

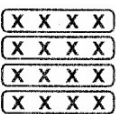
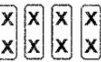
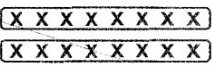
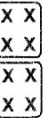
1. $35.50 \times 50 = \underline{\hspace{2cm}}$

- A. 1775
- B. 1775.0
- C. 1775.00
- D. All of these

2. A line segment drawn from the centre of the circle to any point on the circle is called

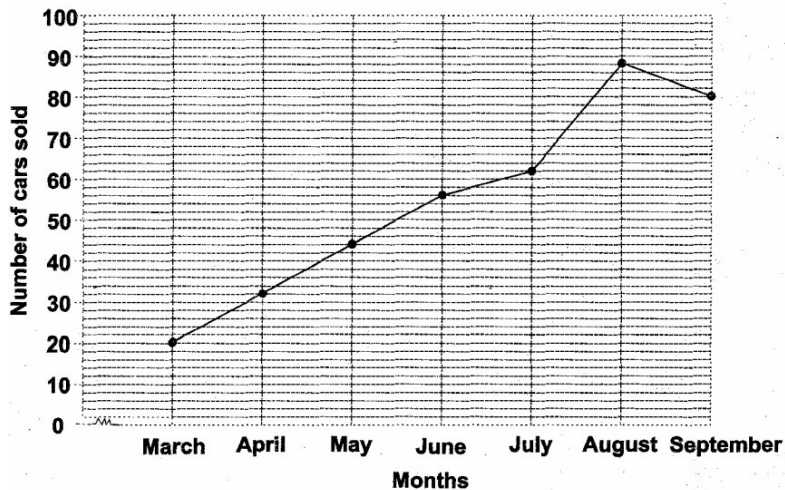
- A. Radius
- B. Diameter
- C. Chord
- D. All of these

3. Which array shows 2×8 and $16 \div 2$?

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

4. Study the graph carefully and answer the question.

The line graph below shows the number of cars sold over a period six months.



In which month was the number of cars sold 4 times as many as the number of cars sold in March ?

- A. June
- B. July
- C. August
- D. September

5. Find the value of



$$\begin{array}{|c|} \hline \text{Cube} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Cube} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Cube} \\ \hline \end{array} = 2925$$

$$\begin{array}{|c|} \hline \text{Cube} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Cup} \\ \hline \end{array} = 1975$$

$$\begin{array}{|c|} \hline \text{Plate} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Cube} \\ \hline \end{array} = 1000$$

$$\begin{array}{|c|} \hline \text{Cup} \\ \hline \end{array} - \begin{array}{|c|} \hline \text{Plate} \\ \hline \end{array} = \begin{array}{|c|} \hline \text{Cube} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{Plate} \\ \hline \end{array}$$

- A. 0
- B. 25
- C. 975
- D. 1000

6. There are 7 times as many white plates as white cups. If there are 280 white plates and white cups, how many white cups are there ?

- A. 35
- B. 40
- C. 240
- D. 245

7. A junior high marching band is making a formation for the halftime show.

There are 10 students in the first row,

11 students in the second row,

13 students in the third row, and

16 students in the fourth row.

Which statement correctly describes how to find the total number of students in the fifth row?

- A. Add 3 to the number of students in the fourth row.
- B. Add 4 to the number of students in the fourth row.
- C. Add 5 to the number of students in the fourth row.
- D. Add 6 to the number of students in the fourth row.

8. Two fractions are equivalent, if their cross multiplications are _____

- A. Equal
- B. Not equal
- C. 1
- D. 0

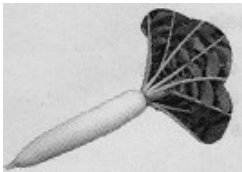
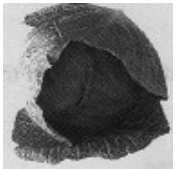
9. Express $\frac{5}{12}$ of a day in hours

- A. 2 hours
- B. 10 hours
- C. 12 hours
- D. 22 hours

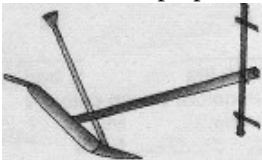
10. $\frac{3}{7} = \frac{?}{28}$. The missing number in the equivalent fraction is _____.

