

SWO International Science Olympiad 2021-22

Class 6th

Questions: 20

Time Duration: 30 Minutes

There are 4 Sections- 5 Questions in Section-1, 5 Questions in Section-2, 5 Questions in Section-3, 5 Questions in Section-4.

Section-1

1. When the objects change their position with time along a straight line, this type of motion is called _____.

- (a) Circular motion
- (b) Periodic motion
- (c) Rectilinear motion
- (d) None of these

Ans. (c)

2. Measurement of gap between two points in certain units is called_____.

Ans. Distance

3. Some objects allow only a part of light falling on them to pass through, such objects are called_____.

Ans. Translucent objects

4. We don't need a source of light, an opaque object in the way, and a screen to see a shadow.

- (a) True
- (b) False

Ans. (b)

5. Which of these is not an electric circuit.

- (a) The wiring the lights your house

- (b) Lightning, clouds, planet Earth
- (c) Water flowing through pipes
- (d) None of these

Ans. (c)

Section-2

6. A closed circuit turns a light off.

- (a) True
- (b) False

Ans. (b)

7. Materials that have such lustre can usually be classified

as _____.

Ans. Metals

8. Cell is a device which

- (a) converts chemical energy into electrical energy
- (b) electrical energy into light energy
- (c) electrical energy into magnetic energy
- (d) None of these (a)

9. What makes the basis of sorting materials into groups?

- (a) Similarities in their properties
- (b) Differences in their properties
- (c) Both similarities and differences in their properties
- (d) All of these (c)

10. An oily thin paper sheet will be

- (a) transparent
- (b) translucent
- (c) opaque
- (d) cannot be predicted (b)

Section 3

11. Which is an example of a magnetic substance?

- (a) Iron
- (b) Nickel
- (c) Cobalt
- (d) All of these (d)

12. When a bar magnet is brought near iron dust, most of the dust sticks

- (a) near the middle
- (b) equally everywhere
- (c) near two ends
- (d) at the middle and ends (c)

13. There are __ layers of atmosphere.

- a. five
- b. four
- c. three
- d. two (a)

14. Ocean contains almost __% of water present on the earth.

- a. 95
- b. 96
- c. 97
- d. 98 (c)

15. Which of the following changes can be reversed?

- (a) Raw egg to boiled egg
- (b) Wet clothes to dry clothes
- (c) Bud to flower
- (d) Cow dung to biogas (b)

Section 4

16. Organisms do not live in isolation but are __.

- a. Independent
- b. Interdependent
- c. Dependent

d. All of the above (b)

17. Which is the medium in terrestrial habitat?

- a. Land
- b. Soil
- c. Air
- d. Water (c)

18. Carbohydrates can be tested by using

- (a) iodine solution
- (b) caustic soda
- (c) copper sulphate
- (d) fehling solution (a)

19. Which one of the following is an energy giving component?

- (a) Protein
- (b) Vitamins and minerals
- (c) Roughage
- (d) Carbohydrates and fats (d)

20. Separation of fibers of cotton from its seeds is known as

- (a) ginning
- (b) spinning
- (c) knitting
- (d) weaving (a)

