

Super Scholar 2018 Class VI Sample Questions

1. The food items shown in the figure are sources of mainly



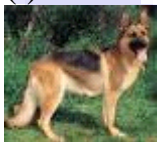



A. Fats

B. Carbohydrates

C. Proteins

D. Vitamins

2. Match the two columns and select the correct option from the codes given below

Column I	Column II
(a) Carnivore	(i) 
(b) Herbivore	(ii) 
(c) Omnivore	(iii) 
(d) Autotroph	(iv) 

A. (a) - (i), (b) - (ii), (C) - (iii), (d) - (iv)

B. (a) - (ii), (b) - (iii), (c) - (iv), (d) - (i)

C. (a) - (i), (b) - (iii), (c) - (ii), (d) - (iv)

D. (a) - (ii), (b) - (iii), (c) - (i), (d) - (iv)

3. Match column - I with column - II and select the correct option from the codes given below.

Column - I	Column - II
(a) Vitamin B ₁	(i) Scurvy
(b) Vitamin B ₃	(ii) Night blindness
(c) Vitamin C	(iii) Pellagra
(d) Vitamin A	(iv) Beri-beri

A. (a) - (i), (b) - (iii), (c) - (iv), (d) - (ii)

B. (a) - (iv), (b) - (ii), (c) - (iii), (d) - (i)

C. (a) - (iv), (b) - (iii), (c) - (i), (d) - (ii)

D. (a) - (iii), (b) - (iv), (c) - (ii), (d) - (i)

4. The thin strands of _____ that we see, are made up of still thinner strands called _____

A. Fibres, fabric

B. Fabric, fibres

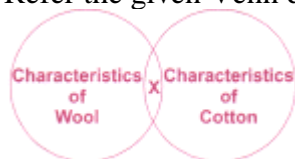
C. Fibres, thread

D. Thread, fibres

5. Bastfibres are found in the stems of the plants and provide strength to the plants. They are generally very long. An example of bastfibre is

- A. Flax B. Hemp C. Jute D. All of these

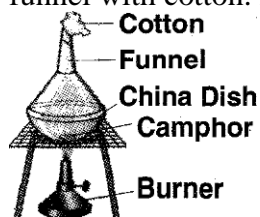
6. Refer the given Venn diagram. Which of these characteristics can be represented as X?



- A. Ability to trap and retain air B. Fluffy texture
 C. Comfortable to wear in hot and humid weather D. None of these.

7. Read the following activity and answer.

Take 5 g of solid camphor in a china dish and cover it with inverted funnel. Plug the stem of the funnel with cotton. Heat the dish



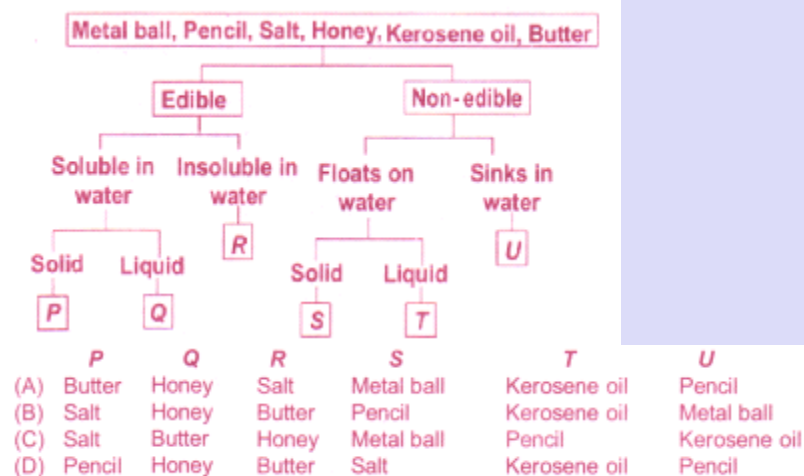
What is this process known as?

