1. A shopkeeper sells some articles at the profit of 25% on the original price. What is the exact amount of profit? To find the answer, which of the following information given in Statements I and II is/are necessary?

I. Sale price of the article
II. Number of articles sold

A. Only I is necessary    B. Only II is necessary
C. Either I or II is necessary    D. Both I and II are necessary
E. None of these

2. Class A has a higher enrollment than Class B.
   Class C has a lower enrollment than Class B.
   Class A has a lower enrollment than Class C.
   If the first two statements are true, the third statement is

A. True    B. False    C. Uncertain

3. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

A. (1/3)    B. (1/8)    C. (2/8)    D. (1/16)

4. Look at this series: 21, 9, 21, 11, 21, 13, 21, ... What number should come next?

A. 14    B. 15    C. 21    D. 23

5. Look at this series: 1000, 200, 40, ... What number should come next?

A. 8    B. 10    C. 15    D. 20
6. Which one will replace the question mark?

<table>
<thead>
<tr>
<th>A2</th>
<th>C4</th>
<th>E6</th>
</tr>
</thead>
<tbody>
<tr>
<td>G3</td>
<td>L5</td>
<td>?</td>
</tr>
<tr>
<td>M5</td>
<td>O3</td>
<td>O14</td>
</tr>
</tbody>
</table>

A. L10  B. K15  C. I15  D. K8

7. Which one will replace the question mark?

A. 64  B. 144  C. 169  D. 25

8. Which one will replace the question mark?

A. 25  B. 625  C. 125  D. 50

In each of the following questions find out the alternative which will replace the question mark.

9. CUP : LIP :: BIRD : ?

A. BUSH  B. GRASS  C. FOREST  D. BEAK

10. Conference : Chairman :: Newspaper : ?

A. Reporter  B. Distributor  C. Printer  D. Editor

11. Ornithologist : Bird :: Archeologist : ?

A. Islands  B. Mediators  C. Archeology  D. Aquatic
12. If A + B means A is the brother of B; A - B means A is the sister of B and A x B means A is the father of B. Which of the following means that C is the son of M?

A. M - N x C + F
B. F - C + N x M
C. N + M - F x C
D. M x N - C + F

13. Pointing to a woman, Abhijit said, "Her granddaughter is the only daughter of my brother." How is the woman related to Abhijit?

A. Sister    B. Grandmother    C. Mother-in-law    D. Mother

14. P is the mother of K; K is the sister of D; D is the father of J. How is P related to J?

A. Mother    B. Grandmother    C. Aunt    D. Data inadequate

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

A. 4, 1, 5, 2, 3
B. 4, 1, 3, 5, 2
C. 4, 2, 5, 1, 3
D. 4, 1, 5, 3, 2

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

A. 3, 1, 2, 4, 5
B. 3, 1, 2, 5, 4
C. 3, 1, 4, 2, 5
D. 3, 1, 4, 5, 2

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

A. 2, 4, 3, 1, 5
B. 2, 4, 5, 1, 3
C. 2, 5, 4, 1, 3
D. 3, 2, 4, 5, 1
18. Which symbol will be on the face opposite to the face with symbol *?

A. @  B. $  C. 8  D. +

19. From the four positions of a dice given below, find the color which is opposite to yellow?

A. Violet  B. Red  C. Rose  D. Blue

20. In the following diagram the boys who are athletic and are disciplined are indicated by which number?

A. 1  B. 2  C. 10  D. 6

21. Study the diagram and identify the people who can speak only one language.

A. L + M + O  B. K + J + I  C. K  D. I
22. How many persons who take tea and wine but not coffee?
   A. 20  B. 17  C. 25  D. 15

23. How many persons are there who take both tea and coffee but not wine?
   A. 22  B. 17  C. 7  D. 20

24. How many persons take wine?
   A. 100  B. 82  C. 92  D. 122

25. How many persons takes all the three?
   A. 20  B. 17  C. 25  D. 15

26. Choose a figure which would most closely resemble the unfolded form of Figure (Z).

   A. 1  B. 2  C. 3  D. 4

27. Choose a figure which would most closely resemble the unfolded form of Figure (Z).

   A. 1  B. 2  C. 3  D. 4

28. Choose the figure which is different from the rest.

   A. 1  B. 2  C. 3  D. 4  E. 5
29. Choose the figure which is different from the rest.

![Figure](image)

