**GENERAL ENGLISH (25 MARKS)**

1. Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).
(solve as per the direction given above)
   a) If I had known
   b) this yesterday
   c) I will have helped him.
   d) No errors.

2. In the following the questions choose the word which best expresses the meaning of the given word.
BRIEF
   a) Limited
   b) Small
   c) Little
   d) Short

3. In the following questions choose the word which is the exact OPPOSITE of the given words.
FRAUDULENT
   a) Candid
   b) Direct
   c) Forthright
   d) Genuine

4. Political crime against one's own country is called-
   a) Treachery
   b) Treason
   c) Sedition
   d) Terrorism

5. She exhibited remarkable sangfroid during the crisis.
   a) Temper
   b) Irritation
   c) Composure
   d) Anger

6. Select the most appropriate one-word substitution for the given words.
**"A partner in crime"**
   a) Alibi
   b) Amateur
   c) Agent
   d) Accomplice

7. Choose the correct response: Do you brush your teeth every morning?
    a) Yes, I do
    b) I always brushing my teeth
    c) Yes, after every meal
    d) Yes, twice a day
8. Arrange the following words as per the dictionary arrangement.
    1) Endeavors 2) Endorse 3) Endure 4)Endless 5) Endemic

    a) 1-5-4-2-3
    b) 1-5-2-4-3
    c) 5-1-4-2-3
    d) 1-5-2-3-4
9. Fill in the blanks.
The teacher teaches Mathematics _____ english.
    a) Across
    b) Besides
    c) Beside
    d) Both
10. The question consists of two words in **bold** which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.
        **GRAIN : SALT**
    a) Sharad : pottery
    b) Shred : wood
    c) Blades : grass
    d) Chip : glass
11. It has been established that-
        P: Einstein was
        Q: although a great scientist
        R: weak in arithmetic
        S: right from his school days
The Proper sequence should be:
    a) SRPQ
    b) QPRS
    c) QPSR
    d) RQPS

12. In questions given below, a part of the sentence is *italicized and underlined*. Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

" *his powerful desire* brought about his downfall."
   a) His intense desire
   b) His desire for power
   c) His fatal desire
   d) No improvement

13. In the given question, an incomplete statement (Stem) followed by fillers is given. Pick out the best one which can complete the incomplete stem correctly and meaningfully.

" Despite his best efforts to conceal his anger ......"
   a) people came to know that he was annoyed
   b) he could succeed in doing it easily
   c) he succeeded in camouflaging his emotions
   d) he failed to give us an impression of his agony

**For question no 14, 15 and 16, read the given passage carefully and follow the instructions to answer.**

I felt the wall of the tunnel shiver. The master alarm squealed through my earphones. Almost simultaneously, Jack yelled down to me that there was a warning light on. Fleeting but spectacular sights snapped into and out of view, the snow, the shower of debris, the moon, looming close and big, the dazzling sunshine for once unfiltered by layers of air. The last twelve hours before re-entry were particularly bone-chilling. During this period, I had to go up into the command module. Even after the fiery reentry splashing down in 81 degree water in south pacific, we could still see our frosty breath inside the command module.

14. The word 'Command Module' used twice in the given passage indicates perhaps that it deals with
   a) an alarming journey
   b) a commanding situation
   c) a journey into outer space
   d) a frightful battle

15. Which one of the following reasons would one consider as more as possible for the warning lights to be on?
   a) There was a shower of debris.
   b) Jack was yelling.
   c) A catastrophe was imminent.
   d) The moon was looming close and big.

16. The statement that the dazzling sunshine was "for once unfiltered by layers of air" means
    a) that the sun was very hot
    b) that there was no strong wind
    c) that the air was unpolluted
    d) none of above

**For question no 17, 18 and 19, follow the instruction to answer.**
Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of proverb/idiom.

17. To drive home
    a) To find one's roots
    b) To return to place of rest
    c) Back to original position
    d) To emphasize
18. To have an axe to grind
    a) A private end to serve
    b) To fail to arouse interest
    c) To have no result
    d) To work for both sides
19. No string attached
    a) No condition given
    b) No positive side
    c) To supportive documents attached
    d) None of them

**For question no 20 and 21 follow the instruction given below.**
In the questions below the sentences have been given in Active/Passive voice. From the given alternatives, choose the one which best expresses the given sentence in Passive/Active voice.

