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PART-A-GENERAL ENGLISH

Marks :40

Each question carry 1 mark :

SECTION-I

A. Choose the correct option to fill in the gaps :

1. His kitchen is full of _____ he never uses.
a) tools b) devices
c) appliances d) gadgets
2. The cold air made her face _____.
a) itch b) tingle
c) sting d) ache
3. She _____ the silk delicately.
a) felt b) patted
c) handled d) fingered
4. Flying _____ her.
a) frightened b) scared
c) terrified d) alarmed
5. Her eyes were wild with _____.
a) fright b) panic
c) fear d) terror
6. Your decision is _____ to our future.
a) crucial b) critical
c) vital d) essential
7. She was very _____ at the way she had been treated.
a) angry b) crossed
c) indignant d) mad
8. She was _____, at the prospect of traveling alone.
a) scared b) alarmed
c) paranoid d) frightened
9. Ravi was accurate _____ his calculations.
a) with b) on
c) in d) at
10. Do you take his word _____ mine ?
a) over b) or
c) for d) with

11. He takes a lot of trouble _____ his work.
a) in b) about
c) for d) with
12. The public was cautioned _____ pick-pockets.
a) about b) of
c) over d) against
13. _____ a party next Sunday. I hope you can come.
a) we have b) we're having
c) we'll have d) we'd have
14. Rose couldn't decide _____ book to read.
a) what b) whose
c) which d) whatever
15. The laboratory conducted an _____ to measure the presence of ore in the composition.
a) assail b) essay
c) array d) assay
16. A rudely carved stone lion is locally regarded as a _____ against famine and plague.
a) symbol b) talisman
c) totem d) colophon
17. The minister is tempted to _____ money from the church.
a) tangle b) forgo
c) tackle d) embezzle
18. In order to be elected, a candidate needs only a _____ of the votes cast.
a) majority b) plurality
c) morsel d) modicum
19. His decision to sell the land still _____ with her.
a) rankled b) ranted
c) ransacked d) rambled
20. The photograph awakens _____ memories of happier days.
a) poised b) poignant
c) ponderous d) pontifical

21. We fixed a _____ in the kitchen for Nancy.
a) palette b) pallet
c) palate d) pellet
22. The tree was _____ by lightning.
a) sired b) steered
c) cored d) seared
23. The tests are designed to _____ the disease early.
a) note b) detect
c) witness d) observe
24. Students have the _____ of studying abroad in their second year.
a) option b) choice
c) possibility d) alternative
25. He _____ me he was right.
a) assured b) prompted
c) persuaded d) convinced

26. Wit
a) Acumen b) Composure
c) Stupidity d) Levity
27. Spirited
a) Intrepid b) Fiery
c) Diffident d) Insolent
28. Temporal
a) Mundane b) Transient
c) Ephemeral d) Spiritual
29. Poorest
a) Insolvent b) Impecunious
c) Opulent d) Indigent
30. Disgrace
a) Dishonor b) Distinguish
c) Discredit d) Disrepute

Choose the appropriate meaning of the words given below in the specific context of the passage :

SECTION-II

B. Read the following passage and answer the questions given below as instructed :

Nothing sharpens a man's wits like poverty. Hence many of the greatest men have originally been poor men. Poverty often purifies and braces a man's morals. To spirited people, difficult tasks are usually the most delightful ones. If we may rely upon the testimony of history, men are brave, truthful, and magnanimous, not in proportion to their wealth, but in proportion to their smallness of means. And the best are often the poorest always supposing that they have sufficient to meet their temporal wants.

A divine has said that God has created poverty, but he has not created misery. And there is certainly a great difference between the two. While honest poverty is honourable, misery is humiliating ; inasmuch as the latter is for the most part the result of misconduct, and often of idleness and drunkenness. Poverty is no disgrace to him who can put up with it ; but he who finds the beggar's staff once get warm in his hand, never does any good, but a great amount of evil.