(1) (2) (3) (4) (5)

A. 1  B. 2  C. 3  D. 4  E. 5

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

![Figure](image)

A. 23  B. 27  C. 29  D. 31
31. Film and TV institute of India is located at
   A. Pune (Maharashtra)  B. Rajkot (Gujarat)
   C. Pimpri (Maharashtra)  D. Perambur (Tamilnadu)

32. First Chief of the Army staff (India) was
   A. Gen. K.M. Cariappa  B. Vice-Admiral R.D. Katari
   C. Gen. Maharaja Rajendra Singhji  D. None of the above

33. Headquarters of UNO are situated at
   A. New York, USA  B. Haque (Netherlands)
   C. Geneva  D. Paris

34. Dr. Zakir Hussain was
   A. the first Muslim president of India  B. first vice president of India
   C. first president of Indian National Congress  D. first speaker of Lok Sabha

35. India has largest deposits of ____ in the world.
   A. gold  B. copper  C. mica  D. None of the above

36. India's first satellite is named after
   A. Aryabhatta  B. Bhaskara II  C. Bhaskara I  D. Albert Einstein

37. In a normal human body, the total number of red blood cells is
   A. 15 trillion  B. 20 trillion  C. 25 trillion  D. 30 trillion

38. How many times has Brazil won the World Cup Football Championship?
   A. Four times  B. Twice  C. Five times  D. Once

39. IDA stands for
   A. Indian Development Agency  B. International Development Agency
   C. Industrial Development Analyses  D. None of the above

40. In cricket, the two sets of wickets are
A. 18 yards apart  B. 20 yards apart  
C. 22 yards apart  D. 24 yards apart

41. Logarithm tables were invented by
   A. John Napier  B. John Doe  
   C. John Harrison  D. John Douglas

42. Malfunctioning of which of the following organs causes jaundice?
   A. Stomach  B. Pancreas  C. Liver  D. Kidney

43. Kathak, Nauntanki, Jhora and Kajri are the important dances of
   A. Uttaranchal  B. Uttar Pradesh  C. Jharkhand  D. Chhattisgarh

44. Mother Teresa won the Nobel Prize for Peace in

45. Neil Armstrong and Edwin Aldrin were the first to
   A. step on the moon  B. circle the moon  
   C. walk in space  D. journey into space

46. The Enron project is a
   A. hydro-electric project  B. thermal power project  
   C. atomic power project  D. gas-fired power project

47. World War II was fought between
   A. Axis Power (Germany, Italy and Japan) against the Allies (Britain, USSR, USA, France)
   B. Austria, Hungary, Turkey against France, USA, Japan  
   C. both (a) and (b)  
   D. None of the above

48. The Homolographic projection has the correct representation of
49. The great Victoria Desert is located in
   A. Canada  B. West Africa  C. Australia  D. North America

50. The leading state in producing paper is
   A. Bihar  B. West Bengal  C. Kerala  D. Orissa

51. Who wrote the famous book 'We the people'?

52. Who is the author of the book 'Forbidden Verses'?
   A. Salman Rushdie  B. Abu Nuwas  C. Ms. Taslima Nasrin  D. D.H. Lawrence

53. In which year was the 'All India Radio' set up?
   A. 1936  B. 1927  C. 1947  D. 1950

54. The famous book 'The Daughter of the East' is written by
   A. Ms. Taslima Nasreen  B. Ms. Benazir Bhutto  C. Ms. Aunsan Suu Kyi  D. Ms. Bandaranaike Sirimavo

55. The element common to all acids is
   A. hydrogen  B. carbon  C. sulphur  D. oxygen

56. From which mineral is radium obtained?
   A. Rutile  B. Haematite  C. Limestone  D. Pitchblende

57. Kilowatt is a unit to measure
   A. work  B. power  C. electricity  D. current

58. Isotopes are separated by
A. crystallisation  B. sublimation
C. distillation  D. filtration

59. Nuclear fission is caused by the impact of
A. neutron  B. proton  C. deuteron  D. electron

60. The metal used to recover copper from a solution of copper sulphate is
A. Na  B. Ag  C. Hg  D. Fe