20. I remember my sister taking me to the museum.
    a) I remember I was taken to the museum by my sister.
    b) I remember being taken to the museum by my sister.
    c) I remember myself being taken to the museum by my sister.
    d) I remember taken to the museum by my sister.
21. The doctor advised the patient not to eat rice.
    a) The patient was advised by the doctor not to eat rice.
    b) The patient was advised by the doctor not to eat rice.
    c) The patient was being advised by the doctor that he should not rice by the doctor.
    d) The patient has been advised not to eat rice by the doctor.

**For question no 22 and 23 Rearrange the following five sentences in proper sequence so as to for a meaningful paragraph, then answer the questions given below them.**

"After Examining him, the doctor smiled at him mischievously and took out a syringe.
Thinking that he was really sick, his father summoned the family doctor.
That day, Mintu wanted to take a day off from school
Immediately, Mintu jumped up from his bed and swore the he was fine
Therefor; he pretended to be sick and remained in bed."

22. Which sentence should come third in the paragraph?
   a) 1
   b) 2
   c) 3
   d) 4

23. Which sentence should come first in the paragraph?
   a) 1
   b) 2
   c) 3
   d) 4

**In question no 24 and 25 the sentences have been given in Direct/Indirect speech. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.**

24. She said that her brother was getting married.
   a) She said, "Her brother is getting married."
   b) She told, "Her brother is getting married."
   c) She said, "My brother is getting married."
   d) She said, "My brother was getting married."

25. He said to his father, "Please increase my pocket-money."
   a) He told his father, "Please increase the pocket-money"
   b) He pleaded his father to please increase my pocket money.
   c) He requested his father to increase his pocket-money.
   d) He asked his father to increase his pocket-money.

**GENERAL MATHEMATICS (25 MARKS)**

26. LCM of $\frac{2}{3}$ , $\frac{4}{9}$ , $\frac{5}{6}$ is
   a) $\frac{8}{27}$
   b) $\frac{20}{3}$
   c) $\frac{10}{3}$
   d) $\frac{20}{27}$

27. The least number which must be added to 1728 to make it a perfect square is
   a) 36
   b) 32
   c) 38
   d) 30

28. The average of 10 numbers is 14. If each number is multiplied by 6, what will be the new average?
   a) 70
   b) 84
   c) 56
   d) 92

29. 25% of 120 + 40% of 380 = ? Of 637
   a) $\frac{2}{7}$
   b) $\frac{1}{7}$
   c) $\frac{4}{7}$
   d) $\frac{3}{7}$

30. If a stall sells a pizza at Rs 200 he makes 20% loss, if he wants to make 10% profit then at what price should he sell?
   a) 250
   b) 300
   c) 275
   d) 325

31. An inlet pipe can fill a tank in 10 hours and an outlet pipe can empty the full tank in 20 hours. Both the pipes opened at 6 : 30 a.m. The tank will get filled
   a) 2:30 a.m. next day
   b) 2 a.m. next day
   c) 1 a.m. next day
   d) 12 midnight

32. Find out wrong number in the series
   169, 144, 121, 100, 82, 64, 49
   a) 144
   b) 49
   c) 64
   d) 82

33. The simple interest on a sum for 9 months at 8% per annum is Rs 270. What is the value of the sum?
   a) 5200
   b) 5400
   c) 4500
   d) 3600

34. Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30° and 45° respectively. If the lighthouse is 100 m high, the distance between the two ships is:
   a) 173 m
   b) 200 m
   c) 273 m
   d) 300 m

35. A and B invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is:
   a) 1425
   b) 1500
   c) 1537.50
   d) 1576

36. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?
   a) 4 years
   b) 8 years
   c) 10 years
   d) None of these