Choose the appropriate antonyms of the following :

31. Braces
a) Enervates b) Debilitates
c) Reinforces d) Tightens
32. Testimony
a) Evidence b) Legacy
c) Will d) Affidavit
33. Delightful
a) Enchanting b) Captivating
c) Pleasing d) Ecstatic
34. Rely
a) Depend b) Trust
c) Lean d) Bet
35. Misery
a) Calamity b) Ordeal
c) Despondency d) Grief

SECTION-III

C. Choose the correct sentences :

36. (i) The reason they missed the train was that the car broke down.
(ii) The reason they missed the train was because the car broke down.

PART - B - GENERAL KNOWLEDGE & APTITUDE

Marks : 30

(iii) They missed the train because the car broke down.

- a) (i) and (ii) b) (i) and (iii)
c) (ii) and (iii) d) (i), (ii) and (iii)

37. (i) He will answer if you write to him.

(ii) He would answer if you wrote to him.

(iii) He would have answered if you had written to him.

- a) (i) and (ii) b) (i) and (iii)
c) (ii) and (iii) d) (i), (ii) and (iii)

38. (i) He is always early.

(ii) He will always come early.

(iii) He always comes early.

- a) (i) and (ii) b) (i) and (iii)
c) (ii) and (iii) d) (i), (ii) and (iii)

39. (i) You need to cut your hair.

(ii) Your hair needs cutting badly.

(iii) Your hair badly needs cutting.

- a) (i) and (ii) b) (i) and (iii)
c) (ii) and (iii) d) (i), (ii) and (iii)

40. (i) He doesn't have a cold today.

(ii) He has a cold today.

(iii) He hasn't a cold today.

- a) (i) and (ii) b) (i) and (iii)
c) (ii) and (iii) d) (i), (ii) and (iii)

Each question carry 1 mark :

41. The highest Civilian Award in India is ?

- a) Padma Bhushan b) Khel Ratna
c) Bharat Ratna d) Padma Shri

42. The Indian Penal Code was enacted in which year ?

- a) 1860 b) 1870
c) 1910 d) 1912

43. How many members of the Rajya Sabha are nominated by the President ?

- a) 10 b) 12
c) 15 d) 18

44. President's Rule (Article 356) remains valid in the state for the maximum period of

- a) 2 months b) 4 months
c) 6 months d) 12 months

45. Who was the founder of first European Settlement in Greenland ?

- a) Eric the Red
b) B. Leif Ericsson
c) C. William Janszoon
d) Captain James Cook

46. The DRDO was formed in which year ?

- a) 1956 b) 1957
c) 1958 d) 1959

47. Who was the first Indian to get a gold medal in Olympics in shooting event ?

- a) K.D. Jadhav
b) Major Rajyawardhan Rathor
c) Abhinav Bindra
d) Samsar Jang

48. When did India successfully launch its Chandrayaan-II moon mission ?

- a) 10th September, 2019
b) 22nd July, 2019
c) 5th October, 2019
d) 3rd January, 2019

49. Five boys were climbing a hill. J was following H. R was just ahead of G. K was between G & H. They were climbing up in a col

umn. Who was the second ?

- a) H b) K
c) G d) J

50. The length of the side of a square is represented by $x + 2$. The length of the side of an equilateral triangle is $2x$. If the square and the equilateral triangle have equal perimeter, then the value of x is

- a) 2 b) 3
c) 4 d) 5

51. A number whose reciprocal is the number itself

- a) 0 b) 1
c) 2 d) 3

52. If point P is on line segment AB, then which of the following is always true ?

- a) $AP > PB$ b) $PB > AP$
c) $AP > AB$ d) $AB > AP + PB$

53. All men are vertebrates. Some mammals are vertebrates. Which of the following conclusions drawn from the above statement is correct.

- a) All men are mammals
b) All mammals are men
c) Some vertebrates are mammals
d) All vertebrates are mammals

54. If we are using a binary (two value) system, how many unique combinations can we make with 5 binary digits ?

- a) 28 b) 30
c) 32 d) 34

55. Using all the letters of the word "PLACE", how many words can be formed, which begin with P and end with E ?

- a) 6 b) 8
c) 12 d) 20

56. 56 men can complete a piece of work in 24 days. In how many days can 42 men complete the same ?

