

QuestionBank
aug4

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1. The first country In the world to launch an official program for population control was:

- (A) India
- (B) USA
- (C) China
- (D) France

2. Which of the following is true:

- (A) The Infant Mortality Rate is a component of the under five Mortality Rate
- (B) The Infant Mortality Rate is a component of the Mortality Rate between Ages 1-5
- (C) The Infant Mortality Rate is a component of the Institutional Delivery Rate
- (D) The Infant Mortality Rate is a component of the Crude Death Rate of that group

3. Entomology is a science

- (A) that studies human behaviour
- (B) that studies insects
- (C) that studies history of science
- (D) that studies internal organs

4. My brother lives in Chennai, so I only get to see him _____.

- (A) Twice in a blue moon
- (B) Once in a blue night
- (C) Thrice in a blue moon
- (D) Once in a blue moon

5. Correct the sentence. One of the problems that occur as a result of coal mining is the increasing incidences of lung cancer.

- (A) that occurs as a result of coal mining are the increasing incidences
- (B) that occurs as a result of coal mining is the increasing incidence
- (C) that occur as a result of coal mining are the increasing incidences
- (D) that occur as a result of coal mining is the increasing incidence

6. The word "glimpse" means

- (A) walk around
- (B) quick view
- (C) doubt

(D) hidden

7. The word that means the OPPOSITE of "pause" is

(A) chill

(B) slacken

(C) rest

(D) restart

8. "You can expect results that are _____ to your efforts." Choose the best word to fill the blanks.

(A) enough

(B) fabulous

(C) proportionate

(D) compassionate

9. She did the work ____ carefully and so there were no mistakes.

(A) more

(B) very

(C) so

(D) much

10. "Vigilant" means

(A) unsafe

(B) bold

(C) scanty

(D) attentive

11. My uncle is moving to Nepal.....

(A) Probably

(B) last week

(C) in a week

(D) Everyday

12., they are playing our song on the radio

(A) Look

(B) Here

(C) Yesterday

(D) Listen

13. What are you doingthe weekend?

- (A) in
- (B) on
- (C) at
- (D) for

14. It lasts Two hours and 25 minutes

- (A) for
- (B) in
- (C) at
- (D) on

15. My mobile phone isthan yours

- (A) as modern
- (B) more modern
- (C) moderner
- (D) most modern

16. If a result of a study is "equivocal" it means that:

- (A) The results are ambiguous
- (B) The results are clear
- (C) The results are loud and clear
- (D) The results are similar to those in the past

17. A disease that is "evanescent" is something that

- (A) Remains for a long time
- (B) Quickly fades away
- (C) Has something to do with the nose
- (D) Is evasive to diagnosis

18. Data that is "empirical" refers to data that is

- (A) based on observation
- (B) based on feelings
- (C) not based on reality
- (D) not recordable

19. The best antonym for the word "Contagious" from among the choices given is

- (A) Communicable
- (B) Infectious
- (C) Transferred
- (D) Non-communicable

20. Archaeologists have shown that ingesting lead in drinking water was a significant health hazard for the ancient Romans, for many modern societies

- (A) as it is
- (B) like that
- (C) as that
- (D) just as

21. The teacher added the stipulation that all projects had to be;no student could carry out research on an area that had already been explored by others

- (A) original
- (B) constructive
- (C) convincing
- (D) current

22. We were so delayed that the football match.....by the time we.... .

- (A) already finished, had arrived
- (B) had already finished, arrived
- (C) finished, arrived
- (D) already finished, arrived

23. My wife and ... will attend the marriage

- (A) me
- (B) myself
- (C) I
- (D) my own self

24. Which of the following is the closest in meaning to the word "retribution"

- (A) return
- (B) reinstate
- (C) redistribution
- (D) revenge

25. Choose the word that best fits the meaning of the sentence as a whole. Medieval kingdoms did not become constitutional republics overnight. On the contrary the change was _____

- (A) unpopular
- (B) unexpected
- (C) sufficient
- (D) gradual

26. If all apples are red and some apples are juicy, which of the following is true:

- (A) All apples are juicy
- (B) Some juicy apples are red
- (C) Some red apples are juicy
- (D) Apples can be red and juicy

