RRB NTPC

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 25

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.
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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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RRB NTPC CBT I

1). Which of the following is exactly divisible by 6?

(a) 4325672   (b) 5643252   (c) 96543111

(d) 465466

2). Vivek can do a certain work in 14 days. Vishal is 75% more efficient than Vivek. How many days will Vishal alone take to do the same work?

(a) 8 days   (b) 9 days   (c) 10 days   (d) 6 days

3). A certain sum of money amounts to Rs 8,928 in two years and to Rs 10,224 in $3\frac{1}{2}$ years, both at simple interest. The rate of interest per annum is :

(a) 12%   (b) 10%   (c) 9%   (d) 15%

4). Ranjeet drives his car at an average speed of 50 km/hr and reaches his destination in 8 hours. Rahman covers the same distance in 5 hours. If Ranjeet increases his speed by 10 km/hr and Rahman increases his speed by 20 km/hr, then what will be the difference in the time takes by them to reach their destination?

(a) 2 hours 30 minutes   (b) 3 hours 40 minutes

(c) 23hours 20 minutes   (d) 2 hours 40 minutes

5). A, B and C are partners in a business. A, whose capital has been used for 5 months, claims $\frac{1}{7}$ of the profit, B whose capital has been used for 7 months, claims $\frac{1}{5}$ of the profit. C has invested Rs 4,600 for 9 months. How much capital did A contribute?

(a) Rs 1,800   (b) Rs 1,650   (c) Rs 1,600

(d) Rs 1,850

6). The value of $\dfrac{(2.8)^3 + (2.2)^3}{(28)^2 - 28 \times 22 + 484}$ is:

(a) 0.02   (b) 0.05   (c) 0.01   (d) 0.5

7). The average age of husband, wife and child 7 years ago was 42 years and that of wife and child 9 years ago was 36 years. The present age of the husband is:

(a) 50   (b) 55   (c) 48   (d) 57

8). Mangoes are bought at a rate of Rs 10,000 per ton. If one-third of the total mangoes are sold at a loss of 4%, then at what price (per ton) should the remaining mangoes be sold so as to gain 30% on the whole transaction?

(a) Rs 15,000   (b) Rs 13,500   (c) Rs 14,700

(d) Rs 14,600

9). Two persons A and B are paid a total of Rs 2,040 per week by their employer. If B is paid 140 per cent of the sum paid to A, then how much is A paid per week?
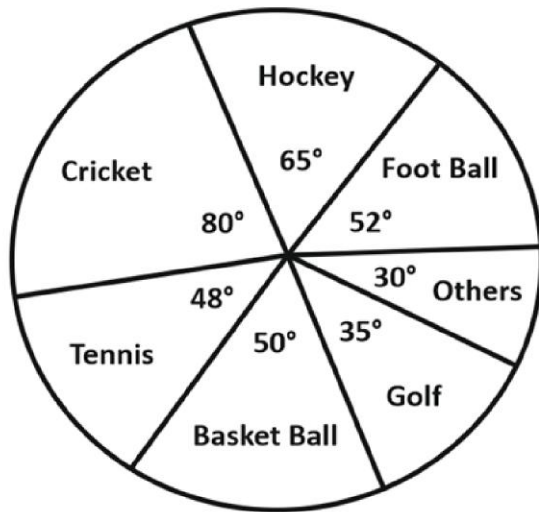
(a) Rs 750   (b) Rs 820   (c) Rs 850   (d) Rs 800

10). The speed of a train is $2\frac{1}{6}$ times the speed of a car. The car covers 486 km in 9 hours. How much distance will the train cover in 6 hours?

(a) 612 km   (b) 702 km   (c) 732 km   (d) 712 km

11). A batman scores 92 runs in the 15th inning and thus increases hisaverage by 4. What is his average after the 15th inning?

(a) 40   (b) 32   (c) 35   (d) 36

12). The pie-chart given here shows the country's expenditure on various sports during a particular year. Study the pie-chart and answer the question given below.

If the total amount spent on sports in the year was Rs 1,80,00,000, then the amount spent in tennis is more than the expenditure on golf by:

(a) Rs 2,40,000   (b) Rs 4,75,000   (c) Rs 5,50,000

(d) Rs 6,50,000

---

13). The value of

$$\frac{17.35 + \frac{7}{5}\ of\ 55 - 7}{(42 \div 6 \times 8.35) - \frac{3}{7}\ of\ \left(\frac{2}{3} - \frac{1}{5}\right) + [291 \div (80 \div 8)]}$$

is:

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

---

14). If $a - b = 5$ and $a^2 + b^2 = 45$, then the value of ab is:

(a) 25   (b) 10   (c) 15   (d) 20

---

15). The salaries of Raju and Peter are in the ratio 3 : 5. If the salary of each is increased by Rs 2,500, then the new ratio is 11 : 15. What is Peter's before increment salary?

