \text{ cm/s}$

53). What is the acceleration due to gravity on Earth?

- (a) 8.9 m/s^2 (b) 9.8 m/s^2 (c) 10.2 m/s^2
(d) 11.5 m/s^2

54). Which of the following mirrors is used in vehicle headlights?

- (a) Plane mirror (b) Concave mirror
(c) Convex mirror (d) Parabolic mirror

55). The SI unit of power is:

- (a) Joule (b) Watt (c) Newton (d) Volt

56). Which gas is used in fire extinguishers?
(a) Oxygen (b) Carbon dioxide (c) Methane
(d) Nitrogen

57). The pH value of neutral water at 25°C is:
(a) 0 (b) 7 (c) 14 (d) 10

58). The atomic number of oxygen is:
(a) 6 (b) 7 (c) 8 (d) 9

59). Which of the following is a noble gas?
(a) Oxygen (b) Neon (c) Chlorine (d) Hydrogen

60). Baking soda is chemically known as:
(a) Sodium carbonate (b) Sodium bicarbonate
(c) Calcium carbonate (d) Potassium bicarbonate

61). The powerhouse of the cell is:
(a) Ribosome (b) Mitochondria (c) Nucleus
(d) Golgi apparatus

62). The human heart has how many chambers?
(a) 2 (b) 3 (c) 4 (d) 5

63). Which vitamin is known as ascorbic acid?
(a) Vitamin A (b) Vitamin B (c) Vitamin C
(d) Vitamin D

64). The process of photosynthesis occurs in:
(a) Nucleus (b) Chloroplast (c) Mitochondria
(d) Ribosome

65). Which organ purifies blood in the human body?
(a) Heart (b) Liver (c) Kidneys (d) Lungs

66). What is the boiling point of water at sea level?
(a) 100°C (b) 90°C (c) 120°C (d) 80°C

67). The largest planet in our solar system is:
(a) Earth (b) Jupiter (c) Saturn (d) Mars

68). The chemical symbol for gold is:
(a) Au (b) Ag (c) Fe (d) Pb

69). Which is the hardest natural substance?

(a) Iron (b) Diamond (c) Platinum (d) Graphite

70). How many bones are in the adult human body?
(a) 200 (b) 206 (c) 210 (d) 216

71). The process of converting solid into gas is called:

(a) Fusion (b) Sublimation (c) Condensation
(d) Evaporation

72). The study of weather is called:
(a) Astronomy (b) Meteorology (c) Geology
(d) Ecology

73). Which blood group is the universal donor?
(a) AB+ (b) O- (c) A+ (d) B-

74). Which type of lens is used to correct short-sightedness?
(a) Convex lens (b) Concave lens
(c) Cylindrical lens (d) Bifocal lens

75). The first law of thermodynamics states that:
(a) Energy can be created.
(b) Energy can neither be created nor destroyed.
(c) Entropy always decreases.
(d) Work done is independent of the system.

76). Which country hosted the 2022 FIFA World Cup?
(a) Russia (b) Qatar (c) Brazil (d) Germany

77). Who is the author of the book 'The 3 Mistakes of My Life'?
(a) Chetan Bhagat (b) Aravind Adiga
(c) Amish Tripathi (d) Shashi Tharoor

78). Which of the following is the capital of Australia?
(a) Sydney (b) Canberra (c) Melbourne (d) Perth

79). Which space agency successfully launched the Mars Orbiter Mission (Mangalyaan)?
(a) NASA (b) ISRO (c) Roscosmos (d) SpaceX

80). Who was awarded the Nobel Peace Prize in 2021?

- (a) Abiy Ahmed Ali (b) Malala Yousafzai
(c) Greta Thunberg (d) Maria Ressa

81). Which Indian city is known as the 'Silicon Valley of India'?

- (a) Pune (b) Bengaluru (c) Hyderabad
(d) Chennai

82). Which country is known as the Land of the Rising Sun?

- (a) China (b) Japan (c) South Korea (d) Thailand

83). What is the official currency of the United Kingdom?

- (a) Euro (b) Pound Sterling (c) Dollar (d) Yen

84). Which country recently became the first in the world to approve a COVID-19 vaccine for children aged 5 to 11?

- (a) USA (b) China (c) UK (d) Russia

85). Which of the following is the national animal of India?

- (a) Lion (b) Tiger (c) Elephant (d) Peacock

86). What does the acronym 'PM CARES' stand for?

- (a) Public Management for Covid Assistance and Relief Emergency Scheme
(b) Prime Minister's Citizen Assistance and Relief in Emergency Situations
(c) Prime Minister's Contribution Assistance and Relief Emergency Services
(d) None of the above

87). Which of the following countries does NOT border India?

- (a) China (b) Bangladesh (c) Nepal
(d) Afghanistan

88). In which city NSDC (National Skill Development Corporation) International Academy has been inaugurated recently?

- (a) Greater Noida (b) Bengaluru (c) Delhi
(d) Surat

89). Who is the founder of Microsoft?

- (a) Steve Jobs (b) Bill Gates (c) Mark Zuckerberg
(d) Larry Page

90). Which is the largest ocean in the world?

- (a) Atlantic Ocean (b) Indian Ocean
(c) Pacific Ocean (d) Arctic Ocean

91). What is the national flower of India?

- (a) Rose (b) Lily (c) Lotus (d) Jasmine

92). Which of the following organizations is headquartered in New York?

- (a) WHO (b) UN (c) WTO (d) IMF

93). Which state in India is known as the 'Spice Garden of India'?

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

94). Which company has recently changed its name to 'Eternal'?

- (a) Zomato (b) Blinkit (c) Swiggy
(d) None of the above

95). Who is the current President of India?

- (a) Ram Nath Kovind (b) Pranab Mukherjee
(c) Droupadi Murmu (d) Narendra Modi

96). A and B can complete a work in 8 and 12 days, respectively. How many days will they take if they work together?

- (a) 4.8 days (b) 6 days (c) 5 days (d) 7 days

97). A cylinder has a radius of 5 cm and a height of 10 cm. What is the volume of the cylinder?

- (a) 150 cm^3 (b) 250 cm^3 (c) 350 cm^3 (d) 450 cm^3

98). The area of a rectangle is 120 cm^2 , and its length is 15 cm. What is its width?

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

99). A bag contains 5 red balls and 3 green balls. What is the probability of drawing a red ball?

- (a) $\frac{5}{8}$ (b) $\frac{3}{8}$ (c) $\frac{1}{2}$ (d) $\frac{5}{3}$

100). A sum of ₹1200 is invested at a rate of 6% per annum for 3 years. What is the total amount at the end of the period?

- (a) ₹1400 (b) ₹1500 (c) ₹1600 (d) ₹1700