27. Which of the following is the odd one out

- (A) trivial
- (B) important
- (C) insignificant
- (D) inconsequential

28. PAW:CAT:: HOOF: ?

- (A) LAMB
- (B) HORSE
- (C) ELEPHANT
- (D) TIGER

29. If Ram, Rehan and Rohit are 3 brothers. If the following statements are all true, which of them is the youngest. Ram is the oldest, Rohit is not the oldest, Rehan is not the youngest

- (A) Ram
- (B) Rohit
- (C) Rehan
- (D) Rehan and Rohit

30. In the series 12,11,13,12,14,13...what number should come next

- (A) 10
- (B) 15
- (C) 13
- (D) 16

31. A man has Rs. 160 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has?

- (A) 15
- (B) 20
- (C) 25
- (D) 30

32. From the following four words, select the ODD one out.

- (A) DICTIONARY
- (B) THESAURUS
- (C) CATALOGUE
- (D) DISSERTATION

33. Complete the sequence: AMA, BLE, CKI, ____

- (A) DEK
- (B) DDM
- (C) DJO
- (D) DGR

34. From a certain point, Raj walks 50m south in a straight line, turns left and walks straight for another 70m. He then turns right and walks straight for another 50 m, then turns right again and walks straight for another 70m. How far away is he from the starting point?

- (A) 0m
- (B) 100m
- (C) 140m
- (D) 240m

35. What will be the next number? 1, 4, 9, 16, ____

- (A) 25
- (B) 27
- (C) 32
- (D) 36

36. The next term in the series: 2, 5, 10, 17, 26, 37 is

- (A) 59
- (B) 61
- (C) 43

(D) 50

37. The next term in the series: B2E, D5H, F12K, H27N is

- (A) J56I
- (B) I62Q
- (C) Q62J
- (D) J58Q

38. Given below are two statements, one is labelled as Assertion (A), and the other is labelled as Reason (R) A: No man is perfect R: Some men are not perfect

- (A) Both A and R are true, and R provides sufficient reason for A
- (B) Both A and R are true, but R does not provide sufficient reason for A
- (C) A is true, but R is false
- (D) A is false, but R is true

39. In certain code, AMERICANS is coded as YKCPGAYLQ then INDIANS can be coded as:

- (A) GLBGYLQ
- (B) BYLBAYM
- (C) DNADRNC
- (D) POIPEOK

40. Anusha is sister of Bharati, Fatima is daughter of Gayatri. Chitra is mother of Bharati, Devanand is father of Chitra. Radha is mother of Devanand. Anusha is related to Devanand as:

- (A) Grand-daughter
- (B) Daughter-in-law
- (C) Mother
- (D) Sister

41. Read the following facts: 1) Pictures can tell a story 2) All story books have pictures 3) Some story books have words. Based on the above facts, which one among the following must also be a fact?

- (A) Some storybooks have both words and pictures.
- (B) The stories in storybooks are very simple.
- (C) I like to read books with words and pictures
- (D) Pictures can tell a story better than words can.

42. How is Vimal's father's mother's only daughter-in-law's sister related to Vimal

- (A) Niece
- (B) Sister

(C) Mother

(D) Aunt

43. Select the odd one among the following series : 3, 5, 7, 9, 11, 13

(A) 3

(B) 9

(C) 13

(D) 11

44. Geethu, Neethu and Reethu are intelligent, Geethu, Meettu and Chottu are laborious and Meettu, Reethu and Chottu are honest and Geethu, Neethu, and Chottu are ambitious. Which of the following are not honest?

(A) Geethu and Neethu

(B) Reethu and Chottu

(C) Meettu and Geethu

(D) Meettu and Chottu

45. I know a professor of a University. He has beard. Inference : All professors of the university have beard.

(A) Inference is true

(B) Inference may or may not be true

(C) Inference is false

(D) Inference cannot be drawn

46. The odd one out from among - Chicken Pox, Polio, COVID-19, Malaria

(A) Chicken Pox

(B) Polio

(C) COVID-19

(D) Malaria

47. OLO, OMN, ONM, _____

(A) OOL

(B) LMN

(C) NMO

(D) OMM

48. I am my mother's nephew's:

(A) uncle

(B) brother

(C) cousin

(D) aunt

49. Each question below consists of a related pair of words, followed by four pairs of words, A-D. Select the pair that expresses the relationship to the original pair. COAL: MINERAL

(A) Oxygen: Water

(B) River: Dam

(C) Gold: Metal

(D) Silver: Mine

50. A postman walked 20 mts straight from his office, turned right and walked 10 mts. After, turning left, he walked 10 mts, and after turning right, he walked 20 mts. He again turned right and walked 70 mts. How far is he from his office?