(a) Rs 3,500   (b) Rs 2,500   (c) Rs 4,000

(d) Rs 5,000

---

16). Two pipes A and B can fill a tank in 18 minutes and 24 minutes respectively. If both the pipes are opened simultaneously, then after how much time should pipe B be closed so that the tank is full in 12 minutes?

(a) 6 minutes   (b) 9 minutes   (c) 8 minutes

(d) 5 minutes

---

17). The HCF and LCM of two numbers are 8 and 48 respectively. If the ratio of the two numbers is 2 : 3, then the larger of the two numbers is :

(a) 24   (b) 18   (c) 48   (d) 16

---

18). A shopkeeper has announced 40% rebate on the price of TV sets at the time of sale. If a purchaser needs to have a rebate of 26,400, then how many TV sets each costing 6,000 should he purchase?

(a) 9   (b) 11   (c) 8   (d) 12

---

19). A circular wire of diameter 77cm is bent in the form of a rectangle whose length is 142% of its breadth. What is the area of the rectangle?

(Take π = 22/7)

(a) 3520 sq.cm   (b) 3450 sq.cm   (c) 3550 sq.cm

(d) 3620 sq.cm

---

20). A cuboidal tank has 25000 litres of water. If the depth of the cuboid is $\frac{1}{}$ of its length and breadth is $\frac{1}{}$ of its length, then the length of the tank is:

(a) 120 m   (b) 100 m   (c) 150 m   (d) 180 m

---

21). A tank is filled in 4 hours by three pipes A, B and The pipe C is twice as fast as B and pipe B is thrice as fast as How much time will pipe A alone take to fill tank?

(a) 25 hours   (b) 40 hours   (c) 30 hours

(d) 32 hours

---

22). A single equivalent discount equivalent to three successive discounts of 10%, 16% and 25%, is equal to:

(a) 42%   (b) 46.5%   (c) 41%   (d) 43.3%

---

23). A rectangular sheet of paper which is 88 cm long and 11 cm wide is rolled to form a cylinder of height equal to its width of the paper. What is the volume of the cylinder so formed?

(a) 7676 cm^3 (b) 6776 cm^3 (c) 6546 cm^3

(d) 6786 cm^3

---

24). The value of $\dfrac{56 + \frac{2}{3}\ of\ 27 - 8}{15 - \frac{3}{5}\ of\ (29 - 14)}$ is:

(a) 12   (b) 10   (c) 15   (d) 11

---

25). What is the sum of the greatest three digit number and smallest four digit number such that their HCF is 23?

(a) 2001   (b) 2002   (c) 1984   (d) 1998

26). If $\sqrt{0.00576 \times y} = 2.4$, then y is equal to:

(a) 3600 **(b)** 1200 **(c)** 1000 **(d)** 2400

---

27). Two times of A's salary is five times of B's salary and four times of B's salary is twice C's salary. What is A's salary if C's salary is Rs 1,600?

(a) Rs 2,000 **(b)** Rs 2,500 **(c)** Rs 2,600

(d) Rs 3,000

---

28). Vaibhav can do a piece of work in 60 days. He works there for 15 days and then Sandeep alone finishes the remaining work in 30 days. In how many days will Vaibhav and Sandeep working together finish the work?

(a) 20 days **(b)** 24 days **(c)** 18 days

(d) 22 days

---

29). If a + b + c = 9 and ab + bc + ca = 18, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

(a) 243 **(b)** 254 **(c)** 234 **(d)** 244

---

30). 2000 employees are assigned to complete a project. At the end of the first year, 15% of the number of employees are decreased and at the end of the second year again 10% of the number of employees are decrease However, to complete the project in time, the number of employees are increased by 10% at the end of the third year. What was the number of employees working during the fourth year?

(a) 1786 **(b)** 1685 **(c)** 1683 **(d)** 1783

---

31). If 'GEAR' is written as '1234' and 'REACH' is written as '42368' and then 'CHEER' is written as?

(a) 68124 **(b)** 68224 **(c)** 18224 **(d)** 68223

---

32). Three of the following four letter clusters are alike in a certain way and one is different. Find the odd one out.
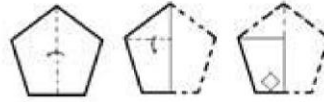
(a) A **(b)** I **(c)** O **(d)** J

---

33). In the following question, select the odd number from the given alternatives.

