

## General Science Model Questions with Answer Key - Set 2

1. Which gas is most abundant in the Earth's atmosphere?

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen
- D) Hydrogen

Answer: C) Nitrogen

2. Who is known as the father of genetics?

- A) Charles Darwin
- B) Gregor Mendel
- C) Louis Pasteur
- D) Isaac Newton

Answer: B) Gregor Mendel

3. What is the chemical symbol for Iron?

- A) Fe
- B) Ir
- C) I
- D) In

Answer: A) Fe

4. Which organ in the human body is responsible for filtering blood?

- A) Heart
- B) Kidneys
- C) Lungs
- D) Liver

Answer: B) Kidneys

5. What is the smallest planet in our solar system?

- A) Venus
- B) Mars
- C) Mercury
- D) Jupiter

Answer: C) Mercury

6. What type of animal is a frog?

- A) Mammal
- B) Reptile
- C) Amphibian
- D) Fish

Answer: C) Amphibian

7. What is the name of our galaxy?

- A) Andromeda
- B) Milky Way
- C) Triangulum
- D) Whirlpool

Answer: B) Milky Way

8. Which vitamin is known as ascorbic acid?

- A) Vitamin A
- B) Vitamin B
- C) Vitamin C
- D) Vitamin D

Answer: C) Vitamin C

9. What is the speed of light?

- A) 300,000 km/s
- B) 150,000 km/s
- C) 450,000 km/s
- D) 600,000 km/s

Answer: A) 300,000 km/s

10. Which planet is known for having a ring system?

- A) Mars
- B) Venus
- C) Jupiter
- D) Saturn

Answer: D) Saturn

11. What kind of bond is formed when electrons are shared between atoms?

- A) Ionic
- B) Covalent
- C) Hydrogen
- D) Metallic

Answer: B) Covalent

12. What gas do animals exhale during respiration?

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen
- D) Methane

Answer: B) Carbon Dioxide

13. What is the name of the process by which plants release water vapor into the air?

- A) Photosynthesis
- B) Respiration
- C) Transpiration
- D) Digestion

Answer: C) Transpiration

14. Which part of the brain is responsible for balance and coordination?

- A) Cerebrum
- B) Cerebellum
- C) Medulla
- D) Spinal Cord

Answer: B) Cerebellum

15. What is the main source of energy for the Earth?

- A) The Moon
- B) The Sun
- C) Geothermal Energy
- D) Fossil Fuels

Answer: B) The Sun

16. Which organ in the human body produces bile?

- A) Kidney
- B) Liver
- C) Pancreas
- D) Stomach

Answer: B) Liver

17. What is the name of the force that opposes motion between two surfaces?

- A) Gravity
- B) Friction
- C) Magnetism
- D) Tension

Answer: B) Friction

18. Which metal is liquid at room temperature?

- A) Mercury
- B) Iron
- C) Silver
- D) Aluminum

Answer: A) Mercury

19. What are the basic building blocks of proteins?

- A) Fatty acids
- B) Amino acids
- C) Glucose
- D) Starch

Answer: B) Amino acids

20. What is the powerhouse of the cell called?

- A) Nucleus
- B) Ribosome
- C) Mitochondria
- D) Endoplasmic Reticulum

Answer: C) Mitochondria

21. What is the main component of natural gas?

- A) Methane
- B) Ethane
- C) Propane
- D) Butane

Answer: A) Methane

22. Which of the following is not a noble gas?

- A) Helium
- B) Neon
- C) Argon
- D) Hydrogen

Answer: D) Hydrogen

23. Which layer of the Earth is the hottest?

- A) Crust
- B) Mantle
- C) Outer core
- D) Inner core

Answer: D) Inner core

24. What is the pH value of an acidic solution?

- A) Less than 7
- B) Equal to 7
- C) Greater than 7
- D) Equal to 14

Answer: A) Less than 7

25. Which gas is used in fire extinguishers?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide
- D) Hydrogen

Answer: C) Carbon Dioxide

26. Which of the following diseases is caused by a virus?

- A) Tuberculosis
- B) Malaria
- C) Influenza
- D) Diabetes

Answer: C) Influenza

27. Which hormone regulates blood sugar levels?

- A) Insulin
- B) Adrenaline
- C) Estrogen
- D) Thyroxine

Answer: A) Insulin

28. What is the chemical formula for methane?

- A) CH<sub>4</sub>
- B) C<sub>2</sub>H<sub>6</sub>
- C) CO<sub>2</sub>
- D) NH<sub>3</sub>

Answer: A) CH<sub>4</sub>

29. What type of rock is formed by volcanic activity?

- A) Igneous
- B) Sedimentary
- C) Metamorphic
- D) Limestone

Answer: A) Igneous

30. Which organ is known as the voice box?

- A) Larynx
- B) Pharynx
- C) Trachea
- D) Bronchus

Answer: A) Larynx