- a) 18 days b) 32 days
c) 98 days d) 48 days

57. What is the next value in the series 6, 24, 60, 120, 210
 a) 336
 c) 348
 b) 340
 d) 360

58. In a span of 24 hours, how many times would the two hands of a clock point exactly in opposite directions?
 a) 10
 c) 22
 b) 11
 d) 23

59. What is the official language of Brazil?
 a) French
 c) Portuguese
 b) Spanish
 d) Latin

60. Gautama Buddha was born in which country?
 a) India
 c) Bhutan
 b) Myanmar
 d) Nepal

61. Ichthyologists are zoologists studying
 a) Birds
 c) Snakes
 b) Fish
 d) Insects

62. Kimberlite contains what precious item?
 a) Diamond
 c) Ruby
 b) Emerald
 d) Platinum

63. Translated from Persian to English, what does Koh-i-Noor mean?
 a) Mountain of Light
 c) Shining star
 b) Break of Dawn
 d) Radiant beauty

64. Who was the first Chief Justice of the Republic of India?
 a) M. Patanjali Sastri
 b) Amal Kumar Sarkar
 c) Jayantilal Chhotatal Shah
 d) H. J. Kania

65. The Right to Information Act was enacted in which year?
 a) 2002
 c) 2005
 b) 2004
 d) 2006

66. Mercalli is an alternative scale to measure
 a) Rainfall
 c) Earthquake
 b) Smoke
 d) Light

67. The most abundant metal on Earth is?
 a) Copper
 c) Lead
 b) Aluminium
 d) Zinc

68. Who is known as the Father of Genetics?
 a) Mendel
 c) Watson
 b) Crick
 d) Darwin

69. The Opium Wars were fought in which country?
 a) Japan
 c) China
 b) South Korea
 d) Russia

70. Which country is known as the Land of Thousand Lakes?
 a) Norway
 c) Iceland
 b) Denmark
 d) Finland

PART - C - ARITHMETIC

Marks : 30

Each question carry 1 mark :

71. The fraction which bears the same ratio to $\frac{3}{7}$ that $\frac{1}{5}$ does to $\frac{7}{15}$ is

- a) $\frac{9}{49}$
 c) $\frac{3}{35}$
 b) $\frac{2}{49}$
 d) $\frac{7}{75}$

72. A bag contains one rupee, fifty paise, twenty five paise and ten paise coins in the proportion 1 : 3 : 5 : 7. If the total amount is Rs. 22.25, find the number of 25 paise coins.
 a) 40
 c) 30
 b) 35
 d) 25

73. A man mixes 6 kg of tea worth Rs. 6 per kg and 4 kg of tea worth Rs. 7 per kg and the mixture is sold at 10% profit. Find the selling price per kg of the mixture.
 a) Rs. 7.04
 c) Rs. 6.05
 b) Rs. 7.40
 d) Rs. 6.50

74. One thousand men in a fortress have provisions for 12 days. How long will the provision last if 200 more men join them?
 a) 14 days
 c) 10 days
 b) 12 days
 d) 8 days

75. Working with a project, David and Sam together complete a piece of work in 6 days. If David works alone for 2 days and complete $\frac{1}{4}$ th of the work, in how many days Sam alone complete the rest of the work?
 a) 24 days
 c) 12 days
 b) 18 days
 d) 6 days

76. Two friends take a piece of work for Rs. 960. One alone could do it in 12 days, the other in 16 days. With the assistance of an expert they finish it in 4 days. How much remuneration the expert should get?
 a) Rs. 240
 c) Rs. 400
 b) Rs. 320
 d) Rs. 500

77. A pipe can fill a cistern in 12 minutes and another pipe in 15 minutes, but a third pipe can empty it in 6 minutes. The three pipes are kept open together. Find the time the cistern is emptied / filled?
 a) empty in 60 minutes
 b) empty in 27 minutes
 c) filled in 60 minutes
 d) filled in 27 minutes

78. A shopkeeper bought locks at the rate of 8 locks for Rs. 34 and sold them at the rate of 12 locks for Rs. 57. His gain or loss is
 a) Rs. 1 loss
 c) Rs. 0.5 loss
 b) Rs. 1 gain
 d) Rs. 0.5 gain

