

Model Test Paper
Science
Class 8th

Max Marks 80

Q.1 Attempt the following Multiple Choice Questions:

- i. Broadcasting is a method of
 - a) Weeding
 - b) Irrigation
 - c) Sowing
 - d) Reaping

- ii. Which one of these can make its own food?
 - a) Algae
 - b) Diatom
 - c) Bread mould
 - d) Amoeba

- iii. Choose renewable energy resources
 - a) Coal
 - b) Petroleum
 - c) Wind
 - d) Natural Resources

- iv. Burning of CNG is an example of
 - a) Rapid Combustion
 - b) Spontaneous combustion
 - c) Slow combustion
 - d) None of the above

- v. The fusion of sperms and egg produces
 - a) Zygote
 - b) Gamete
 - c) Embryo
 - d) Oviduct

- vi. International Biodiversity day is celebrated at
 - a) 22 Feb
 - b) 22 March
 - c) 22 April
 - d) 22 May

- vii. Deficiency of iodine in diet causes
 - a) Goitre
 - b) Diabetes
 - c) Menopause
 - d) Mensuration

- viii. Unit of Pressure
 - a) Pascal
 - b) Newton
 - c) Newton/m
 - d) Ohm

- ix. Which type of friction is greatest
 - a) Sliding friction
 - b) Rolling friction
 - c) Static friction
 - d) None of the above

- x. Sound can travel in
 - a) Gases only
 - b) Liquids only
 - c) Solids only
 - d) Gases,liquids gases all

- xi. Rim of vehicles are coated with
 a) Gold
 b) silver
 c) Chromium
 d) Copper
- xii. Charge is produced by the transfer of
 a) Electrons
 b) Protons
 c) Atoms
 d) Neutrons
- xiii. Which is used to see beautiful patterns
 a) Solar filters
 b) mirror
 c) telescope
 d) kaleidoscope
- xiv. Earthworm is used for preparing
 a) Compost
 b) manure
 c) green manure
 d) vermicompost
- xv. Binary fission takes place in
 a) Spirogyra
 b) Amoeba
 c) Hydra
 d) Cat

Match the Following

- | | |
|---------------------------|-----------------|
| xvi. Atmospheric Pressure | Non Combustible |
| xvii. Pancreas | Virus |
| xviii. Glass | Insulin |
| xix. Nocturnal Animal | Force/Area |
| xx. HIV | Owl |

Fill in the blanks by choosing correct answers.

- xxi. Migratory birds come to India in -----seasons.
- xxii. ----- part of the flame is the hottest.
- xxiii. Rubbing both hands produces -----due to friction.
- xxiv. Air in motion is called -----.
- xxv. Crops grown in winters are called ----- crops.
- xxvi. Fungi like ----- cause food poisoning.
- xxvii. Burning of coal in air produces ----- gas.
- xxviii. Hertz is the unit of -----.
- xxix. The chemical substance secreted by the glands are called ----.
- xxx. Electric tester uses ----- effect of current.

(Frequency, heating, hormones, wind, carbon dioxide, rain, heat, Aspergillus, winters, outer part)

Write True/ False

- xxxi. CNG is more polluting than diesel. ()
- xxxii. Animals which lay eggs are called oviparous. ()
- xxxiii. Oiling and greasing minimize the friction. ()
- xxxiv. Electroplating uses heating effect of current. ()
- xxxv. Do not use an umbrella during lightning. ()

Two Marks Questions

(Do any Twelve)

2. Define Weed. Name any two weeds.
3. Name any two diseases caused by bacteria in Cattle ?
4. List two conditions under which combustion can take place ?
5. Write two causes of deforestation?
6. Define Fertilization. Give difference between external and internal fertilization?
7. Write four changes that take place at puberty ?
8. Paper cup catches fire easily but does not burn when water is added to it. Give reason.
9. Define Friction. Write two methods to increase friction.
10. What is the difference between asexual and sexual reproduction?
11. Name food items good for adolescent. Define balanced diet.
12. Friction is a necessary evil. Explain with example.
13. Why do electricians wear rubber shoes and rubber gloves?
14. Draw a labeled diagram of Gold leaf Electroscope.
15. What is pandemic ? Name any two pandemics ?
16. Write Laws of reflection of light and draw diagram.
17. Explain various types of coal.
18. What is Ultrasound ? Write one use in medical treatment.

Three Marks Questions

(Do any Seven)

19. Write three tips advised by petroleum Conservation Research Association to save petrol /diesel
20. Write difference between Manure and Fertiliser ?
21. Write three harmful effects of burning of fossil fuels ?
22. Explain an activity that atmosphere exerts pressure.
23. Draw labeled diagram of human Eye.
24. Can sound travel through Vacuum? If not , Explain it by an activity.
25. Define Force? Differentiate between Contact and Non Contact Force ?
26. Explain how Vermicompost is prepared ?
27. Write three consequences of Deforestation.
28. Write three methods to reduce friction.