(A) 20 mts

(B) 40 mts

(C) 70 mts

(D) 50 mts

51. If $3^{(x-2)} = 3$, then $x = ?$

(A) 1

(B) 2

(C) 3

(D) 4

52. Which of the following is a number between 0 and 1?

(A) $10/5$

(B) $9/5$

(C) $7/9$

(D) $8/2$

53. If $(A+B)^2 = A^2 + 2AB + B^2$, then what are A and B respectively for $16 + 24 + 9$?

(A) 4 and 9

(B) 4 and 3

(C) 3 and 4

(D) 16 and 9

54. Which one of the following is not a prime number?

(A) 31

(B) 61

(C) 71

(D) 91

55. What least number must be added to 1056, so that the sum is completely divisible by 23 ?

(A) 2

(B) 3

(C) 18

(D) 21

56. Which of these is the largest four digit number exactly divisible by 88

(A) 9944

(B) 9768

(C) 9988

(D) 8888

57. If 1 ml salt is added to 19 ml distilled water, what is the percentage of salt in the dilution

(A) 0.053

(B) 0.05

(C) 0.00053

(D) 0.1

58. If the ratio of number of men to the number of women in a group of 30 members is 7:8, how many members are women?

(A) 7

(B) 15

(C) 16

(D) 4

59. What percentage of 1425 is 68.04?

(A) 0.043

(B) 0.048

(C) 0.046

(D) 0.044

60. If two numbers are in a ratio 7:9 and their sum is 112, then which is the larger number

(A) 49

(B) 72

(C) 56

(D) 63

61. What number must be added to 6, 16 and 8 to get an average of 13?

(A) 25

(B) 22

(C) 20

(D) 18

62. A student is ranked 13th from right and 8th from left. How many students are there in total?

(A) 18

(B) 19

(C) 20

(D) 21

63. The number 40600 in the form of scientific notation should be

(A) 4.06×10^4

(B) 40.6×10^{-4}

(C) 4.06×10^3

(D) 0.406×10^6

64. $\log_{10}(100) =$

(A) 1

(B) 2

(C) 10

(D) 100

65. If $U = \{10, 20, 30, 40, 50\}$ and $A = \{20, 40\}$ then A' should be

(A) $\{10, 50\}$

(B) $\{20, 40\}$

(C) $\{10, 20, 40\}$

(D) $\{10, 30, 50\}$

66. The simplest form of $\sqrt{147}$ is

(A) 14

(B) $3\sqrt{7}$

(C) 7

(D) $7\sqrt{3}$

67. An Airplane carries 500 passengers, 55% are women, 20% are children. The number of men in the airplane is

(A) 275

(B) 125

(C) 100

(D) 75

68. A doctor sees 100 patients in her OP shift from 8 AM to 1 PM. What is the average time she spends with each patient?

(A) 2 minutes

(B) 3 minutes

(C) 5 minutes

(D) 6 minutes

69. 534 is completely divisible by

(A) 4

(B) 6

(C) 9

(D) 12

70. Six persons take two days to finish a certain task. How long will it take for three persons to finish two such tasks?

(A) 3

(B) 4

(C) 6

(D) 8

71. The mean of the following numbers 14, 16, 18, 24, 32 is -

(A) 18

(B) 24

(C) 20.8

(D) 22.4

72. The median for the following numbers - 14, 14, 16, 18, 24, 32, 36 is -

(A) 14

- (B) 18
- (C) 24
- (D) 22

73. A coin is tossed 4 times and comes as "heads" what is the probability of coming "heads" in the next toss?

- (A) 0.5
- (B) 1
- (C) 1
- (D) 0.9

74. Which is the biggest number 0.001, 0.0001, 0.0005, 0.0009

- (A) 0.0009
- (B) 0.0005
- (C) 0.001
- (D) 0.0001

75. $\frac{3}{4}$ can also be represented as

- (A) 0.75
- (B) 1.33
- (C) 3(4)
- (D) 4(3)

76. Last census of India was in the year

- (A) 2010
- (B) 2011
- (C) 2020
- (D) 2021

77. Rashtriya Garima Abhiyan is a national campaign to

- (A) Rehabilitate urban homeless
- (B) End bonded labour
- (C) Eradicate manual scavenging
- (D) Empowerment of women's self help groups