37. Today is Monday. After 61 days, it will be:
   a) Wednesday
   b) Saturday
   c) Tuesday
   d) Thursday

38. At 3:40, the hour hand and the minute hand of a clock form an angle of:
   a) 120°
   b) 125°
   c) 130°
   d) 135°

39. The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?
   a) 16 cm
   b) 18 cm
   c) 24 cm
   d) Data inadequate

40. In how many different ways can the letters of the word 'LEADING' be arranged in such a way that the vowels always come together?
   a) 360
   b) 480
   c) 720
   d) 5040

41. What least number must be added to 1056, so that the sum is completely divisible by 23 ?
    a) 2
    b) 3
    c) 18
    d) 1
42. How many of the following numbers are divisible by 132 ?
    264, 396, 462, 792, 968, 2178, 5184, 6336
    a) 4
    b) 5
    c) 6
    d) 7
43. The difference of two numbers is 1365. On dividing the larger number by the smaller, we get 6 as quotient and the 15 as remainder. What is the smaller number ?
    a) 240
    b) 270
    c) 295
    d) 360
44. A two-digit number is such that the product of the digits is 8. When 18 is added to the number, then the digits are reversed. The number is:
    a) 18
    b) 24
    c) 42
    d) 81
45. 39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work?
    a) 10
    b) 13
    c) 14
    d) 15
46. In what ratio must a grocer mix two varieties of pulses costing Rs. 15 and Rs. 20 per kg respectively so as to get a mixture worth Rs. 16.50 kg?
    a) 3 : 7
    b) 5 : 7
    c) 7 : 3
    d) 7 : 5
47. A man buys Rs. 20 shares paying 9% dividend. The man wants to have an interest of 12% on his money. The market value of each share is:
    a) 12
    b) 15
    c) 18
    d) 21

48. Insert the missing number.

   8, 7, 11, 12, 14, 17, 17, 22, (....)
   a) 27
   b) 20
   c) 22
   d) 24

49. Find out the wrong number in the series.

   196, 169, 144, 121, 100, 80, 64
   a) 64
   b) 144
   c) 100
   d) 80

50. The total age of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago ?
   a) 71 years
   b) 72 years
   c) 74 years
   d) 77 years


