

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

RRB NTPC

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 16

QUESTION- 100

MARKS- 100

NEGATIVE MARK- 1/3

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 1/3 MARKS WILL BE DEDUCTED FOR EACH WRONG ANSWER.



10 Years of Excellence

Spardhaguru India Private Limited

Website:- www.spardha.guru

Email ID:- info@spardha.guru

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 NTPC Set 16

Time: 90 Min.

RRB NTPC CBT I

- 1). In the following question, select the related word from the given alternatives.
Ink : Pen :: Blood : ?

(a) Donation (b) Vein (c) Accident (d) Doctor

- 2). Select the option that is related to the third term in the same way as the second term is related to the first term.
House : Kitchen :: Plant : ?

(a) Roots (b) Leaves (c) Flower (d) Stigma

- 3). In a certain code language, 'SAT' is written as '42' and 'PES' is written as '42'. What is the code for 'AZC' in that code language?

(a) 32 (b) 34 (c) 42 (d) 44

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

What is Guna's age?

I. Guna, Vinay and Keshav are all of the same age.

II. Sum of ages of Vinay, Keshav and Arjun is 32; also Arjun is as old as Vinay and Keshav together.

- (a) Statement II alone is sufficient.
(b) Both the statements together are needed
(c) Either I or II alone are sufficient.
(d) Statement I alone is sufficient.

- 5). In a certain code language 'PSYCHOANALYSE' is written as '! @ # \$ % ^ & * < # @ >'. How will 'CANALS' be written in that code?

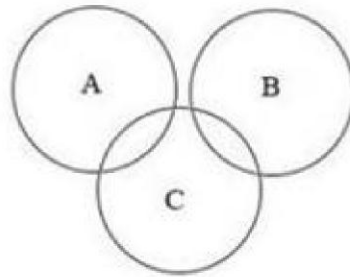
(a) \$ & * < @ (b) # % * % < @ (c) \$ & * & # @ (d) @ # ^ & ^ %

- 6). Manish after walking 15 km towards east turns 135 degree in the clockwise direction and walks

17 km. How far is he from his starting position?

(a) 12 km (b) 8 km (c) 10 km (d) 9 km

- 7). In the given Venn diagram, A likes milk, B likes bread and C likes meat. Who likes all the given eating materials?



- (a) Only B (b) Only C (c) Both B and C
(d) Both A and B

- 8). select the number group which is different from the others.

9 (79) 7,6 (41) 5,9 (69) 6, 7 (56) 8

(a) (1) 9 (79) 7 (b) 6 (41) 5 (c) 9 (69) 6
(d) 7 (56) 8

- 9). Karthik walks 10 km east and turning left he walks 4 km. Moves Then he turns left and walks 13 km. Moves How far will it be from the starting point?

(a) 13 km. (b) 7 km. (c) 27 km. (d) 5 km

- 10). Introducing a person, Kumar said, 'He is the son of the only child of my mother-in-law's husband. How is the person related to Kumar?

(a) Uncle (b) Nephew (c) Son (d) Brother

- 11). Select the option which is different from the others.

(a) Cuttack (b) Chennai (c) Mumbai (d) Kochi

- 12). Select the option that is different from the others.

(a) Goal (b) Bat (c) The wicket (d) Stump

- 13). Read the following statement and answer which of the following arguments is stronger?

Statements:

Should all the liquor be banned in India?

Argument:

(i) Yes, alcohol consumption is the most important issue that Indians are facing today, especially young and lower middle class people, which motivates them for all levels of law-breaking activity.

(ii) No, it will encourage the illegal liquor business to flourish which will lead to further complications.

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

- 14). Five friends A, B, C, D and E are placed in order of their heights.

- (i) B is taller than C and E
(ii) C is taller than D and B is not the tallest.

Regarding the given event, which of the following is incorrect?

- (a) A is taller than D. (b) C is taller than D
(c) B is taller than D. (d) E is taller than C

- 15). A person moves 400 metres to East. He turns to his left and moves 400 metres. Then again, he turns to his left and walks 400 metres. Finally, he turns to his right and moves 100 metres. Now, how far away in metres, is he from the starting point?

- (a) 1300 (b) 900 (c) 800 (d) 500

- 16). 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 parrots are chicks.
2) All birds are chicks.

Conclusions:

- I. Some birds are parrots.
II. Some chicks are parrots.

