

CBSE MIXED TEST PAPER-06

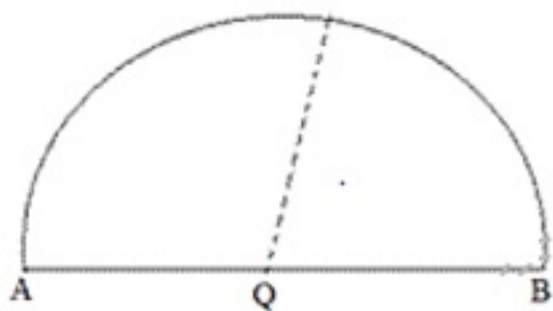
CLASS - 9 SCIENCE

(Unit Test)

General Instructions:-

- (i) All questions are compulsory.
- (ii) Marks allotted to each question are indicated against it.

1. What is the physical state of water at 25°C (1)
2. C.N.G. stands for (1)
3. What do you mean by the term 'motion' (1)
4. What is the displacement, if a body moves from A to B along a circular path as shown in figure. (1)



5. Who discovered cell? (1)
6. Which organelle is known as power house of the cell? (1)
7. Convert
 - i. 573 K in to Celsius scale
 - ii. 1000 C in to Kelvin scale (2)
8. Why does the water kept in an earthen pot become cool during summer? (2)
9. An object travels 16 m in 4 s and then another 32 m in 4 s . What is the average speed of the object? (2)

10. A bus decreases its speed from 80 km/hr to 60 km/h in 5 seconds. Find the acceleration of the bus? (2)
11. Why is the plasma membrane called a selectively permeable membrane? (2)
12. Why are lysosomes known as suicide bags? (2)
13. What type of clothes should be worn in summer and why? (3)
14. What produces more severe burns, boiling water or steam? Justify your answer. (3)
15. Prove $S = ut + \frac{1}{2}at^2$ graphically? (3)
16. A ball is gently dropped from a height of 20 m. If its velocity increases uniformly at the rate of 10 ms^{-2} , with what velocity will it strike the ground? (3)
17. Draw a neat and labelled diagram of plant cell or Typical animal cell. (3)
18. Give the functions of following cell organelles (Any three) (3)
- Golgi apparatus
 - Vacuoles
 - Chloroplasts
 - Endoplasmic reticulum
19. Tick the correct answer (4)
- (i) Which of the following is matter
- Air
 - Love
 - Cold
 - Smell
- (ii) Displacement
- It cannot be zero
 - It can be zero
 - It is always negative

d. None of above

(iii) The longest cell of human body is

- a. Blood cell
- b. Fat cell
- c. Nerve cell
- d. Muscles cell

(iv) The Structural and functional unit of life is

- a. Tissue
- b. Oxygen and water
- c. Water only
- d. Cells