79. By selling cloth at Rs. 9 per metre, the shopkeeper loses 10%. At what price should, it be sold so as to gain 15%.
 a) Rs. 10 per metre
 b) Rs. 10.50 per metre
 c) Rs. 11 per metre
 d) Rs. 11.50 per metre

80. A shopkeeper allows 10% discount on his article. What price must he mark on an article, which cost him Rs. 750, to make a profit of 20%?
 a) Rs. 800
 c) Rs. 1200
 b) Rs. 1000
 d) Rs. 1400

81. The simple interest on a certain sum for 4 years at 7.5% per annum is Rs. 95 less than the simple interest on the same sum for 3.5 years at 10% per annum. Find the sum.
 a) Rs. 1800
 c) Rs. 2000
 b) Rs. 1900
 d) Rs. 2100

82. Find out the capital required to earn a monthly interest of Rs. 600 at 6% simple interest.
 a) Rs. 1 lakhs
 c) Rs. 1.2 lakhs
 b) Rs. 1.1 lakhs
 d) Rs. 1.3 lakhs

83. How much will Rs. 25000 amount to in 3 years, compounded yearly, if the rates for successive years are 6%, 8% and 10% respectively?
 a) Rs. 34182
 c) Rs. 31428
 b) Rs. 321482
 d) Rs. 31482

84. In how many years will Rs. 2000 amount to Rs. 2662 at 10% compound interest ?

- a) 4 years b) 3 years
c) 2 years d) 1 year

85. The present population of a town is 75000. The population increases by 10% in the first year and decreases by 10% in the second year. Find the population after 2 years.

- a) 74250 b) 74500
c) 77250 d) 75000

86. How much money will be required to buy 275 Rs. 60 shares at a discount of Rs. 10 ?

- a) Rs. 19250 b) Rs. 16500
c) Rs. 13750 d) Rs. 2750

87. A motorcyclist travels for 10 hours, the first half at 21 km/hr and the other half at 24 km/hr. The total distance travelled is

- a) 350 km b) 324 km
c) 224 km d) 225 km

88. Rajdhani Express train travelling at a uniform speed clears a platform 200 metres long in 10 seconds and passes a telegraph post in 6 seconds. The speed of the train is

- a) 150 km/hr b) 165 km/hr
c) 180 km/hr d) 200 km/hr

89. A boat goes 12 km upstream in 48 minutes. The speed of the stream is 2 km/hr. The speed of the boat in still water is

- a) 15 km/hr b) 17 km/hr
c) 24 km/hr d) 48 km/hr

90. On dividing 4217 by a certain number, the quotient is 108 and the remainder is 5, the divisor is

- a) 108 b) 54
c) 49 d) 39

91. The number nearest to 2160 and exactly divisible by 52 is

- a) 2184 b) 2148
c) 2177 d) 1232

92. When the numbers 1, 3, 5, ..., 25 are multiplied together, then the number of zeroes at the right end of the product is

- a) 13 b) 9
c) 6 d) 0

93. The least number which when divided by 36, 48 and 64 leaves the remainders 25, 37 and 53 respectively is

- a) 556 b) 565
c) 655 d) 656

94. If the LCM of two numbers is 240 and their HCF is 16, then the two numbers are

- a) 24 and 40 b) 24 and 80
c) 48 and 80 d) 48 and 40

95. If 90% of A = 30% of B and B = x % of A, then the value of x is

- a) 900 b) 800
c) 400 d) 300

96. A piece of cotton cloth 20 m long, shrinks by 0.5% after washing. The length of the cloth after washing is

- a) 19.5 m b) 19.9 m
c) 19.95 m d) 19.05 m

97. If the average of a, b and c is M, then the average of a, b, c and M is

- a) $\frac{M}{2}$ b) M
c) 2M d) 4M

98. The average weight of 35 students in a class is 35 kg. If the teacher is also included, the average weight increases to 36 kg. The weight of the teacher is

- a) 71 kg b) 70 kg
c) 55 kg d) 36 kg

99. If the mean of 6, 4, 7, a and 10 is 8, then the value of a is

- a) 9 b) 11
c) 13 d) 15

100. The ratio between two numbers is 12 : 13. If each number is reduced by 20, the ratio becomes 2 : 3. Find the smaller number.

- a) 24 b) 26
c) 12 d) 18