- (a) Both conclusion I and conclusion II follow
(b) None of the two conclusions follows
(c) Only conclusion I follows
(d) Only conclusion II follows

- 17). Raj is facing north, he cycles for 8 km, then turns towards the southeast direction to move 10 km and from there, he moves 6 km towards the west. In which direction/place, is he from his original position?

- (a) North (b) East (c) West
(d) At the original position

- 18). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
10, 17, 25, 37, 58, 95, ?

- (a) 150 (b) 157 (c) 105 (d) 127

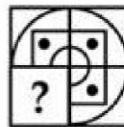
- 19). Ram is facing towards the south. He turns to his left and moves 40 km, and then turns to his right and moves 50 km more. Finally, he turns to his left again and moves 60 km. Which direction is he facing now?

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

- 20). Rohit's birthday is on Tuesday 15th March. On what day of the week will be Priya's birthday in the same year if Priya was born on 28th August and the year was a leap year?

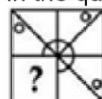
- (a) Monday (b) Tuesday (c) Friday (d) Sunday

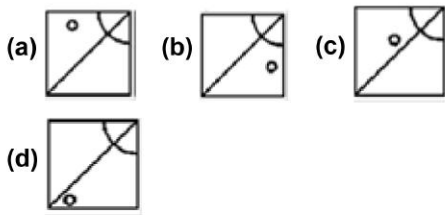
- 21). Which answer figure will complete the pattern in the question figure?



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

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





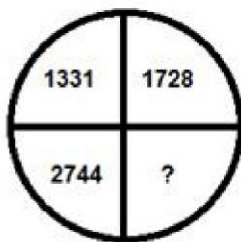
- 23). Six people are sitting in two parallel rows containing three people each, in such a way that there is an equal distance between adjacent persons. In row 1, A, B and C are seated and all of them are facing south. In row 2, P, Q and R are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. A is an immediate neighbour of C who is opposite to P who is at immediate left of Q. A is one of the extreme right ends. Who is opposite to Q?

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

- 24). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
3, 4, 6, 8, 12, 14, 18, ?

(a) 21 (b) 22 (c) 20 (d) 24

- 25). In the following question, select the missing number from the given alternatives.



(a) 2295 (b) 2096 (c) 2197 (d) 2744

- 26). In a certain code language, "MATHS-TET" is written as "16". How is "BOOK-BOY" written in that code language?

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

- 27). Which letter will replace the question mark(?) in the following series?
V, A, H, Q, B, ?

(a) P (b) G (c) O (d) S

- 28). There are 200 individuals with a skin disorder, 120 had been exposed to the chemical C1, 50 to chemical C2, and 30 to both the chemicals C1 and C2. Find the number of

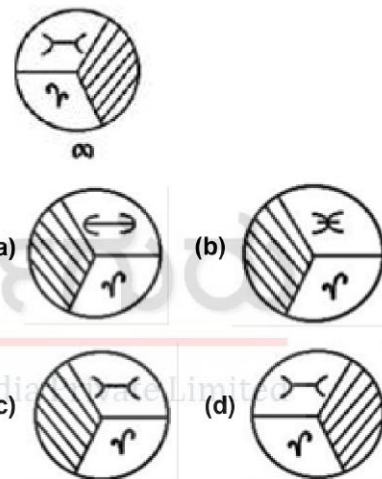
individuals exposed to Chemical C1 but not chemical C2.

(a) 90 (b) 50 (c) 30 (d) 120

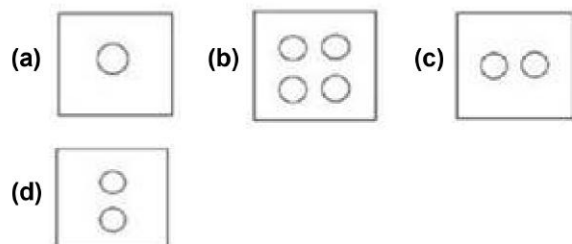
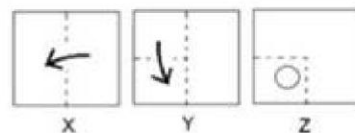
- 29). After starting from his house. Naren walked a few meters towards the east. From there, he took a right turn and walked 80 m, and then took a left turn and walked 20 m. Finally, he took a right turn again and walked 40 m to reach the hospital, if the air distance between his house and the hospital is 130 m. how far did Naren walk towards the east initially?