78. The Ayushman Bharat Pradhan Mantri Jan Arogya Yojana pertains to

- (A) COVID-19 prevention

- (B) Health insurance
- (C) Sanitation
- (D) Safe motherhood

79. FSSAI stands for

- (A) Food Subsidy and Sale Authority of India
- (B) Food Security and Subsidy Authority of India
- (C) Food Safety and Security Act of India
- (D) Food Safety and Standards Authority of India

80. World Diabetes Day is observed on

- (A) 14th November
- (B) 7th April
- (C) 31st December
- (D) 5th May

81. The term "Alma Ata declaration" pertains to

- (A) Reproductive health
- (B) Global warming
- (C) Primary health care
- (D) Formation of the World Health Organization

82. Anganwadis primarily serve

- (A) Older women
- (B) Pre-school children
- (C) Bedridden and home bound persons
- (D) Industrial workers

83. In Statistics, N refers to

- (A) Population Size
- (B) Weighted mean
- (C) Sample size
- (D) Standard deviation

84. Data concerning births, deaths, marriages and fetal deaths are considered

- (A) descriptive statistics
- (B) inferential statistics

- (C) vital statistics
- (D) health statistics

85. The First National Family Health survey was conducted in India in

- (A) 1992-1993
- (B) 1994-1995
- (C) 1990-1991
- (D) 1995-1996

86. The name of the urban counterpart for the Accredited Social Health Activist (ASHA) as part of the National Health Mission is called:

- (A) Accredited Social Health Activist
- (B) Urban Social Health Activist(USHA)
- (C) Accredited counterpart Health Activist(ACHA)
- (D) Urban Maternal Accredited Activist(UMAA)

87. The New Drugs and Clinical Trials Rules was introduced by the Govt of India in which year?

- (A) 2013
- (B) 2016
- (C) 2017
- (D) 2019

88. John Graunt used this document to compile the historical life tables. Which published document was used by John Graunt?

- (A) The Great London Death Registry
- (B) The Bills of Mortality
- (C) The Church Records
- (D) Baptism Records

89. Lexis diagrams are used to represent vital events for:

- (A) Cohorts
- (B) cross section representing varying socio-economic groups
- (C) cross sectional data representing varying ethnic groups
- (D) death rates for various population groups in a particular year

90. What is the incubation period of SARS-CoV2 virus infection?

- (A) 28 days
- (B) 21 days

(C) 14 days

(D) 7 days

91. What is the most prominent source of green house effect?

(A) Methane

(B) Nitrous oxide

(C) Carbon dioxide

(D) Flourinated Gases

92. Which state in India has the worst infant mortality rate?

(A) Odisha

(B) Madhya Pradesh

(C) Uttar Pradesh

(D) Bihar

93. In the traditionally accepted four phases of clinical trials of a new drug. Phase IV refers to:

(A) Phase for checking short terms side effects.

(B) Phase for checking toxicity

(C) Post marketing phase

(D) Phase to check correct dosage

94. The full form of the disease MERS caused by a type of Coronavirus is

(A) Moderate Emergent Respiratory Syndrome

(B) Middle East Respiratory Syndrome

(C) Middle Ear Respiratory Sepsis

(D) Migration Related Respiratory Syndrome

95. The first case of COVID-19 in India was reported from

(A) New Delhi

(B) Maharashtra

(C) Gujarat

(D) Kerala

96. The optimum time, as per guidelines, between two doses of the Astra-Zeneca COVID vaccine used widely in India is

(A) 6-8 weeks

(B) 4 weeks

(C) 12 weeks

(D) 16 weeks

97. Which of the following disease is not covered under the Indian Universal Immunization Programme?

(A) Hepatitis B

(B) Diphtheria

(C) Rubella

(D) Shingles

98. Screening of which cancer types is covered under the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke?

(A) Oral Cancer

(B) Breast Cancer

(C) Cervical Cancer

(D) All of the above

99. Which of the following is a killed vaccine?

(A) BCG vaccine

(B) Varicella Vaccine

(C) Salk Polio Vaccine

(D) MMR Vaccine

100. Which of the infectious agent is not associated with the development of cancers?

(A) *Sarcoptes scabiei*

(B) *Opisthorchis viverrini*

(C) *Helicobacter Pylori*

(D) Epstein Barr Virus