

Class-8 (Syllabus and Sample Question Paper)

Synthetic fibres and plastics & Materials: metals and non-metals, Coal and petroleum & Combustion and flame, Sound & Light, Force, Pressure & Friction, Chemical effects of electric current, Some natural phenomena; Stars and the solar system, Crop production and Its Management, Cell its structure and functions & Microorganisms : Useful and Harmful Effects, Animals Reproduction | Conservation of plants and animals & Air and Water Pollution & Adult Age.

The Actual Question Paper Contains 40 Questions. The Duration of the Test Paper is 60 Minutes

1. **The orbiting velocity of earth to the sun is?**

- (A) 10 km/sec
- (B) 30 km/sec
- (C) 40 km/sec
- (D) 100 km/sec
- (E) None of these

2. **Which of the following is true about prokaryotic cell?**



- (A) They lack DNA
- (B) They lack chromosomes
- (C) They have no nucleus
- (D) Both (B) and (C)
- (E) None of these

3. **Which of the following helps in pollution ?**

- (A) Burning of fossils fuel in car and trucks
- (B) Spilling chemicals
- (C) spilling oil in oceans
- (D) All of these
- (E) None of these

4. **Which one of the following has the lowest melting point ?**

- (A) Mercury
- (B) Tungsten
- (C) Silver
- (D) Copper
- (E) None of these

5. **The hardest type of coal, consisting of nearly pure carbon is?**



- (A) Lignite (B) Bituminous
(C) Sub-Bituminous (D) Anthracite
(E) None of these

6. **Which of the following is an example of organisms and is reproduced by budding ?**



- (A) Tulips (B) Yeast (C) Protists (D) Kalanchoe
(E) None of these

7. **How do people contribute to land pollution.**

- (A) Littering (B) Recycling (C) Conserving (D) Spilling oils
(E) None of these

8. **Which one of the following forces act at a distance?**

- (A) Frictional force (B) Tension force
(C) normal force (D) Magnetic force
(E) None of these

9. **Read the statement given below:**

- (I) The S I unit of force is Newton
(II) Force is a vector quantity
(III) Gravitational force is a contact force

Which of the following represents the correct statement?

- (A) I and II (B) II and III
(C) I and III (D) I, II and III
(E) None of these

10. **We know that a rainbow is an optical and meteorological phenomenon that appears in the sky when the sun shines on to droplets of moisture in the Earth's atmosphere. The formation of rainbow in sky is because of ?**

- (A) Diffraction (B) Interference
(C) Refraction (D) Scattering
(E) None of these

11. The carbon composition of crude petroleum by weight is?



- (A) 53 to 87% (B) 10 to 14% (C) 0.1 to 2% (D) 0.1 to 1.5%
(E) None of these

12. Which one of the following is incorrect about non-metals?

- (A) High electronegativity (B) Dull and Brittle
(C) Forms acidic oxides (D) Generally good conductor
(E) None of these

13. The speed of light is defined by scientist in a vacuum is exactly _____ per second.

- (A) 299, 458, 458 meter (B) 299, 792, 458 meter
(C) 299, 548, 458 meter (D) 299, 456, 299 meter
(E) None of these

14. The lower limit of frequency that can be heard by average human is about?

- (A) 12 HZ (B) 200 HZ
(C) 20 HZ (D) 30 HZ
(E) None of these

15. Angle of incidence is equal to?

- (A) Optical density (B) Angle of reflection
(C) Index of refraction (D) All of these
(E) None of these

ANSWERS

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|-------|-------|-------|-------|-------|
| 1. B | 2. D | 3. D | 4. A | 5. D |
| 6. B | 7. A | 8. D | 9. A | 10. C |
| 11. D | 12. B | 13. A | 14. C | 15. B |