**GENERAL AWARENESS AND CURRENT AFFAIRS(25 MARKS)**

51. During the Freedom Struggle, Rabindranath Tagore renounced his Knighthood in protest for?
   a) Partition of bengal
   b) Jallianwala Bagh massacre
   c) Execution of Bhagat singh, Rajguru and Sukhdev
   d) None of them
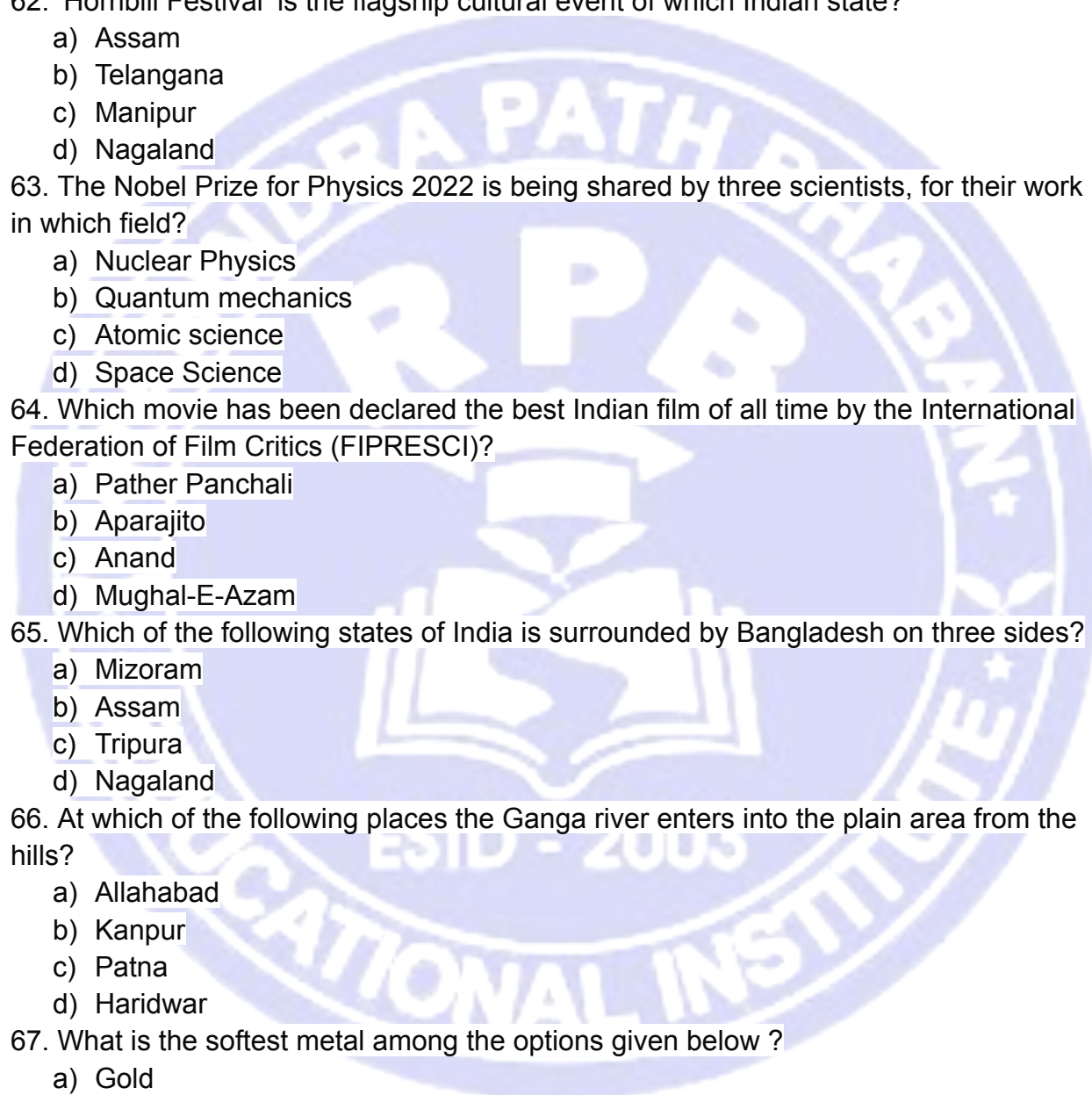
52. Cabinet declared which day as 'National Space Day' in India?
   a) August 20
   b) August 23
   c) August 25
   d) August 27
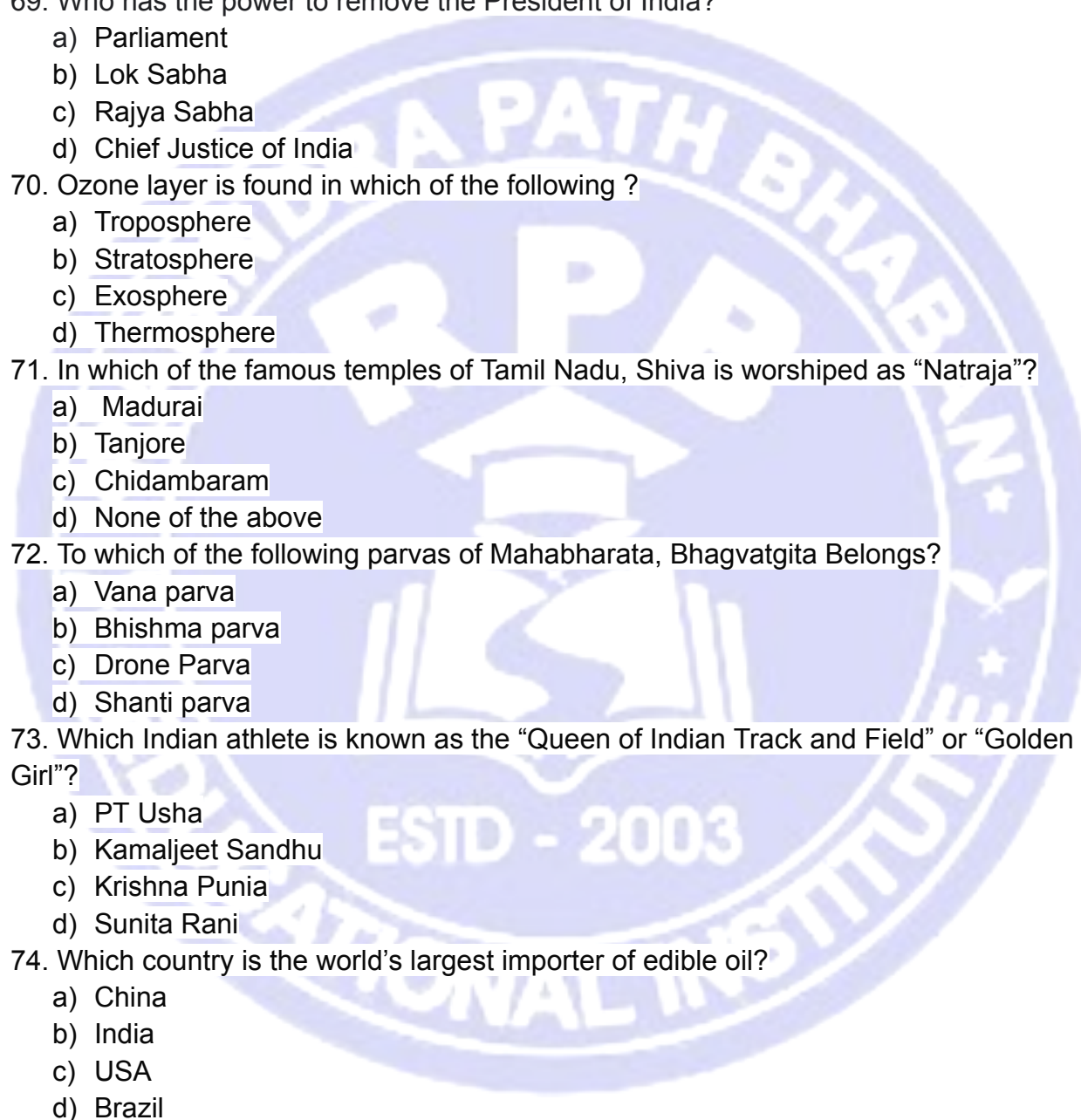
53. When is the National Sports Day celebrated in India?
   a) August 23
   b) August 25
   c) August 29
   d) August 21

