

1. If 1 cm on a map corresponds to an actual distance of 40 kms, and the distance on the map between Bombay and Calcutta is 37.5 cms, the actual distance between them is :
- A. 375 kms
B. 3750 kms
C. 1500 kms
D. None of the above
2. Write the number 2.04 as a fraction.
- A. $51/25$
B. $5/2$
C. $26/12$
D. $101/50$
3. 0.000987 is equal to:
- A. 9.87×10^4
B. 9.87×10^{-3}
C. 0.987×10^{-3}
D. 98.7×10^{-4}
4. The following table gives demand and supply of cement, in million tons, for the period 2005 to 2010. Surplus is defined as excess of supply over demand. Read the table and answer the question.

Year	Demand	Supply
2005	45.1	48.2
2006	47.7	48.3
2007	50.0	51.2
2008	53.4	54.2
2009	57.5	60.0
2010	61.7	62.4

The surplus was the second highest in which year?

- A. 2006
B. 2007
C. 2009
D. 2010
5. If 33 is added to a number N, it becomes 100. What is the number N?
- A. 133
B. 167
C. 67
D. 77

6. In a population 40% are children (below 14 years old). Among these children 20% are anemic. If the total population is 5000, how many anemic children are there in the population?
- A. 4000
B. 400
C. 300
D. 3000
7. 6:3 is same as _____
- A. 300:600
B. 100:300
C. 1:2
D. 2:1
8. Compute the value of the following expression:
 $(3-20)+(15+15)$
- A. 7
B. 13
C. 15
D. 21
9. What number is missing in the following expression?
 $3 \times (5+3) = (3+3) \times \underline{\hspace{1cm}}$
- A. 4
B. 6
C. 8
D. 10
10. In a certain city, the birth rate has remained steady at 16 for the last 5 years, but the number of births has gone up from 10000 to 13000. This means:
- A. Some births have not been counted
B. Can't comment without more information
C. More women are getting pregnant
D. The town's population has increased
11. $\frac{1}{2} + \frac{1}{3} \times \frac{1}{4} - \frac{1}{12} = ?$
- A. $\frac{1}{3}$
B. $\frac{4}{5}$
C. $\frac{1}{2}$
D. $\frac{1}{6}$
12. What is the product of 8^3 and 8^6 ?
- A. 8^{18}
B. 8^9
C. 64^9
D. 16^9

13. A call centre operates 24 hours a day and receives an average of 40 customer service calls per hour. 80 percent of all calls are received during the night shift. How many customer service calls are received during this shift, on an average?
- A. 64
 - B. 192
 - C. 768
 - D. 960
14. Identify the missing number in the sequence given below.
100, 81, ____, 49, 36.
- A. 61
 - B. 72
 - C. 64
 - D. 55
15. Five students A, B, C, D and E are sitting in a row, D is on the right of E. B is on the left of E but is on the right of A. D is on the left of C. Who is sitting on the extreme left?
- A. A
 - B. B
 - C. C
 - D. D
16. An electric contractor purchases a certain amount of wire. 10% of which is stolen. After using 85% of the remainder, he had 2.7 metres of it left. How much wire did he purchase?
- A. 10 metres
 - B. 20 metres
 - C. 30 metres
 - D. 40 metres
17. In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden. The length of the longer side of the garden is:
- A. 20 metres
 - B. 22 metres
 - C. 24 metres
 - D. 26 metres
18. In a school, 25% of students in division A are girls, as are 40% of division B. If the strength of division A is 40, and that of division B, 60, what is the proportion of girls in a combined class with both division A and division B?
- A. 20
 - B. 34
 - C. 46
 - D. 65

19. The product of two numbers is 12. The sum of their squares is 25. The sum of the numbers is
- A. 3
 - B. 7
 - C. 14
 - D. 49
20. Pradeep bought a toy with 20% discount on its labelled price. He sold it for Rs. 208 at 4% profit on the labelled price. At what price did he buy the toy?
- A. Rs.160
 - B. Rs.200
 - C. Rs.168
 - D. Rs.156
21. Fill the blank with the appropriate word:
There was some confusion ----- the agreement
- A. in
 - B. over
 - C. with
 - D. on
22. Fill the blank with the appropriate word:
A child should not be ----- as being either very shy or over aggressive.
- A. categorised
 - B. instructed
 - C. made
 - D. distracted
23. Arrange the words in the alphabetical order and pick the one that comes second last.
- A. Brook
 - B. Bandit
 - C. Baffle
 - D. Bright
24. Fill the blank with the appropriate word:
You are John. ----- you?
- A. Do
 - B. Don't
 - C. Are
 - D. Aren't

25. Fill the blanks with the appropriate pair of words:

My daughter lives ----- her husband ----- the neighbouring city.

- A. with, in
- B. at, near
- C. with, near
- D. with, to

26. Fill the blank with the appropriate phrase:

In 1817, cholera prevailed with unusual virulence at several places in the Delta of the Ganges; and, as it had not been previously seen by the medical men practicing -----, it was thought by them to be a new disease.

- A. in those parts of
- B. in the part of India
- C. in that part of India
- D. in those part of India

27. Fill the blank with the appropriate word:

What's that? I can't remember ____ name.