(a) 50 m (b) 25 m (c) 40 m (d) 30 m

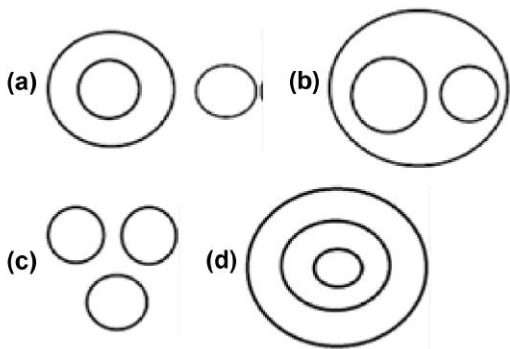
- 30). Select the correct mirror image of the given figure when the mirror is placed on the right of the figure.



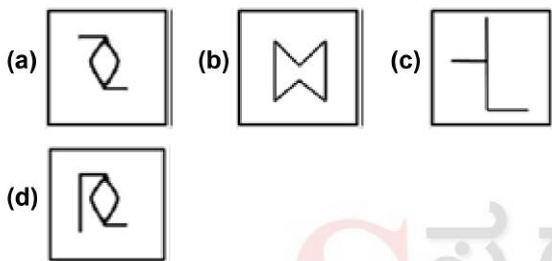
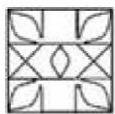
- 31). Given is a set of three X, Y and Z, showing the folding sequence of a piece of paper. Fig Z shows the manner in which the folded paper has been cut. Study these figures carefully and select the option that would most closely resemble this piece of paper when unfolded.



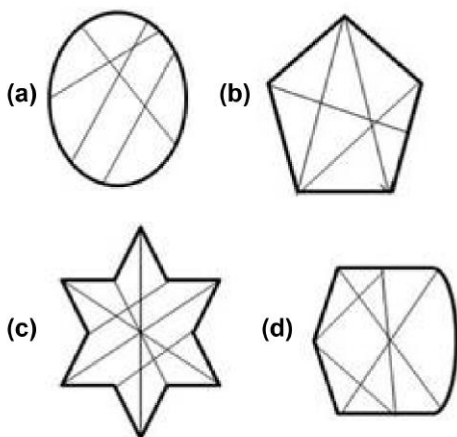
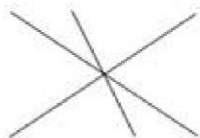
- 32). Select the Venn diagram from the options which represent the relationship among the given words.
Indonesia, Asia, Bangladesh



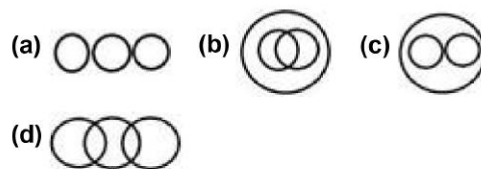
33). Select that option which is embedded in the question figure.



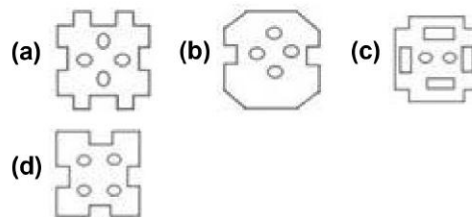
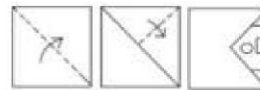
34). Select the option in which the given figure is embedded.



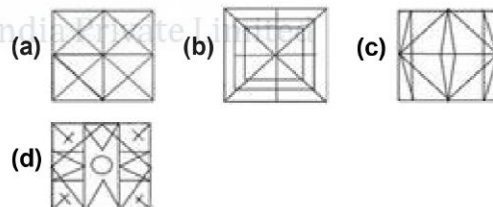
35). Select the Venn diagram that represents the correct relationship between the following classes:
Table, Stationery, Carpet



36). The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



37). From the given options, select the figure which is embedded in the following figure (rotation is NOT allowed).



38). Select the word-pair in which the two words are related in the same way as the two words in the given word-pair.

Ice cream : Freezer

- (a) Coal : Water (b) Table : Chair
(c) Money : Mine (d) Arrows : Quiver

39). In a certain code language, R is written as J, M is written as U, A is written as K, Y is written as C, I is written as F and P is written as B. How will 'PRIMARY' be written as in that language?

- (a) BJFUKJC (b) BJFUKLD (c) HEGUKJC
(d) BJSREJC

40). There are five different cottages, M to Q in a row. M is to the right of N and Q is to the left of O and right of M. N is to the right of P. The first cottage from the left is _____.

(a) M (b) N (c) P (d) Q

41). In the following question, select the related word from the given alternatives.

Steel : Alloy :: Zinc : ?