54. Pragyan rover of the Chandrayaan-3 mission, has confirmed the presence of which element on the moon's surface?
   a) Potassium
   b) Sodium
   c) Sulphur
   d) Chlorine
55. Where is Zojila tunnel being constructed?
   a) Himachal pradesh
   b) Arunachal pradesh
   c) Assam
   d) Jammu and Kashmir
56. What is the name of India's first semi-high-speed regional rail services which is being implemented in NCR?
   a) Aham Metro
   b) Maha Rail
   c) RAPIDX
   d) Retro Metro
57. What is the full form of 'chatGPT' ?
   a) Chat Generative Pre-trained Transformer
   b) Chat Generative platform Technology
   c) Chat Google Performance Talking
   d) It's just a name given randomly. There is no full form of it.

58. What is the name of the gas emitted from a motor vehicle ?
   a) Carbon monoxide
   b) Carbon dioxide
   c) Sulfur dioxide
   d) None of them
59. What is the name of the longest suspension bridge of India made by the Indian army in Leh ?
   a) Gagan bridge
   b) Maitri bridge
   c) Souhardya bridge
   d) Jayatu bridge
60. NMIC , India's first film museum, opens in which city?
   a) Mumbai
   b) Gujrat
   c) Delhi
   d) Kolkata

61. Who is the father of AI ( artificial intelligence) ?
    a) John McCarthy
    b) Elon Musk
    c) Mark Zuckerberg
    d) Alan Turing

62. 'Hornbill Festival' is the flagship cultural event of which Indian state?
    a) Assam
    b) Telangana
    c) Manipur
    d) Nagaland

63. The Nobel Prize for Physics 2022 is being shared by three scientists, for their work in which field?
    a) Nuclear Physics
    b) Quantum mechanics
    c) Atomic science
    d) Space Science