(a) 45 **(b)** 72 **(c)** 54 **(d)** 49

---

34). Three of the following four words are alike in a certain way and one is different. Find the odd one out.

(a) Speaker **(b)** Printer **(c)** Keyboard

(d) Monitor

---

35). 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?

---

36). In an office of 48 employees, Lokesh's rank from the top is sixteenth. What is lokesh rank from the bottom?

(a) 33 **(b)** 34 **(c)** 32 **(d)** 35

---

37). In a class, Monu's rank is twenty-third from the bottom and is thirty-seventh from the top, how many students are there in that class?

(a) 58 **(b)** 57 **(c)** 59 **(d)** 60

---

38). In question below are two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly facts and then decide which of the given conclusions logically follows from the given statements.

Statements:

I. No bat is balls.

II. All balls are rackets.

Conclusions:

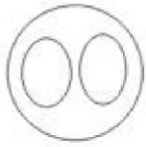I. Some bats are rackets.

II. Some rackets are balls.

(a) Only conclusion I follows.

(b) Only conclusion II follows.

(c) Both conclusions I and II follows.

(d) Either conclusion I or II follows.

---

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

(a) Court, Criminals, Thieves

(b) Continents, Ocean, sun

(c) Earth, Hydrosphere, Lithosphere

(d) Tennis player, Cricket Players, Students

---

40). In the following question, choose the pair/group of words that shows the same relationship as given at the top of every pair/group.
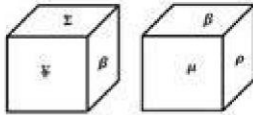
Vedas: Hindu :: Quran : ?

(a) Sikh **(b)** Christian **(c)** Muslim **(d)** Buddha

---

41). Which is the wrong number in the following number series?

15, 20, 18, 21, 21, 24

(a) 20 **(b)** 18 **(c)** 21 **(d)** 24

---

42). Two positions of the same dice are shown. There are six symbols on the cube that is ¥, ∞, μ, ρ, β, Σ, what will be in front of symbol β?
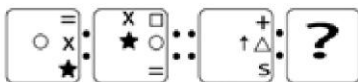

(a) ∞ **(b)** Σ **(c)** ¥ **(d)** ρ

---

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

(a) **(b)** **(c)** **(d)**

---

44). A particular Analogy is being shown. Understand the logic and complete the analogy by selecting correct option:

(a) **(b)** **(c)** **(d)**

---

45). A particular Analogy is being shown. Understand the logic and complete the analogy by selecting correct option:

(a) **(b)** **(c)** **(d)**

---

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

(a) **(b)** **(c)** **(d)**

---

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

Question figure:

Answer figure:

A   B   C   D

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

---

48). In a certain code if 'M' denotes'÷', 'N' denotes 'x', 'O' denotes '+' and 'P' denotes '-', then what will be the value of 45 M 9 M 5 N 6 P 3 O 4 N 2?

(a) 10 **(b)** 11 **(c)** 15 **(d)** 14

---

49). In a certain code if 'M' denotes'÷', 'N' denotes 'x', 'O' denotes '+' and 'P' denotes '-', then what will be the value of "9 N 3 M 1 O 5 M 5 N 4 P 16"?

(a) 16 **(b)** 17 **(c)** 15 **(d)** 12

---

50). Select the letter-cluster that can replace the question mark (?) in the following series.

P, N, L, J, H, F, ?

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

51). Select the letter-cluster that can replace the question mark (?) in the following series.

K , M ,P , ?,Y, E, L

(a) T   (b) U   (c) S   (d) W

52). In a certain language , 'uat veku' means 'good man', 'neta velu' means 'beautiful flowers' and 'meta velu veku' means 'good beautiful woman', then which word in that language means 'woman' ?

(a) meta   (b) velu   (c) veku   (d) neta

53). In a certain code language, TUESDAY is written as VWGUFCA. How will DECEMBER be written as in that language?

(a) TGDOGEGF   (b) FGEGODGT

(c) GFGEOGDT   (d) TGFEGOGF

54). Select the correct mirror image of the given figure when a mirror is placed on the right side of the figure.

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

55). Select the mirror image of the given figure when the mirror is placed to the right of the figure.

(a)   (b)   (c)

(d)

56). In the following question, a certain series of numbers or letters is given of which one series is empty. You have to decide which of the alternative series of the answer will be used in the blank space that is originally related to the sequence of that series.

Z1C, X2F, V6I, T12L, ?