(a) Metal (b) Non-metal (c) Salt (d) Halogen

42). In the following question, one statement is followed by two Assumptions I and II. You have to consider the statement to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given assumption(s), if any, follow(s) from the given statement.

Statement: "If you disturb me, I will complain to the teacher" a student warns his friend.

Assumptions:

I. With the warning, the friend may stop disturbing him.

II. All friends are arrogant.

(a) If only assumption I is implicit.

(b) If only assumption II is implicit.

(c) If neither I nor II is implicit.

(d) If both I and II are implicit.

43). A question and three statements labelled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question: Ram, Sham, Vinit, Aman, and Manish are sitting in a row. Who is sitting the middle?

Statements:

I. Sham is between Manish and Vinit.

II. Sham is to the right of Manish.

III. Aman is between Ram and Manish.

(a) Only statement I is sufficient.

(b) Statement II and III together are sufficient.

(c) Data is not sufficient.

(d) Both I, II and III together are sufficient.

44). If the word CREATIVE is coded as 51483674, the word REAL is coded as 1489, then how will word LITTLE be coded?

(a) 966394 (b) 963394 (c) 963994 (d) 969394

45). Two trains are running 40 km/hr and 20 km/hr respectively in the same direction. The fast train completely passes a man sitting in the slow train in 5 seconds. The length of the fast train is

(a) $23\frac{2}{9}$ m (b) 27 m (c) $27\frac{7}{9}$ m (d) 23 m

46). In three teams, which include A, B and C - A team includes 5 boys, B team includes 7 boys and C team include 4 boys. In how many ways 3 boys from A team, 5 boys from B team and 2 boys from C team be selected?

(a) 1260 (b) 1360 (c) 1460 (d) 1560

47). A thief is stopped by a policeman from a distance of 350 metres. When the policeman starts the chase, the thief also starts running. Assuming the speed of the thief as 7 km/h and that of police man as 12 km/h, how far the thief would have run, before he is over taken?

(a) 490 metres (b) 392 metres (c) 588 metres

(d) 294 metres

48). $\frac{3}{4}$ part of a tank is filled with oil. After taking out 60 litres of oil, the tank is $\frac{2}{3}$ part full. What is the capacity (in litres) of the tank?

(a) 240 (b) 360 (c) 600 (d) 720

49). If two successive discounts of 40% and 20% are given, then what is the net discount?

(a) 56 (b) 68 (c) 52 (d) 60

50). By selling a table for Rs. 2700 a man gets 10% loss, and then at what price (in Rs) should he sell to gain $33\frac{1}{3}\%$?

(a) 3000 (b) 3300 (c) 3600 (d) 4000

51). A train leaves from Meerut at 5 am and reaches Delhi at 9 am. Another train leaves Delhi at 7 am and reaches Meerut at 10: 30 am. At what time do the two trains cross each other?

(a) 7 : 36 am (b) 7 : 56 am (c) 8 : 26 am

(d) 7 : 15 am

52). Two numbers are in the ratio of 15 : 11. If their H.C.F. is 13, find the numbers.

(a) 112 and 200 (b) 135 and 214

(c) 214 and 600 (d) 195 and 143

53). Four traffic lights blink at the interval of 4 sec, 6 sec, 8 sec and 16 sec. If they blink together now, after what time will they blink together again?

(a) 12 sec (b) 24 sec (c) 1 hour (d) 48 sec

54).

$$\frac{63.5 \times 63.5 \times 63.5 + 36.5 \times 36.5 \times 36.5}{6.35 \times 6.35 - 6.35 \times 3.65 + 3.65 \times 3.65}$$

is equal to:

- (a) 100 (b) 1,000 (c) 1, 00,000 (d) 10,000

55). If $a + b + c = 8$ and $a^2 + b^2 + c^2 = 24$, then the value of $ab + bc + ca$ is

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

56). The average weight of 50 students in a class was 35 kg. Later it was found that the weight of one of the student was calculated as 5 kg more by mistake. Find the actual average weight of the class.

- (a) 34.9 kg (b) 35.1 kg (c) 36 kg (d) 33.4 kg

57). Ved deposited Rs. 15600 at the rate of 10% per annum at simple interest. After every second year, he adds his interest earnings to the principal. The total interest at the end of 4th year is:

- (a) Rs. 6864 (b) Rs. 7430 (c) Rs. 6300
(d) Rs. 5400

58). A dealer allows 25% discount on the marked price of an article and gains 20%. If the cost price of the article increases by 20%, how much discount percentage should he allow on the marked price so as to earn the same percentage of profit as before?