64. Which movie has been declared the best Indian film of all time by the International Federation of Film Critics (FIPRESCI)?
    a) Pather Panchali
    b) Aparajito
    c) Anand
    d) Mughal-E-Azam

65. Which of the following states of India is surrounded by Bangladesh on three sides?
    a) Mizoram
    b) Assam
    c) Tripura
    d) Nagaland

66. At which of the following places the Ganga river enters into the plain area from the hills?
    a) Allahabad
    b) Kanpur
    c) Patna
    d) Haridwar

67. What is the softest metal among the options given below ?
    a) Gold
    b) Zinc
    c) Cesium
    d) Mercury

68. Name the fibrous connective tissue that attaches muscle to bone.
    a) Tendon
    b) Meninges
    c) Ligament
    d) Fibrocartilage
69. Who has the power to remove the President of India?
    a) Parliament
    b) Lok Sabha
    c) Rajya Sabha
    d) Chief Justice of India
70. Ozone layer is found in which of the following ?
    a) Troposphere
    b) Stratosphere
    c) Exosphere
    d) Thermosphere
71. In which of the famous temples of Tamil Nadu, Shiva is worshiped as "Natraja"?
    a) Madurai
    b) Tanjore
    c) Chidambaram
    d) None of the above
72. To which of the following parvas of Mahabharata, Bhagvatgita Belongs?
    a) Vana parva
    b) Bhishma parva
    c) Drone Parva
    d) Shanti parva
73. Which Indian athlete is known as the "Queen of Indian Track and Field" or "Golden Girl"?
    a) PT Usha
    b) Kamaljeet Sandhu
    c) Krishna Punia
    d) Sunita Rani
74. Which country is the world's largest importer of edible oil?
    a) China
    b) India
    c) USA
    d) Brazil

75. Where is the headquarters of SEBI located?
   a) Delhi
   b) Mumbai
   c) Hyderabad
   d) Noida

**GENERAL REASONING ABILITY(25 MARKS)**

76. Read the following information carefully and answer the question, which follow :
'A – B' means 'A is father of B'
'A + B' means 'A is daughter of B'
'A ÷ B' means 'A is son of B'
'A × B' means 'A is wife of B'
Then which of the following means P is grandson of S ?
   a) P + Q – S
   b) P ÷ Q × S
   c) P ÷ Q + S
   d) P × Q ÷ S

77. Study the following information carefully and answer the questions given below :
P, Q, R. S, T. V and W are sitting around a circle facing at the center. V is second to the left of P and second to the right of W. T is third to the right of Q and is not an immediate neighbor of V. S is third to the right of R.
Who is second to the right of Q?
   a) R
   b) W
   c) T
   d) S

78. A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 15 days, and C alone in 30 days, in what time could B alone do it?
   a) 40 days
   b) 60 days
   c) 45 days
   d) 5 days

79. Line : Square : : Arc : ?
   a) Ring
   b) Sphere
   c) Circle
   d) Ball

80. As 'Fly' is related to 'Parrot' in the same way 'Creep' is related to what?
   a) Snake
   b) Rabbit
   c) Fish
   d) Crocodile

81. How many pairs of digits are there in the number 9431658 each of which has as many digits between them in the number as when the digits are rearranged in ascending order ?
   a) None
   b) One
   c) Two
   d) Three
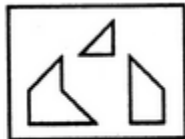
82. How many meaningful English words can be made with the letters VLEI using each letter only once in each word?
   a) One
   b) Two
   c) Three
   d) More than three

83. Ornithologist : Bird :: Archaeologist : ?
   a) Islands
   b) Mediators
   c) Archaeology
   d) Aquatic

84. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure.
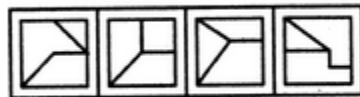


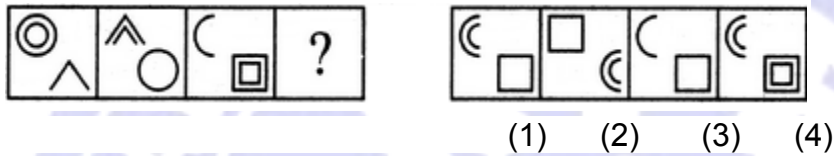(X)          (1)    (2)    (3)    (4)

