1. The Indian National Flag was designed by

   A. Tanguturi Prakasam
   B. Pingali Venkaiah •

   C. Mahatma Gandhi
   D. Bankim Chandra Chatterjee

2. If the first two statements are true, then the third statement is:

   I. All the trees in the park are flowering trees.

   II. Some of the trees in the park are dogwoods.

   III. All the dogwoods in the park are flowering trees.

   A. True •
   B. False

   C. Uncertain
   D. None of the above

3. Which of the following is not a Mammal?

   A. Cow
   B. Goat

   C. Whale
   D. Fish •

4. A is the son of C while C and Q are the sisters to one another. Z is the mother of Q. If P is the son of Z, Which one of the following statement is correct?

   A. Q is the grandfather of A

   B. P is the maternal uncle of A •

   C. P is the cousin of A

   D. Z is the brother of C
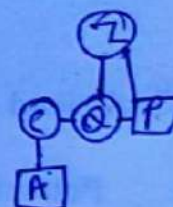
[3]

5. In India FERA has been replaced by?

   A. FEMA

   B. FETA

   C. FENA

   D. FELA

6. Which of the following acid is present in lemon?

   A. Oxalic Acid

   B. Tartaric Acid

   C. Gluconic Acid
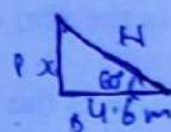
   D. Citric Acid

7. An ordinance issued by a Governor can remain in force on its own for a maximum period of..............

   A. 1 year

   B. 6 months

   C. 3 months

   D. 18 months

8. The angle of elevation of a ladder leaning against a wall is 60 and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is:

   A. 2.3 m

   B. 4.6 m

   C. 7.8 m

   D. 9.2 m

9. Which word does NOT belong with others?

   A. Potassium

   B. Silicon

   C. Zirconium

   D. Germanium

[4]

B59 SET – A

10. The founder of Ghadar Party:

    A.   Shaikh Abdullah   B.   Maharaja Ranjith Singh

    C.   Lala Hardayal .   D.   A.O. Hume

11. Which one of the following rights was described by Dr. B.R. An1bedkar as the heart and soul of the Constitution?

    A.   Right to freedom of religion

    B.   Right to equality

    C.   Right to constitutional remedies .

    D.   Right to property.

12. She _ a brief appearance at the end of party.

    A.   put on   B.   put in

    C.   put across   D.   put up .

13. To set one's face against means

    A.   To oppose with determination

    B.   To judge by appearance

    C.   To get out of difficulty

    D.   To look at one steadily

14. Euro dollars are. ....

    A.   a currency issued by European Monetary Union .

    B.   special currency issued by federal government of USA to be issued only in

        Europe

    C.   US dollars circulating in Europe

    D.   European currencies exchange for the US dollar in US

15.   The book 'midnight's children' has been written by..............

    A.   Arundhati Roy   B.   Kiran Desai

    C.   Salman Rushdie .   D.   Tasleema Nasreen

16.   Where is the National Stock Exchange located?

    A.   New Delhi   B.   Mumbai .

    C.   Chennai   D.   Hyderabad

17.   In which year the first battle of Panipat was held

    A.   1552 A.D   B.   1553 A.D

    C.   1555 A.D   D.   1556 A.D

18. The term 'sustainable development' was brought in common use by

    A.   Brudtland Commission   B.   World Conservation Union

    C.   World Conservation Strategy   D.   None of the above

19. Find the active voice of the following: A fresh batch of eggs was collected by the farmer's wife.

    A.   The farmer's wife had collected a fresh batch of eggs.

    B.   The farmer's wife will be collecting a fresh batch of eggs.

    C.   The farmer's wife was collecting a fresh batch of eggs.

    D.   The farmer's wife collected a fresh batch of eggs.

20. The salaries of A, B, C are in the ratio 2: 3: 5. If the increments of 15%, 10% and 20% are allowed respectively in their salaries, then what will be new ratio of their salaries?