- A. it's
- B. its'
- C. its
- D. it

28. Fill the blank with the appropriate word:

I look forward to _____ you.

- A. meet
- B. meeting
- C. meet with
- D. meeting to

29. Fill the blank with the appropriate word:

The arbitrator said that people prepared to _____ in misconduct must be ready to put up with the consequences.

- A. embark
- B. employ
- C. enlist
- D. engage

30. Fill the blank with the appropriate word:

Fitness experts claim that jogging is ----- once you begin to jog regularly, you may be unable to stop, because you are sure to love it more and more all the time.

- A. exhausting
- B. illusive
- C. addictive
- D. evocative

31. Pick the odd pair out from the following:
- A. Concrete: Tangible
 - B. Correctness: Precision
 - C. Apposite: Discordant
 - D. Opportunity: Prospect
32. Which one among the following statements is grammatically correct?
- A. There were a couple that were bold enough to challenge the king!
 - B. There was a couple that was bold enough to challenge the king!
 - C. There were a couple that was bold enough to challenge the king!
 - D. There was a couple that were bold enough to challenge the king!
33. Complete the sentence by filling up the blank with the choice of a word that fits the meaning of the sentence as a whole.
It was her view that the country's problems had been _____ by foreign technocrats, so that to ask for such assistance again would be counterproductive.
- A. ascertained
 - B. worsened
 - C. diagnosed
 - D. overlooked
34. Which word does not belong with the others?
- A. Compassionate
 - B. Conclusive
 - C. Irrefutable
 - D. Unambiguous
35. Fill the blank with the appropriate pair of words:
Aware that his destructive and oppressive polices had _____ the political turmoil and protests, the king now had to attempt to _____ those same polices before a full-on insurrection started.
- A. aborted...curtail
 - B. instigated...foment
 - C. generated...terminate
 - D. ensnared...reinstate
36. I would love to be in your shoes' means:
- A. I would like it if I were in your position
 - B. I would like it if you were in my position
 - C. I would like to wear your shoes
 - D. I would like you to wear my shoes

37. Fill the blank with the appropriate word:
The revolution in art has not lost its steam, it _____ on as fiercely as ever.
- A. ambles
 - B. meanders
 - C. trudges
 - D. rages
38. Fill the blank with the appropriate pair of words:
The peasants were the least -----of all people, bound by tradition and ----- by superstitions.
- A. free-fettered
 - B. enthralled-tied
 - C. conventional-encumbered
 - D. pinioned-limited
39. Fill the blank with the appropriate word:
Jones and Smith declined to invest in the start-up and had little cause to _____ their decision until many years later when the company they had spurned suddenly became the flavor of the day.
- A. change
 - B. abrogate
 - C. regret
 - D. eschew
40. Fill the blank with the appropriate pair of words:
The two executives got along famously because they had similar _____ temperaments: both Mr. Raman and Mr. Gupta were equally _____.
- A. irritable...cordial
 - B. amicable...contemplative
 - C. haggard...mature
 - D. peevish...crotchety
41. India's first national health policy was formulated in the year:
- A. 1983
 - B. 1947
 - C. 1991
 - D. 1956
42. In the abbreviation AYUSH, What does AY stands for?
- A. Ayurveda
 - B. Ayurveda, Yoga
 - C. Ayurveda, Yoga and Naturopathy
 - D. Yoga

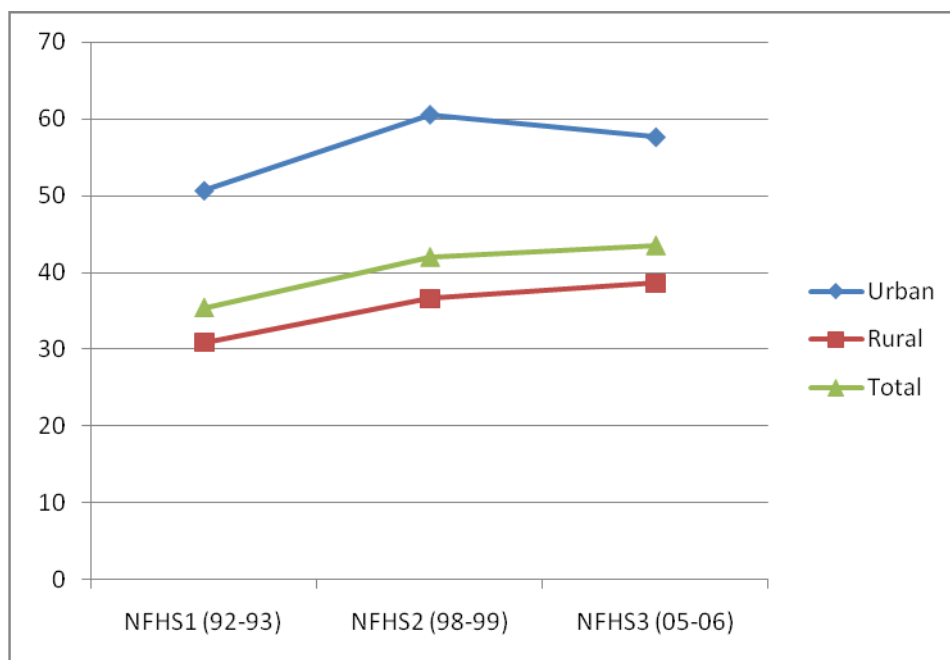
- 43.** The Alma-Ata declaration in 1978 was concerned primarily with:
- A. Women's health issues
 - B. Human rights
 - C. Primary health care
 - D. Restricting health expenditure
- 44.** DOTS is a strategy to combat which disease?
- A. Tuberculosis
 - B. Tetanus
 - C. Diphtheria
 - D. Yellow fever
- 45.** HIV/AIDS was first reported during:
- A. The period immediately after World War II
 - B. Early 1980s
 - C. Early 1990s
 - D. After 2001
- 46.** The proportion of national income (GDP) that is spent on health under public sector in India 2010 is:
- A. Under 2%
 - B. About 5%
 - C. Between 5-10%
 - D. More than 10%
- 47.** Which one of the following is not a reason for better health status of Kerala state?
- A. Women's Autonomy
 - B. High literacy rate
 - C. Women literacy
 - D. High industrial growth
- 48.** Folate deficiency is associated with?
- A. Depression
 - B. Neural tube defects
 - C. Anaemia
 - D. All of the above
- 49.** The epidemiological transition is characterized by:
- A. Rising birth rates and falling death rates
 - B. High proportion of deaths attributable to infectious diseases
 - C. Falling death rates and falling birth rates
 - D. Change in pattern of causes of death