(a) K21O   (b) L22Q   (c) R24O   (d) R20O

57). In the following question, a certain series of numbers or letters is given of which one series is empty. You have to decide which of the alternative series of the answer will be used in the blank space that is originally related to the sequence of that series.

K-121, I-81, G-49, E-25?

(a) C-8   (b) C-9   (c) B-4   (d) B-8

58). Select the figure in which the given figure is embedded.

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

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

ACEG: BEHK :: MOQS : ?

(a) NQTV   (b) NOPW   (c) NQTW   (d) NTWX

60). KARAOKE is written as 11118115115 in a certain code. How will EQUATION be written in the same code?

(a) 5162112091514   (b) 6172112091514

(c) 5172112091514   (d) 5172112291514

61). Name two methods by which it is used to replenish the soil with nutrients?

(a) Soil Drilling and Crop Rotation

(b) Crop Rotation and use of manure

(c) Use of Manure and Dripping

(d) Use of Manure and Seed Drill

62). Paddy and Mustard are grown in which seasons respectively?

(a) Kharif;Rabi   (b) Kharif; Zaid   (c) Zaid, Rabi

(d) Zaid

63). In which of the following years, Red Revolution was started?

(a) 1950   (b) 1980   (c) 1990   (d) 2000

64). Lever system and Dhekli are the traditional methods of which among the following?

(a) Cultivation (b) Sowing (c) Harvesting

(d) Irrigation

---

65). Pratihars belonged to which family?

(a) Sun Family (Surya (b) Moon Family (Chandra

(c) Fire Family (Agni (d) Wind Family (Vayu

---

66). The main architectural features of Dharmaraja Rath (Pallava period) does not include-

(a) Dharmaraja Rath is a monolithic structure.

(b) Its base is square but tower is pyramidal.

(c) The tower has five tiers and a large stupa in the top of the spire.

(d) The Ratha is adorned with magnificient sculptures.

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67). Which of the following awards has been given the title of 'Alternative Nobel Prize'?

(a) Man Booker Prize (b) Right Livelihood Award

(c) Pulitzer Prize (d) UN Human Rights Award

---

68). Hawala is _____

(a) Whole knowledge about a subject

(b) Illegal exchange of securities in share market

(c) Tax evasion

(d) Illegal trade of exchange of forex currency

---

69). Choose the function which Payments Banks can't do

(a) It can accept demand deposits only

(b) It can issue loans

(c) It is like any other bank, but operating on a smaller or restricted scale.

(d) It can't issue credit cards

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70). Under the Right to Information (RTI) Act 2005, the obligations of public authorities are described in which section?

(a) Section 3 (b) Section 4 (c) Section 5

(d) Section 6

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71). Under which act the movement of forest produce was regulated, and duty was levied on forest produce for forestry?

(a) Indian Forest Act (b) Indian Forest Act

(c) Indian Forest Act (d) Forest Conservation Act

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72). Which Port is located on the Hugli River, 128 km inland from the Bay of Bengal?

(a) Tuticorin Port (b) Haldia Port (c) Kolkata Port

(d) Kochchi Port

---

73). Business activities may be classified into how many broad categories?

(a) Three (b) Two (c) Four (d) Five

---

74). Which of the following is a required qualification to become the Indian Prime Minister?

(a) Minimum age required 35

(b) He should not be the member of Lok Sabha or Rajya Sabha

(c) He should be an Indian Citizen

(d) He should hold any Property

---

75). Who were the First Prime Minister and First president of India respectively?

(a) Mahatma Gandhi and Jawahar Lal Nehru

(b) Jawhar Lal Nehru and A.P.J Abdul kalam

(c) Indira Gandhi and Dr. Rajender Prasad

(d) Jawahar Lal Nehru and Dr. Rajender Prasad

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76). Arrange the following Indian Classical Dances based on their origin from North to South.

(a) Kathak, Kuchipudi, Bharatnatyam

(b) Kathak, Bharatnatyam, Kuchipudi

(c) Bharatnatyam, Kathak, Kuchipudi

(d) Kuchipudi, Kathak, Bharatnatyam

---

77). Shovana Narayan is a famous exponent of-

(a) Mohiniyattam (b) Kathak (c) Kathakali

(d) Bharatnatyam

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78). Taj Mahotsav is held every year in which Indian state?

(a) Karnataka (b) Punjab (c) Kerela

(d) Uttar Pradesh

---

79). Find the incorrect pair out of the following-

(a) Japan- Tori no Ichi

(b) Sri Lanka- Ulavar Thirunaal

(c) Israel- Thanksgiving (d) Africa- Yam Festival

80). In which of the following branch of Carnatic music, a musician has ample opportunities of displaying his/her creative talents, imaginative skills and musical intelligence.