    A.   3:3:10   B.   10:11:20

    C.   23:33:60   D.   Cannot be determined

21. The 2021 Olympics will be held in the following city

    A.   Munich   B.   Rio de Janeiro

    C.   Tokyo   D.   Beijing

[7]

22. Which one is a larger quantity; milliliter or deciliter?

A. milliliter   B. deciliter

C. they are the same   D. None of the above

23. Match the following pairs and choose the answers from the codes below

Plans		Year	
1.	First	a.	1956 to 1961
2.	Second	b.	1980 to 1985
3.	Third	c.	1961 to 1966
4.	Fourth	d.	1985 to 1990
5.	Fifth	e.	1951 to 1956
6.	Sixth	f.	1974 to 1979
7.	Seventh	g.	1969 to 1974
8.	Eighth	h.	1992 to 1997

A. 1-e, 2-a, 3-c, 4-g, 5-f, 6-b, 7-d, 8-h

B. 1-a, 2-b, 3-c, 4-d, 5-e, 6-f, 7-g, 8-h

C. 1-a, 2-c, 3-e, 4-g, 5-h, 6-f, 7-d, 8-b

D. 1-h, 2-g, 3-f, 4-e, 5-d, 6-c, 7-b, 8-a

24. If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:

A. 50 km

B. 56 km

C. 70 km

D. 80 km

25. Find the correct meaning of the idiom: We should give a wide berth to bad characters.

A. keep away from

B. publicly condemn

C. gives publicity to

D. not sympathize with

26. Harish sits on the right of Satish. Satish sits between Manish and Girish. Who sits right farthest to the right?

A. Satish

B. Girish

C. Harish

D. Manish

27. I ... for you all day long.

A. had waited

B. have waited

C. was waiting

D. have been waiting

28. Look at this series: 14, 28, 20, 40, 32, 64... What number should come next?

A. 52

B. 56

C. 96

D. 128

[9]

Entrance Examination – 2021 – 22

29. Which of the following vitamins promotes the healthy functioning of eyes in human beings?

   A. Vitamin B

   B. Vitamin C

   C. Vitamin D

   D. Vitamin A •

30. I walk 30 metres in North-West direction from my house and then 30 metres in South- West direction. After this I walk 30 metres in South-East direction. Now, I turn to my house. In what direction am I going?

   A. North-East •

   B. North-West

   C. South-East

   D. South-West
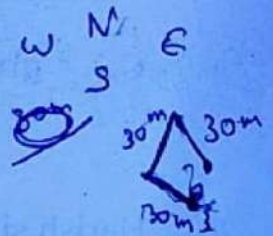
31. The lifespan of which of the following is over 50 years?

   A. Dog

   B. Cat

   C. Monkey

   D. None of the above •

32. Correct the sentence if necessary: The world has seen small real attempt at population and resource planning.

   A. few

   B. little •

   C. less

   D. a few

33. In a family, there are several brothers and sisters. Every 2 boys have brothers as many as sisters and each girl has 2 brothers less than twice as many brothers as sisters. Now find the number of boys and girls.

A. 8, 6 .

B. 6, 4

C. 6, 8

D. 12, 10

34. The greatest hallmark of personal liberty is

A. Mandamus

B. Habeas Corpus

C. Quo Warranto

D. Certiorari

35. The lineage of Kappa variant is

A. B.1.617.2

B. B.1.1 .7

C. B.1.61 7.1

D. P.1

36. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?

A. 0

B. 1

C. 10 .

D. 19 .

37. You have an investment proposition in front of you where you would invest 150 dollars in a project and after 2 years you can sell the investment. You would earn 5% paid annually. How much would you have at the end of year 2?