50. Article 377 of the Indian Penal Code is on:

- A. Unnatural sexual offences
- B. MSMs
- C. HIV/AIDs
- D. None of the above

51. Observe the graph given below and answer the question.

Figure 1. Percentage of Children aged 12-23 months who received specific vaccinations at any time before the survey, NFHS 1, 2 & 3.



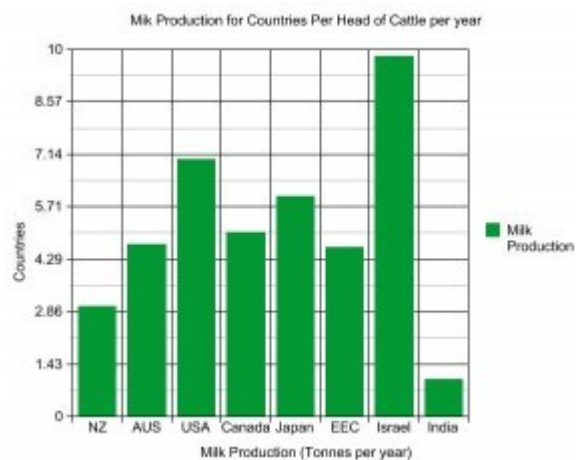
The rate of immunisation declined during the following period in the following setting.

- A. 98-99 to 05-06 for Total
- B. 92-93 to 98-99 for Rural
- C. 98-99 to 05-06 for Urban
- D. 98-99 to 05-06 for Rural

52. Which is the next number in the following sequence?
7489, 8497, 9478, ____.

- A. 4897
- B. 4879
- C. 7489
- D. 7849

53. A watch reads 4.30. If the minute hand points east, in what direction does the hour hand point?
- A. North
 - B. North-west
 - C. South-east
 - D. North-east
54. If '245' means 'Art and Talent' in a certain code language, '316' means 'Callous to Generous', '147' means 'Callous and Polite', then what is the code used for 'to'?
- A. Only 6
 - B. Only 1
 - C. 3 or 6
 - D. None of these
55. 'Furniture' is related to 'Bench' in the same way 'Stationery' is related to what?
- A. Pen
 - B. Office
 - C. Position
 - D. Movement
56. Refer to the bar chart given below to answer these questions:



The above chart shows that the runner up in the milk yield per year per cattle is:

- A. India
- B. USA
- C. Japan
- D. NZ

- 57.** If rain is water, water is road, road is cloud, cloud is sky, sky is sea and sea is path, where do aeroplanes fly?
- A. Road
 - B. Sea
 - C. Cloud
 - D. Water
- 58.** Which among the following is the ODD one?
- A. Metres
 - B. Kilograms
 - C. Seconds
 - D. Miles
- 59.** Read the following statements and conclusions and choose the most appropriate answer:
- Statements: "No women patients were smokers. Some women patients were vegetarians".
- Conclusions:
- (1) Some men were smokers.
 - (2) Some vegetarians were smokers.
- A. Only conclusion 1 follows
 - B. Only conclusion 2 follows
 - C. Both conclusions 1 and 2 follow
 - D. Neither conclusions 1 nor 2 follows
- 60.** Read the given statements and conclusions and choose the most appropriate answer. Statements: All educated people use internet. Gokul does not use internet.
- Conclusions:
- (1) Gokul is not educated.
 - (2) Using internet is not essential to be educated.
- A. Only conclusion 1 is correct
 - B. Only conclusion 2 is correct
 - C. Both conclusions are correct
 - D. Neither conclusion is correct