(a) Tillana   **(b)** Pallavi   **(c)** Tanam   **(d)** Javali

81). Select the incorrect statement about Hindustani Music from the following statements.

(a) The roots of Hindustani Music belong to Bharata's Natyasastra.

(b) Guru-Shishya parampara is related to Hindustani Music

(c) Hindustani Music has elements of ancient Hindu tradition, Vedic philosophy and Persian tradition

(d) There is no scope for improvisation in Hindustani music.

82). What is the maximum number of votes that can be recorded in an EVM?

(a) 3000   **(b)** 3480   **(c)** 3640   **(d)** 3840

83). Who among the following is included in the Presidential election Board ?

(a) Elected members only, Lok Sabha, Rajya Sabha

(b) Elected members of Lok Sabha, Rajya Sabha and State Legislative Assembly

(c) Elected members of Lok Sabha, Rajya Sabha and State Legislative Council

(d) Elected members of Lok Sabha, Rajya Sabha and State Legislative Assembly along with Delhi and Puducherry

84). …………………………….. is an assessment of economic production in an economy that includes current prices in its calculation.

(a) Real GDP   **(b)** Nominal GDP

(c) Ordinal GDP   **(d)** Interval GDP

85). Select the incorrect pair out of the following-

(a) India Gate- Delhi   **(b)** GolGumbaz- Hyderabad

(c) Safdarjung Tomb- New Delhi

(d) Ajanta Caves- Aurangabaad

86). Hill Forts of Rajasthan were inscribed as the World Heritage Site by UNESCO in the year-

(a) 2011   **(b)** 2012   **(c)** 2013   **(d)** 2014

87). How many cities are included in the first phase of National Smart Cities Mission?

(a) 200   **(b)** 150   **(c)** 300   **(d)** 100

88). Ministry of Defence (MoD) has launched Defence Testing Infrastructure Scheme (DTIS) with a budget of Rs_____ crore?

(a) Rs 800 crore   **(b)** Rs 600 crore

(c) Rs 400 crore   **(d)** Rs 200 crore

89). Among the given options who was the founder of "Arya Samaj" and in which year it was founded?

(a) Swami DayandaSaraswati, 1875

(b) Swami Vivekananda, 1875

(c) Raja Ram Mohan Rai, 1775

(d) Vidyasagar, 1775

90). In the context of second World War the correct match is-

(a) Germany - Allies   **(b)** Italy - Axis powers

(c) United States - Allies   **(d)** France - Allies

91). Choose the incorrect statement about Swami Vivekanand

(a) He was born in 1863

(b) His guru's name was Ramakrishna Paramhansa

(c) He died in 1923

(d) His original name was Narendra Nath Dutta

92). Choose the false statement

(a) Lord Hastings was the Governo- General of Bengal when the Treaty of Sagauli was signed.

(b) Lord William Bentinck abolished 'Sati'.

(c) Lord Dalhousie was Governer General during the second Anglo-Sikh War.

(d) During Lord Ripon's time The Vernacular Press Act (1878) was passed.

93). New York is the headquarter of which two United Nations' organisation?

(a) UNDP and UNICEF   **(b)** UNESCO and UNIDO

(c) WHO and UNWTO   **(d)** UNICEF and UNESCO

94). Ocean currents are influenced by how many types of forces?

(a) Three   **(b)** Two   **(c)** Four   **(d)** Five

95). Which of the following was the first Indian to practice as a barrister of the High Court of Bombay?

(a) Barindra Kumar Ghosh   (b) Bhulabhai Desai

(c) BadruddinTyabji

(d) AcharyaPrafulla Chandra Ray

---

96).   Durand Line separates Afghanistan from which of the following countries?

(a) India   (b) Bangladesh   (c) Pakistan

(d) Nepal

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97).   Who is the current Army Chief of Pakistan?

(a) Ashfaq Pervez Kayani   (b) Raheel Sharif

(c) Qamar JavedBajwa   (d) Mirza Aslam Beg

---

98).   Yuvika program was started by which of the following?

(a) NITI Aayog   (b) Ministry of Education

(c) ISRO   (d) DRDO

---

99).   Mount Fuji is the highest mountain of which country?

(a) South Korea   (b) China   (c) Japan

(d) Philippines

---

100).   Which of the following seas is not the part of Arctic Ocean?

(a) Barents Sea   (b) Laptev Sea   (c) White Sea

(d) *Timor Sea*