

**NORTH POINT SENIOR SECONDARY BOARDING SCHOOL**  
**RAJARHAT**  
**MID TERM EXAM 2020-2021**  
**CLASS: VIII**  
**SUBJECT: SCIENCE**

Time : 40 min

F.M.=40

Multiple Choice Question (Q. 1 to 20 carry 1 mark each):

1x20=20

1. The idli dough rises because of
  - a) heat
  - b) grinding
  - c) growth of yeast cells
  - d) kneading
2. Salting of food items helps in preservation by
  - a) increasing the acidity
  - b) removing water from the cells
  - c) lowering tempertaure
  - d) killing microbes
3. Large scale rearing of fish is called
  - a) Apiculture
  - b) Pisciculture
  - c) Animal Husbandry
  - d) Agriculture
4. Modern methods of Irrigation
  - a) Drip system
  - b) Sprinkler system
  - c) both a) and b)
  - d) neither a) nor b)
5. Which of the following is a power house of the cell?
  - a) Nucleus
  - b) Mitochondria
  - c) Plastid
  - d) Vacuole
6. The protein-synthesizing organelles in the cell are
  - a) Mitochondria
  - b) Golgi bodies
  - c) Choloroplasts
  - d) Ribosomes

7. Ropes are made of Nylon Fibres because they

- a) are highly elastic
- b) have high tensile strength
- c) are hydrophobic
- d) all are correct

8. Lycra is a synthetic fibre which is also known as

- a) Nylon
- b) Acrylic
- c) Spandex
- d) Rayon

9. Which of the following is corrosion resistant?

- a) Aluminium
- b) Silver
- c) Copper
- d) Iron

10. Which of the following is a liquid at room temperature ?

- a) Chlorine
- b) Phosphorus
- c) Bromine
- d) Iodine

11. Which of the following is not malleable and ductile?

- a) Sodium
- b) Iron
- c) Silver
- d) Copper

12. A good fuel should have

- a) low ignition temperature
- b) high calorific value
- c) low cost and easy availability
- d) all of them

13. Conditions necessary for combustion

- a) Presence of combustible substance
- b) Presence of supporter of combustion
- c) Attainment of ignition temperature
- d) All of the above

14. According to the second law of reflection angle of incidence is equal to the

- a) angle of reflection
- b) Electrostatic Force
- c) Mechanical Force
- d) Muscular Force

15. Sound cannot travel through

- a) Vacuum
- b) Air
- c) Water
- d) Iron

16. Noise is produced by

- a) irregular vibrations
- b) regular vibrations
- c) both a) and b)
- d) Either a) or b)

17. The audible range of sound for human being is

- a) 200-2000 Hz
- b) 20-20000 Hz
- c) 20-23000 Hz
- d) 220-20000 Hz

18. The loudness of sound depend on its

- a) amplitude
- b) speed
- c) medium
- d) frequency

19. Unit of Force is

- a) New ton
- b) Darwin
- c) Einstein
- d) Pascal

20. Which of the following is Non contact force ?

- a) Magnetic Force
- b) Electrostatic Force
- c) Gravitational Force
- d) all of the above

(Q. 21 to 30 carries 2 marks each):

2x10 = 20

21. Deep Sea divers wear special suits to

- a) keep themselves dry
- b) protect themselves from increasing water pressure
- c) maintain their body temperature does not change with depth
- d) protect themselves from sea animals

22. In which of the following material speed of the sound is maximum ?

- a) Iron
- b) Seawater
- c) Fresh water
- d) Air

23. The first discovered antibiotic was

- a) Streptomycin
- b) Tetracycline
- c) Penicillin
- d) Crocin

24. When the ciliary muscle relax, the thickness of the lens

- a) increases
- b) reduces
- c) remains same
- d) sometimes reduces and sometimes increases

25. The image of an object is retained on the retina for about

- a) one- sixteenth of a second
- b) one fifteenth of a second
- c) one seventeenth of a second
- d) one tenth of a second

26. The number of images formed when the angle between two mirrors is  $24^\circ$  is

- a) 18
- b) 20
- c) 16
- d) 14

27. The agricultural tools used in ploughing are

- a) plough and khurpi
- b) plough and hoe
- c) khurpi and seed drill
- d) khurpi and harrow

28. Which of the following is not a kharif crop ?

- a) Paddy
- b) Groundnut
- c) Cotton
- d) Wheat

29. The process of separating grains from the crop

- a) winnowing
- b) harvesting
- c) threshing
- d) Weeding

30. Which of the following fuel has the highest calorific value ?

- a) Wood
- b) Coal
- c) Hydrogen
- d) Petrol