- A. Sublimation B. Crystallization C. Evaporation D. Sedimentation

8. When no more salt can be dissolved in water at a particular temperature then the solution at that temperature is called

- A. Unsaturated B. Saturated
 C. Sometimes saturated sometimes unsaturated D. None of the above

9. Following flowchart was prepared by Neelima for sorting materials into different groups. She handed over the chart to her teacher with few blanks. Fill in the blanks from the given options.

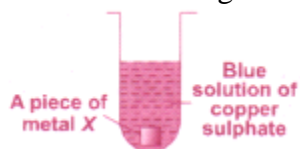


- A. A B. B C. C D. D

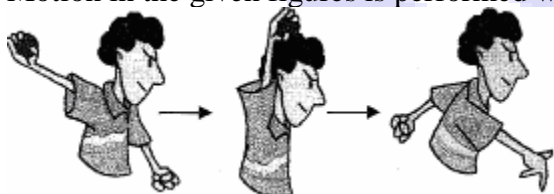
10. The processes in which heat is taken in are

- A. Evaporation and melting B. Freezing and condensation
 C. Freezing and evaporation D. Condensation and melting

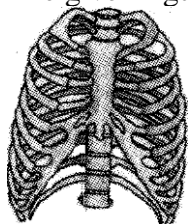
11. Which is the non-periodic change amongst the following?
A. Phases of moon
B. Earthquake
C. Change of seasons
D. Beating of heart
12. A metallic piece (X) is dropped into copper sulphate solution. After sometime, the blue colour of the solution changes to green. The change which has occurred is



- A. Physical and reversible change
B. Physical and irreversible change
C. Chemical and reversible change
D. Chemical and irreversible change.
13. Motion in the given figures is performed with the help of

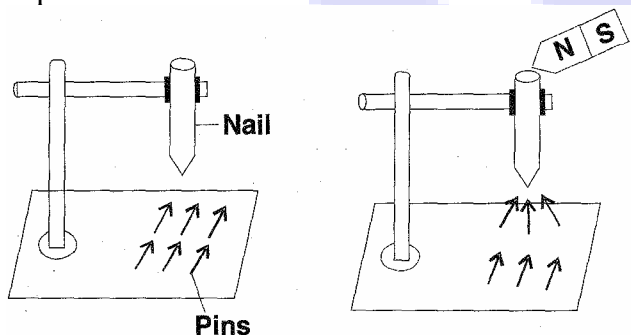


- A. Ball and socket joint
B. Hinge joint
C. Pivot joint
D. Fixed joint
14. The given figure helps in the protection of

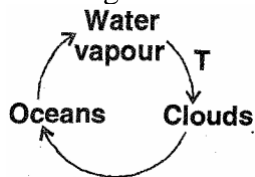


- A. Lungs
B. Wind pipe
C. Heart
D. All of the above
15. Cactus plants grow in the desert where there is scarcity of water. To prevent loss of water from the surfaces, leaves are modified to become spines. Then, which part of the cactus plant performs photosynthesis?
A. Spines
B. Roots
C. Flowers
D. Stem
16. Which of the following statements below should be used while using the symbol for a unit of a physical quantity?
A. The symbol named after scientist should have capital letter
B. They take plural forms
C. They can be written in full
D. They should be written only in the agreed symbols
17. Statement 1: The displacement of a body may be zero, though distance can be finite.
Statement 2: If a body moves such that finally it arrives at initial point, then displacement is zero while distance is finite.
A. Both statements 1 and 2 are true and statement 2 is the correct explanation of statement 1.
B. Both statements 1 and 2 are true but statement 2 is not the correct explanation of statement 1.

- C. Statement 1 is true and statement 2 is false.
 D. Statement 1 is false and statement 2 is true.
18. When Abhishek looked at a lighted torch through an object he could see a faint glow, but not the torch. The object is
 A. Transparent B. Opaque C. Translucent D. None of these
19. The Image formed in the water is
 A. Erect B. Diminished C. Inverted D. None of these
20. Electric heaters used for cooking have the filament or the heating coil on a plate made up of clay because
 A. Clay can be mould in any shape B. Clay is a bad conductor of electricity
 C. Both (A) and (B) D. None of these
21. In domestic wiring, the neutral wire has which of the following colours?
 A. Black B. White C. Green D. Red
22. Study the given figure. Which phenomenon from the following is demonstrated by the experiment?