- A. 18
- B. 16
- C. 14
- D. 12

11. Which of the following vegetables are roots?



12. The main purpose of the implement shown in the figure is



- A. Digging the soil
- B. Digging out the plants from the soil
- C. Sprinkling water on the field
- D. Sowing the seeds

13. Which of the following is/are gnawing animals?

- (i) Rat
- (ii) Beaver
- (iii) Squirrel
- (iv) Guinea pig

- A. (iii) only
- B. (i) & (iii)
- C. (ii) & (iv)
- D. (i), (ii), (iii) & (iv)

14. Which of the following insects live and work together?

- A. Ants
- B. Wasps
- C. Termites
- D. All of these

15. The waste-water is treated to _____.

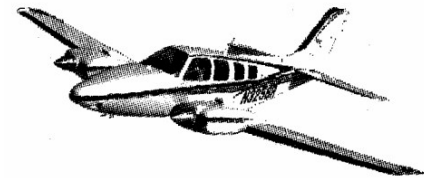
- (i) Promote water activities.
- (ii) Provide suitable conditions for aquatic life.
- (iii) Prevent spreading of diseases of water.
- (iv) Provide water for use in factories.

- A. (iii) & (iv)
- B. (i), (ii), (iii) & (iv)
- C. (i) & (iii)
- D. (ii) & (iv)

16. Select the odd one out



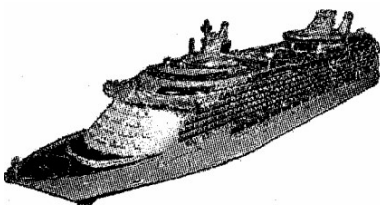
A.



B.



C.



D.

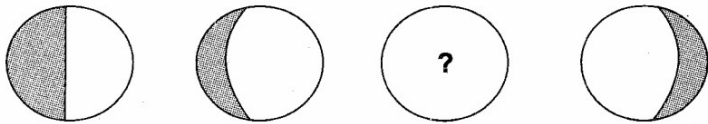
17. In some parts of Kerala, we use a _____ (made of wood) to reach school.

- A. Jugad
- B. Vallam
- C. Camel cart
- D. Both (A) & (C)

18. Which of the following factors is responsible for change of seasons?

- A. The tilted axis of the Earth
- B. The revolution of the Earth
- C. Both (A) & (B)
- D. None of these

19. The figure below shows the shape of the Moon as seen from Earth on different nights.

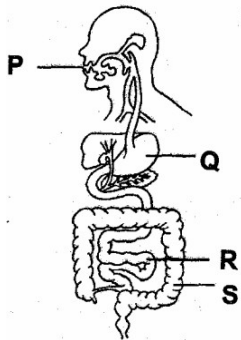


November 18 November 26 November 28 November 30

Which one of the following figures shows the correct shape of the Moon on 28th November?

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

20. The figure below shows the human digestive system.
In which part is food digested and passed into the blood vessel ?



- A. P
- B. Q
- C. R
- D. S

I have a crown, I am not a king.
I have a neck, I am not an animal.
I have a root, I am not a plant.

21. What does 'I' represent in the above riddle?

- A. Bacterium
- B. Tooth
- C. Nail
- D. Tongue.

22. The metal used to make an aircraft must be _____ and _____.



- A. Waterproof and heavy
- B. Flexible and strong
- C. Light and strong
- D. Hard and shiny

23. The given figure shows a rattle for a baby



Which of the following materials should it be made of?