- (a) 8.5% (b) 10% (c) 12% (d) 7.25%

59). The average of twelve numbers is 45.5. The average of the first four numbers is 41.5 and that of the next five numbers is 48. The 10th number is 4 more than the 11th number and 9 more than the 12th number. What is the average of the 10th and 12th numbers?

- (a) 47 (b) 46 (c) 47.8 (d) 46.5

60). The ratio of the ages of two person is 3 : 4. If the age of one of them is greater than the other by 8 years, then what is the sum of their ages?

- (a) 54 years (b) 58 years (c) 60 years
(d) 56 years

61). The fourth proportional to 0.15, 0.27 and 16 is

- (a) 22.6 (b) 33.7 (c) 25.5 (d) 28.8

62). Which of the following institutions deals with credit to Agriculture and Rural Development?

- (a) IDBI (b) NABARD (c) SIDBI (d) RBI

63). The seasonal reversal of winds is the typical characteristic of:

- (a) Equatorial climate (b) Mediterranean climate
(c) Monsoon climate (d) All of the above climates

64). Consider the following statements and choose the most valid argument:

The Prime Minister of India, at the time of his/her appointment-

- (a) need not necessarily be a member of one of the Houses of the Parliament but must become a member of one of the Houses within six months.
(b) need not necessarily be a member of one of the Houses of the Parliament but must become a member of the Lok Sabha only within six months.
(c) must be a member of one of the Houses of the Parliament.
(d) must be a member of the Lok Sabha only.

65). The first speaker of Lok Sabha was _____.

- (a) S. Radhakrishnan
(b) M. Ananthasayanam Ayyangar
(c) Sardar Hukum Singh (d) G.V. Mavlankar

66). The infective stage of Malaria is:

- (a) Gametocyte (b) Ring stage (c) Sporozoite
(d) Merozoite

67). The legislative matters on which uniformity of legislation throughout the country is desirable are enumerated in the Constitution under:

- (a) Residuary list (b) Union list (c) State list
(d) Preamble

68). Which of the following is/are included under the basic structure of the Constitution?

- (a) Parliamentary System
(b) Federal Character of the Constitution
(c) Judicial Review (d) All of the above

69). Which of the following articles of the Indian Constitution belongs to the National Commission for Scheduled Castes?

- (a) Art. 324 (b) Art. 280 (c) Art. 338 (d) Art. 148

70). _____ is a collection of methods that allows the correction of gene defect that has been diagnosed in a child or embryo.

- (a) Genetic Engineering (b) Gene therapy
(c) Recombinant DNA technology
(d) Transgenic technology

71). Which of the following statements is not correct about the Vice President of India?

- (a) The electoral college of the Vice President consists of all the members of the Parliament and state assemblies.
(b) He is the ex-officio chairman of Rajya Sabha.
(c) He can be removed from his office by a resolution passed by Rajya Sabha with an absolute majority which is also agreed by Lok Sabha.
(d) None of the above

72). As per the Constitution of India, Panchayats at the intermediate level may NOT be constituted in a State having a population not exceeding:

- (a) Thirty lakhs (b) Forty lakhs (c) Ten lakhs
(d) Twenty lakhs

73). The quorum to constitute a sitting of the Lok Sabha is _____ of the total number of Members of the House under article 100(3) of the Constitution of India.

- (a) one-tenth (b) one-fifth (c) one-third (d) Half

74). Which of the following words was inserted in the Preamble by the 42nd Amendment of the Constitution of India?

- (a) Economic (b) Integrity (c) Belief
(d) Political

75). If any Fundamental Right of a citizen is breached, then under Article 32 of the Indian Constitution, the citizen can directly go to the _____.

- (a) President of India (b) Prime Minister of India
(c) Supreme Court of India (d) Governor of state

76). Who among the following does NOT hold his office till the pleasure of President?

- (a) Governor of State (b) Attorney General of India
(c) Chief Election Commissioner
(d) Prime Minister of India

77). The branch of botany which deals with identification, nomenclature and classification of an organism is known as _____.

- (a) Morphology (b) Phytochemistry
(c) Taxonomy (d) Paleobotany

78). Which one of the following is NOT correctly matched regarding the Indian Constitution?

- (a) Part 12 - Finance, property, contracts and suits
(b) Union Constitution Committee - Jawahar Lal Nehru
(c) 1784 - Appointment of a Board of Control
(d) Fisheries - Subject of Central List

79). Biotic components of an ecosystem include:

- (a) Sunlight (b) Soil (c) Air (d) Bacteria

80). Veld grassland is situated in which country?