A. 171.3

B. 165.4 •

C. 155.1

D. 199.4

38. How many 3 digit numbers are divisible by 6 in all?

A. 149

B. 150 ✓

C. 151

D. 166

39. High powered money consists of:

A. Currency and coins held by the public •

B. Currency, cash reserves with banks and demand deposits

C. Currency held by public and cash reserves with banks

D. Currency and demand deposits

40. What is the indirect speech of: The tailor said to him, "Will you have the suit ready by tomorrow evening?

A. The tailor asked him that he will have the suit ready by the next evening.

B. The tailor asked him that he would had the suit ready by the next evening. •

C. The tailor asked him that he would have the suit ready by the next evening.

D. The tailor asked him if he will like to the suit ready by the next evening. •

[12]

41. Form the sentence using the following words

(i) Consented (ii) I

(iii) Finally (iv) to

(v) Proposal

A. (ii)(v)(iv)(i)(iii)   B. (iii)(v)(ii)(iv)(i)

C. (iii)(ii)(i)(iv)(v)   D. (ii)(v)(iv)(iii)(i)

42. The BCG vaccine is used to produce immunity against?

A. whooping cough   B. Tuberculosis

C. Viral fever   D. Small pox

43. Read the following information carefully and answer the question below.

1. M $ N means M is the mother of N

2. M # N means M is the father of N

3. M @ N means M is the husband of N

4. M % N means M is the daughter of N

Which of the following expressions indicates 'H is the brother of N'?

A. H # R $ D $ N   B. N % F @ D $ H

C. N % F @ D % H   D. N % F @ D $ H # R
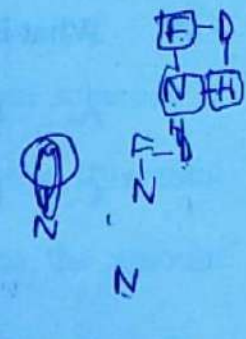
44. Maginot line is between these two countries

    A.   India and Pakistan   B.   Germany and France

    C.   USA and Canada   D.   Myanmar and India ✗

45. Identify the error: As he stood/below the shower/the sharp jets of/ice cold water revived his spirit

    A.   As he stood   B.   below the shower

    C.   the sharp jets of   D.   ice cold water revived his spirit

46. What is the synonym of YOB?

    A.   Aggressive   B.   Intelligent

    C.   Annoyed   D.   Humble

47. What is the antonym of Obscure?

    A.   Implicit   B.   Obnoxious

    C.   Explicit   D.   Pedantic

48. The headquarters of Organization of Petroleum Exporting Countries (OPEC) is located at.

    A.   Vienna   B.   Turkey

    C.   Muscat   D.   Germany

49. Find the correctly spelt word

 A. lascivious   B. lacivoius

 C. lascivious   D. lascivious

50. This bank operates in public interest without any profit motive

 A. Reserve Bank of India •

 B. State Bank of India

 C. Canara Bank

 D. Allahabad Bank

51. Choose the word which is different from the rest.

 A. Jordan   B. Bhutan

 C. Turkey   D. Norway •

52. Mr. Thomas invested an amount of 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be 3508, what was the amount invested in Scheme B?

 A. 6400 •   B. 6500

 C. 7200   D. 7500

[15]

         Entrance Examination – 2021 - 22

53. What will come at the place of?

8, 28, 116, 584, ?

A. 1752

B. 3504

C. 3508

D. 3502

54. Give the one word substitution for the following: A hater of knowledge and learning.

A. Bibliophile

B. Philologist •

C. Misogynist

D. Misologist

55. Find the missing character?

A	D	G
D	I	N
I	p	?

A. V

B. X

C. W •

D. Y

56. The profit earned by selling a chair for Rs 752 is 1.2 times the loss incurred when the same chair was sold for Rs 400. What is the Cost price of the chair?

A. 540 •

B. 592

C. 560

D. 584

[16]

57. Who suggested the Rolling Plan for backward countries?

A.   W.A. Lewis

B.   A. Samuelson

C.   G. Myrdal

D.   R. Nurkse

58. 3 pumps, working 8 hours a day, can empty a tank in 2 days. How many hours a day must 4 pumps work to empty the tank in 1 day?

A.   9

B.   10

C.   11

D.   12 .

59. NABARD has been established in this year....

A.   1972

B.   1982 *

C.   1992

D.   1962

60. What is the synonym of IMPERCEPTIBLE?

A.   Mean

B.   Obvious

C.   Humble

D.   Subtle

61. For the eradication of the evil of untouchability, the Anti-Untouchability League was setup by

A.   Dr.B.R Ambedkar -

B.   Jagjeevan Ram

C.   Mahatma Gandhi

D.   Aurobindo Ghosh

[17]

62. India's first indigenous Covid-19 vaccine...

    A.   Civishield   B.   Covaxin ,

    C.   Modema   D.   Sputnik V

63. 11} a row of trees, a tree is? 7th from left end and 14th from right end. How many trees are there in the row?