- A. Pin gets magnetised indirectly from the nail
 B. The figures shows how pins can be demagnetised
 C. The nail becomes magnetised when bar magnet is touched and so attracts the pins
 D. None of these
23. There are following number of poles in a magnet
 A. One B. Two C. Three D. Four
24. In the water cycle, the process that takes place before it rains is
 A. Freezing B. Condensation C. Evaporation D. Melting
25. The diagram below, shows part of the water cycle



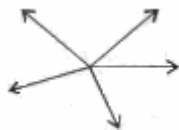
What is process 'T' called?

- A. Melting B. Condensation C. Evaporation D. Precipitation
26. The place which comes on immediate right of the hundreds place in the place value chart is
 A. Thousands B. Tens C. Ones D. Ten thousands

27. An associative for whole numbers is satisfied with respect to operations
- A. Subtraction and division B. Subtraction and multiplication
 C. Division and multiplication D. Addition and multiplication

28. LCM of two coprime numbers is their
- A. Sum B. Difference C. Product D. Quotient

29. Number of angles formed in the given figure is



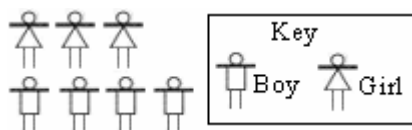
- A. 2 B. 3 C. 4 D. More than 5

30. \overline{PQ} is perpendicular to \overline{RS} is symbolically written as

- A. $\overline{PQ} \perp \overline{RS}$ B. $\overline{PQ} \parallel \overline{RS}$ C. $\overline{PQ} \neq \overline{RS}$

- D. $\overline{PQ} = \overline{RS}$

31. What fraction of the children in the following group are girls?

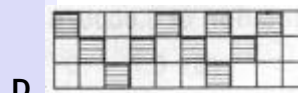
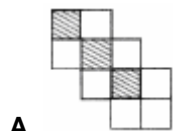


- A. $\frac{3}{4}$ B. $\frac{4}{3}$ C. $\frac{3}{7}$ D. $\frac{4}{7}$

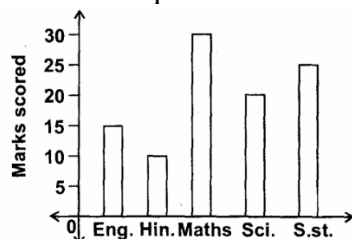
32. The cost of 1 litre of milk is Rs. 7.50, then the cost of 30.5 litre of milk is

- A. Rs.225.75 B. Rs.223.75 C. Rs.228.75 D. None of these

33. In which figure does the shaded part represents 0.3?



34. The given graph shows the marks scored by a student in his class test. Read the shown graph and answer the question.



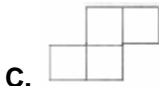
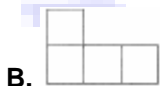
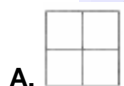
If the maximum number of marks is 50 in each subject, then the percentage of the student scored is

- A. 40% B. 35% C. 50% D. 45%

35. The vertical line in the graph is called

- A. Y-axis B. X-axis C. Ray D. None of these

36. All the figures below consist of the same four squares of equal size. Which figure has the smallest perimeter?



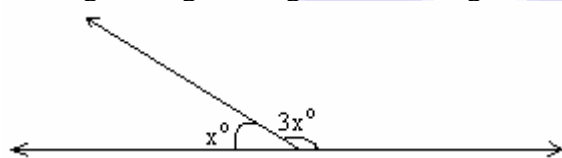
37. Perimeter of a triangle is the sum of the lengths of all the sides.