- (a) Brazil (b) China (c) South Africa
(d) Canada

81). 'The Constitution of free India must be framed, without outside interference, by a Constituent Assembly elected on the basis of adult franchise'. This statement was given by-

- (a) Sardar Patel (b) Jawaharlal Nehru
(c) Mahatma Gandhi (d) Dr. Bhim Rao Ambedkar

82). At the point of saturation, marginal utility of a particular commodity is:

- (a) Zero (b) Unity (c) Greater than unity
(d) Less than unity

83). A motion for the adjournment of the debate or a motion to retard or delay the progress of the business under consideration of the House is called:

- (a) crossing the floor (b) expunction motion
(c) dilatory motion (d) adjournment of debate

84). According to which Article of the Constitution of India, shall the council of ministers be collectively responsible to the Lok Sabha?

- (a) Article 29 (b) Article 75 (c) Article 35
(d) Article 302

85). Justice Rajinder Sachar Committee was set up to study-

(a) the socio-economic status of Muslim community in India

(b) the impact of globalisation on India

(c) the standards maintained by government hospitals in India

(d) the environmental issues of the western ghats in India

86). According to which of the following principles, 'individuals who receive the most benefits from government-produced goods should pay the most for their production'?

(a) Cost Principle (b) Liability Principle

(c) Benefit Principle (d) Alternative Principle

87). Half life of a radioactive element depends upon

(a) Amount of element present (b) Temperature

(c) Pressure (d) Nature of element

88). Downward slope of the demand curve shows:

(a) Positive relationship between price and quantity demanded

(b) Inverse relationship between price and quantity demanded

(c) No relationship between price and quantity demanded

(d) None of these

89). The Environment (Protection) Act was passed in which year?

(a) 1961 (b) 1974 (c) 1986 (d) 1992

90). Which type of unemployment will take place if an economy moves from Labour intensive economy to a Capital-intensive economy?

(a) Cyclical unemployment

(b) Frictional unemployment

(c) Disguised unemployment

(d) Structural unemployment

91). Bara Lacha La (mountain pass) is located in which amongst the following Himalayan ranges?

(a) Ladakh Range (b) Zaskar Range

(c) Karakoram Range (d) Pir Panjal Range

92). Which of the following is/are Incorrect with regard to the judge of the High court?

(a) He should have been an advocate of a high court (or high courts in succession) for ten years.

(b) The Constitution has not fixed the tenure of a judge of a high court.

(c) The address removing the judge of a High court must be supported by a special majority of each House of Parliament.

(d) The allowance and Privilege are determined by president from time to time.

93). Which of the following branches of Buddhism considers Buddha to be an ordinary man with supernatural qualities?

(a) Hinayana (b) Mahayana (c) Vajrayana

(d) Buddhist Society

94). Kris Gopalakrishnan Committee, recently in news, is related to:

(a) Personal Data Governance Framework

(b) Non-Personal Data (NPD) Governance Framework

(c) Cyber security framework

(d) Crypto-currency regulation

95). The Five Eyes alliance was recently seen in the news. It does not include which of the following countries?

(a) Japan (b) USA (c) Australia (d) UK

96). Gender Social Norms Index, recently seen in news, is released by which of the following organizations?

(a) World Economic Forum

(b) United Nations Development Programme

(c) World Bank

(d) United Nation Economic and Social Commission for Asia and Pacific

97). Operation Sadbhavana, undertaken by Indian army, aimed:

(a) bring Indian residents stuck in the conflict-ridden West Asia back to the country.

(b) address the aspirations of people affected by terrorism in Jammu and Kashmir and Ladakh.

(c) help the government of India to address cases of human rights violation.

(d) a counter-insurgency operation in the eastern belt affected by Left-wing extremism.

98). During the tenure of which Governor-General of India, the Hindu Widows' Remarriage Act was

passed?

- (a) Lord Harding I (b) Lord Ellenborough
(c) Lord Auckland (d) Lord Dalhousie

99). Who among the following passed the Indian Universities Act?

- (a) Lord Dalhousie (b) Lord Linlithgow
(c) Lord Reading (d) Lord Curzon

100). If $\sqrt{143} = 11.96$ then the value of

$$\frac{\sqrt{13} + \sqrt{11}}{\sqrt{13} - \sqrt{11}}$$

- (a) 13.96 (b) 23.96 (c) 22.96 (d) 25.96