- A. Plastic
- B. Metal
- C. Glass
- D. Wood

24. Harish put a coin on a marble-topped table and flicked it with his finger. He used a ruler to measure the distance travelled by the coin. Then he carried out, the same test by laying a piece of sand paper, a newspaper, and a towel in turns, on the table. On which surface will the coin travel furthest?

- A. Towel
- B. Marble top
- C. Sand paper
- D. Newspaper

25. Ginny stretched a piece of plastic food wrap over a large bowl and held it firmly in place with a rubber band. She put some green beans on the plastic. Then she used a spoon to hit the side of the bowl. She saw that the beans bounced all over the plastic producing little tapping noises.

Which of the following shows the energy conversions that have taken place ?

- A.

 →

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- B.

 →

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- C.

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- D.

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26. The sense organs are controlled by _____

- A. Digestive system
- B. Nervous system
- C. Circulatory system
- D. Respiratory system

27. How many digits are there in a mobile number?

- A. 9
- B. 8
- C. 7
- D. 10

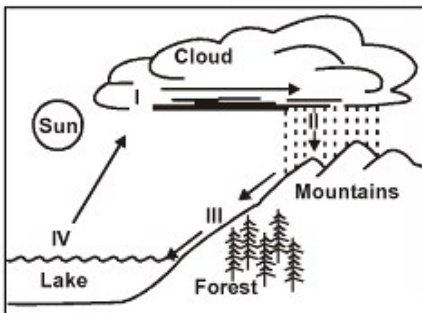
28. Which bird's foot given below is best suited for grasping prey?

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

29. Even on the coldest winter days, there is some heat in the air. Almost all of the heat in the air comes from

- A. Forest fires
- B. Volcanoes
- C. The sun
- D. The wind

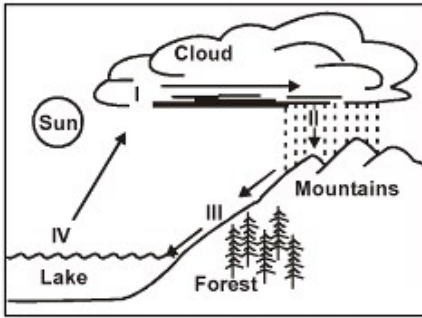
30. Refer the given figure of water cycle to answer
Four parts of the water cycle are labelled as I, II, III and IV.



Which process is occurring at IV?

- A. Condensation
- B. Evaporation
- C. Precipitation
- D. Run off

31. Refer the given figure of water cycle to answer
Four parts of the water cycle are labelled as I, II, III and IV.



Water flowing on Earth's surface at III is called _____

- A. Condensation
- B. Evaporation
- C. Precipitation
- D. Run off

32. As children grow, their height usually _____.

- A. Decreases
- B. Increases
- C. Remains the same
- D. Cannot say

33. Birds that eat other birds usually have short, curved beaks and strong feet with sharp claws. Which of these birds most likely eats other birds?



- A. Parrot



- B. Dove



- C. Hawk

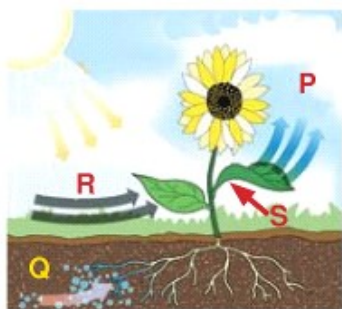


- D. House sparrow

34. Which of the following vehicles is specially designed for disabled ?

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

35. The given figure shows the process of photosynthesis. Identify the components labelled as P, Q, R and S, which are parts of this process.



A. P		Carbon dioxide
Q	Water	
R	Oxygen	
S	Glucose absorbed	

B. P		Carbon dioxide
Q	Oxygen	
R	Water	
S	Glucose absorbed	

C. P		Oxygen
Q	Carbon dioxide	
R	Water	
S	Glucose produced	

D. P		Oxygen
Q	Water	
R	Carbon dioxide	
S	Glucose produced	