- A. 4 B. 2 C. 3 D. 6

38. Power of a variable in a linear equation is

- A. 0 B. One C. Two D. Three

39. In the given figure magnitudes of angles shown are



- A. 40°, 120° B. 30°, 90° C. 45°, 135° D. 50°, 150°

40. Cost of a toffee is 50 paise and cost of a chocolate is Rs.10, then the ratio of the cost of a toffee to the cost of a chocolate is

- A. 5:1 B. 1: 20 C. 1: 5 D. 20:1

41. If 12 men can do a piece of work in 18 days, in how many days will 8 men complete it?

- A. 12 days B. 27 days C. 10 days D. $\frac{16}{3}$ days

42. The angles is to be bisected to obtain an angle of 90° is

- A. 60° and 45° B. 60° and 120° C. 120° and 180° D. 30° and 60°

43. Which of the following alphabets has infinite lines of symmetry?

- A. O B. B C. Q D. A

44. In the pattern 1, 4, 9, 16, x^2 ,....., what does x represent?

- A. The fifth term in the pattern B. The final term in the pattern
C. The sum of the terms in the pattern D. The square root of the fifth term in the pattern

45. If English alphabets are written in reverse order what will be seventh letter on the right of the 12th letter from the left?

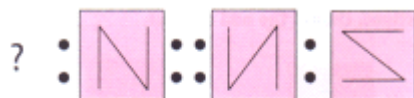
- A. F B. G C. H D. S

46. In each of the following questions choose the missing number to complete the series.

5,9,17,29,45,?

- A. 60 B. 62 C. 65 D. 70

47. In each of the following questions, pair of figures on the either side: : has a certain relationship. Identify the relationship between pair of figures and choose the missing figure.

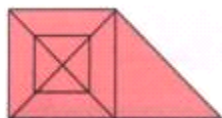


- A.  B.  C.  D. 


48. 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 'summer then where do fish live?
 A. fire B. water C. colour D. dust
49. Pointing to a photograph Yashika says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Yashika?
 A. Brother B. Uncle C. Cousin D. Data is inadequate
50. K is 40 m South-West of L. If M is 40 m South-East of L, then M is in which direction of K?
 A. East B. West C. North-East D. South
51. Which one of the following Venn diagrams correctly illustrates the relationship among the classes: Carrot, Food and Vegetable?



52. How many P's are there in the odd places in the following sequence?
 P PPP Q P Q P Q P Q Q P PP Q Q P PP
 A. 5 B. 6 C. 7 D. 8
53. If \$ denotes +, # denotes -, @ denotes x and * denotes ÷, then what is the value of $16 \$ 4 @ 5 \# 72 * 8$?
 A. 25 B. 27 C. 29 D. 36
54. Find the number of triangles in each of the given figures.



- A. 18 B. 24 C. 21 D. 20

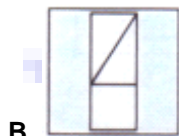
55. Identify the water image of the figure .



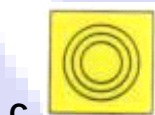
56. In each of the following questions, find out which of the figures (A), (B), (C), and (D) can be formed from the pieces given in figure (X).



(X)



57. In each of the following questions, find out which of the answer figures (A), (B), (C) and (D) completes the given figure matrix?



58. There are three forms X, Y and Z of a sheet of paper. Figures X and Y respectively show the two consecutive folds of the sheet. And the figure Z shows punch on the folded sheet. Choose one figure from the four options (A), (B), (C) and (D), that is similar to the unfolded form of the sheet.



59. A solid cube of each side 4cm, has been painted all faces. It is then cut into cubical blocks each of side 2 cm.

How many cubes are there in all of a edge 2 cm?

A. 2

B. 4

C. 8

D. 16

60. In each of the following questions, from amongst the figures marked (A), (B), (C) and (U), select the one which satisfies the same condition of placement of the dot(s) as in the given figure (X).



(X)