    A.   18   B.   19

    C.   20 •   D.   2 1

64. MODYAT refers to

    A.   Education policy   B.   Property Tax

    C.   Excise Duty   D.   House Tax

65. Which one of the Constitutional amendments gives a constitutional status to the Panchayat Raj institutions?

    A. 75th B. 74th

    C. 73rd D. 72nd

66. Although he never learn to read, his exceptional memory and enquiring mind eventually made him a very____man

    A.   dedicated   B.   erudite

    C.   pragmatic   D.   benevolent

67. Which of the following is not correct?

    A.   Alai Darwaza: Alauddin Khilji

    B.   Jamait Khana Masjid: Balban

    C.   Qutub Minar: Iltumish

    D.   Hisar: Firoz Shah Tughlaq.

68. If the difference of the squares of two natural numbers is 19, find the sum of square of these numbers?

    A.   181   B.   189

    C.   191   D.   195

69. If Dust is called Air, Air is called Fire, Fire is called Water, Water is called Colour, Colour is called Rain and Rain is called Dust, Where do Fish live?

    A.   Dust   B.   Fire

    C.   Colour   D.   Water

70. In a class, there are 15 boys and 10 girls. Three students are selected at random. The probability that 1 girl and 2 boys are selected is:

    A.   21/46   B.   25/117

    C.   1/50   D.   3/25

[19]

71. Four pairs of words are given out of which the words in three pairs are related in some way and words in one pair are different. Find out that pair which is differently related?

    A. Tea and Coffee

    B. Pencil and Pen

    C. Cycle and Scooter

    D. Shirt and Tailor .

72. The least perfect square, which is divisible by each of 21, 36 and 66 is:

    A. 213444

    B. 2 14344

    C. 2 14434

    D. 231444

73. 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

74. _____he invited me; I would have attended his birthday party.

    A. Hardly had

    B. Had

    C. Had better

    D. If .

75. The malaria day and sadbhavana diwas is

   A. June 20

   B. July 21st

   C. August 15th

   D. August 20th

76. The greatest mass of ice on earth is found in

   A. Antarctic

   B. Canada

   C. Syberia

   D. Paris

77. Kerala is

   I. The most densely populated state

   II. The most literate state.

   III. The state with highest sex ratio

   Choose your answer from the following codes:

   A. I and II

   B. I, II and III

   C. I only

   D. II and III

78. Choose the word which is different from the rest.

   A. Fox

   B. Yak

   C. Bear

   D. Kangaroo

79. Which of the following states has a literacy rate of above 90 percent?

   A. Andhra Pradesh

   B. Uttar Pradesh

   C. Kerala

   D. Goa

[21]

80. Order the words to form a sentence: It is not, therefore

P: that I pay a tribute

Q: to conductors as a class

R: with any feelings of unfriendliness

S: to a particular member of that class

The proper sequence should be:

A. PQRS

B. RQPS

C. RSPQ

D. PSRQ •

81. Carbon: Diamond: : Corundum : ?

A. Gamet

B. Ruby

C. Pukhraj

D. Pearl

82. Statement. Some pearls are jewels. Some jewels are ornaments. Conclusion:

I   some jewels are pearls.

II   Some ornaments are jewels
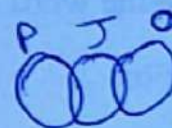
A. Only Conclusion I follow.