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

85. Choose the alternative which closely resembles the mirror image of the given combination.

ANS43Q12

(1) ЅИⱯᕬꓱ0ƖꙄ    (2) ꙄƖ0ꓱⱯꙄИA

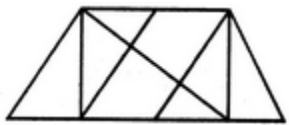(3) ꙄИAꓱⱯ0ꙄƖ    (4) ƖꙄ0ⱯꓱИꙄ

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

86. Select a suitable figure from the Answer Figures that would replace the question mark (?).
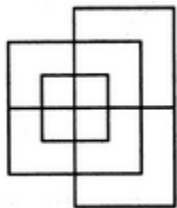


(1)   (2)   (3)   (4)

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

87. Find the number of triangles in the given figure.



a) 8
b) 10
c) 12
d) 14

88. Find the minimum number of straight lines required to make the given figure.



a) 13
b) 15
c) 17
d) 19

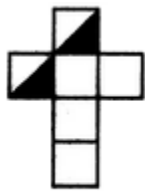89. Identify the figure that completes the pattern.



(1)  (2)  (3)  (4)

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

90. Choose the box that is similar to the box formed from the given sheet of paper.



(X)  (1)  (2)  (3)  (4)

a) 1 and 4 only
b) 3 and 4 only
c) 1 and 2 only
d) 2 and 3 only

91. Though the waste of time or the expenditure on fashions is very large, yet fashions have come to stay. They will not go, come what may. However, what is now required is that strong efforts should be made to displace the excessive craze for fashion from the minds of these youngsters.

The passage best supports the statement that:

a) Fashion is the need of the day.
b) The excessive craze for fashion is detrimental to one's personality.
c) The hoard for fashion should be done away with so as not to let down the constructive development.
d) Work and other activities should be valued more than the outward appearance.

92. The question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the word "HARVEST".

a) Autumn
b) Stockpile
c) Tractor
d) Crop

93. Here are some words translated from an artificial language.

*hapllesh* means cloudburst

*srenchoch* means pinball

*resbosrench* means ninepin

Which word could mean "cloud nine"?

    a) Leshsrench

    b) Ochhapl

    c) Haploch

    d) Haplresbo

94. SCD, TEF, UGH, ____, WKL

    a) CMN

    b) VIJ

    c) UJI

    d) IJT

95. Statements: No female teacher can play. Some women teachers are athletes.

   Conclusions:

   Male athletes can play.
   Some athletes can play.

    a) Only conclusion I follows

    b) Only conclusion II follows

    c) Either I or II follows

    d) Neither I nor II follows

96. Statements:

   I) The prices of petrol and diesel in the domestic market have remained unchanged for the past few months.

   II) The crude oil prices in the international market have gone up substantially in the last few months.

    a) Statement I is the cause and statement II is its effect

    b) Statement II is the cause and statement I is its effect

    c) Both the statements I and II are independent causes

    d) Both the statements I and II are effects of independent causes

97. A man walks 5 km toward the south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?

    a) West

    b) South

    c) North-east

    d) South- west

98. Which one will replace the question mark ?

| 5 | 4 | 7 | 8 |
|---|---|---|---|

| 6 | 9 | 5 | 10 |
|---|---|---|---|

| 3 | 7 | 2 | ? |
|---|---|---|---|
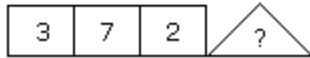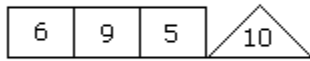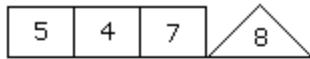
a) 1
b) 4
c) 3
d) 6

99.Arrange the words given below in a meaningful sequence.

1. Key      2. Door        3. Lock
4. Room    5. Switch on

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

100. Which word does NOT belong with the others?
a) Tulip
b) Rose
c) Bud
d) daisy