B. Only Conclusion II follows.

C. Either I or II follows.

D. Both I and II follows. •

[22]

83. ELFA GLHA ILJA_____MLNA

    A. OLPA

                B. KLMA

    C. LLMA

                D. KLLA .

84. Major exports of India are

    A. Cotton .

                B. Jute Yam

    C. Tea

                D. All of these .

85. Find the greatest number that will divide 398,436 and 5427 leaving 7, 11 and 15 as reminders respectively?

    A. 13

                B. 15

    C. 17 .

                D. None of these

86. Cotton fibres are made of

    A. Protein

                B. Cellulose

    C. Fats

                D. Lipids .

87. If A = x% of y and B = y% of x, then which of the following is true?

    A. A is smaller than B.

    B. A is greater than B

    C. Relationship between A and B cannot be determined.

    D. None of these

[23]

88. Which planet is known as the evening star?

    A.   Saturn   B.   Venus •

    C.   Jupiter   D.   Mars

89. A sum of money is to be distributed among A, B, C, D in the proportion of 5: 2: 4: 3. If C gets Rupees 1000 more than D, what is B's share?

    A.   Rupees 500   B.   Rupees 1500

    C.   Rupees 2000 •   D.   None of these

$$\frac{4}{3} = \frac{x+1000}{x}$$
$$4x = 3x + 3000$$
$$x = 3000$$

90. Hydrosphere is

    A.   region of water at Earth's surface •

    B.   region of water near the Earth's surface

    C.   region of water at or near the Earth's surface

    D.   made up of thin layer of water

91. Which of the following states in India, has the largest electorate?

    A.   Bihar   B.   Uttar Pradesh •

    C.   Rajasthan   D.   Kerala

92. Who was the first Chairman of the Planning Commission?

    A.   Dr. S. Radhakrishnan

    B.   Dr. Rajendra Prasad

    C.   Pandit Jawaharlal Nehru

    D.   None of the above

93. Select the pair which has the same relationship. LIGHT: BLIND

    A.   speech: dumb   B.   language: deaf

    C.   tongue: sound   D.   voice: vibration

94. In the word ECONOMETRICS, if the first and second, third and forth, fourth and fifth, fifth sixth words are interchanged up to the last letter, what would be the tenth letter from right?

    A.   O   B.   R

    C.   N   D.   I

95. Chose the word that is necessarily a part of the underlined word. Desert

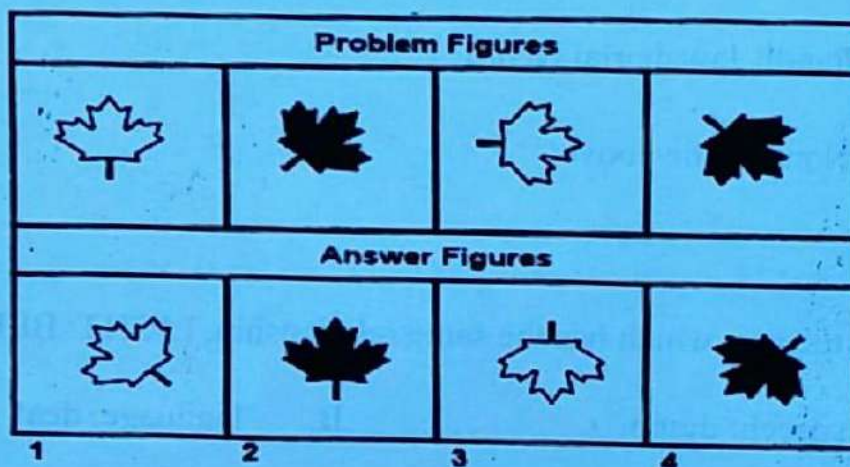   A.   Cactus   B.   Arid

    C.   Oasis   D.   Flat

96. In the following question consists of figures marked A, B, C, D called the Problem Figures followed by other figures marked 1, 2, 3, 4 called the Answer Figures.

Select a figure from amongst the Answer Figures which will continue the same series as established by the Problem Figures.

A. 1   B. 2

C. 3   D. 4

97. Eye: Myopia:: Teeth:?

A. Pyorrhea   B. Cataract

C. Trachoma .   D. Eczema

98. Correct the Sentence: The man *to who I sold* my house was a cheat.

A. to whom I sell
B. to who I sell

C. who was sold to
D. to whom I sold ✓

99. The cheapest mode of transport is

A. roadways ✓
B. waterways

C. railways
D. airways

100. The first Mughal emperor of India was

A. Shahjahan
B. Humayun

C. Babur ✓
D. Akbar