

**NSO Class 03**

Total Questions: 35

Time: 60 min

**1. Which of these correctly describes the process of condensation?**

- A) Liquid turning into gas
- B) Solid turning into liquid
- C) Gas turning into liquid
- D) Liquid turning into solid

**2. A plant needs sunlight to make food. In which part of the plant does most of this food-making process occur?**

- A) Roots B) Flowers C) Leaves D) Stem

**3. Which of these animals breathes through gills when it is young and through lungs when it is an adult?**

- A) Fish B) Bird C) Frog D) Snake

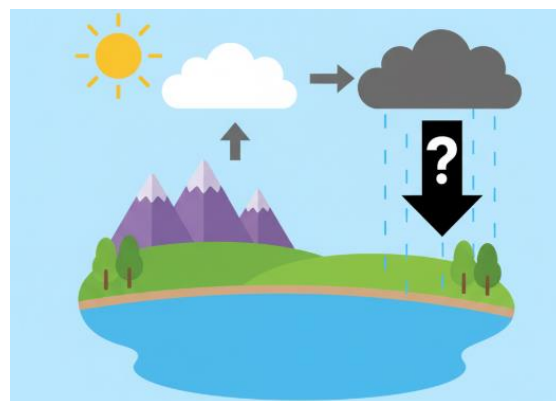
**4. What is the main reason why a hot air balloon floats in the sky?**

- A) It is filled with normal air
- B) The air inside the balloon is cooler than the outside air
- C) The air inside the balloon is hotter and less dense than the outside air
- D) It uses propellers to push it up

**5. Which of the following is a nocturnal animal that primarily eats insects and uses echolocation to hunt?**

- A) Owl B) Bat C) Fox D) Deer

**6. Look at the image of the water cycle. What process is represented by the arrow pointing from the clouds to the lake/ground?**



- A) Evaporation B) Condensation
- C) Precipitation D) Transpiration

**7. Which part of a seed contains the stored food for the baby plant until it can make its own?**

- A) Radicle B) Plumule
- C) Seed coat D) Cotyledon

**8. What happens to sound waves when they hit a soft, rough surface like a curtain?**

- A) They bounce back strongly
- B) They are absorbed
- C) They travel faster
- D) They change direction completely

**9. Which of these materials is an insulator, meaning it does not allow heat to pass through easily?**

- A) Iron B) Copper C) Wood D) Aluminum

**10. When a rainbow appears in the sky, what natural phenomenon causes the sunlight to split into different colors?**

- A) Reflection B) Refraction
- C) Absorption D) Diffraction

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**11. Which organ system in the human body is responsible for breaking down food into nutrients that the body can use?**

- A) Circulatory system
- B) Respiratory system
- C) Digestive system
- D) Nervous system

**12. If a magnet attracts a metal object, that object is most likely made of:**

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

**13. What is the process by which plants release extra water vapor into the air through their leaves?**

- A) Evaporation      B) Condensation
- C) Transpiration      D) Precipitation

**14. A scientist observes that a certain type of worm lives only in dark, damp soil. This suggests the worm has a strong adaptation to its:**

- A) Food      B) Habitat
- C) Predators      D) Reproduction

**15. Which of the following is a unit of measurement for temperature?**

- A) Meter B) Liter C) Kilogram D) Celsius

**16. Why do some trees have very deep roots?**

- A) To absorb more sunlight
- B) To stand very tall
- C) To reach water deep underground
- D) To make more flowers

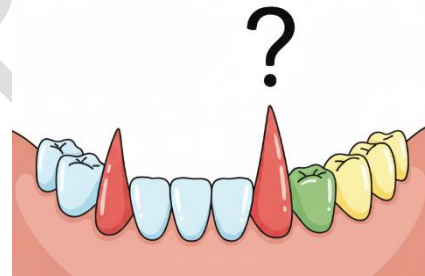
**17. What causes the distinct taste difference between sweet, sour, salty, and bitter foods?**

- A) The texture of the food
- B) Different taste buds on our tongue
- C) The color of the food
- D) How hot or cold the food is

**18. Which layer of the Earth protects us from harmful ultraviolet (UV) rays from the Sun?**

- A) Troposphere      B) Stratosphere
- C) Mesosphere      D) Exosphere

**19. Look at the image showing different types of teeth. Which type of tooth is best suited for tearing food?**



- A) Incisors      B) Canines
- C) Premolars      D) Molars

**20. What is the phenomenon where light bends as it passes from one transparent material to another (e.g., from air to water)?**

- A) Reflection      B) Refraction
- C) Diffraction      D) Dispersion

**21. Which part of the Earth's surface is mostly covered by water?**



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A) Land B) Mountains C) Oceans D) Deserts

**22. Which of these materials is derived directly from crude oil?**

A) Cotton B) Plastic C) Wood D) Paper

**23. What is the process called when an animal sheds its outer skin or feathers?**

A) Hibernation B) Migration

C) Moulting D) Gestation

**24. The energy we get from the Sun is primarily in the form of:**

A) Chemical energy

B) Electrical energy

C) Light and heat energy

D) Sound energy

**25. Which sense organ helps us maintain our balance?**

A) Eyes B) Ears C) Nose D) Tongue

**26. If you see a rapidly moving stream or river, what type of energy does its flowing water possess that can be used to generate electricity?**

A) Chemical energy

B) Potential energy

C) Kinetic energy

D) Nuclear energy

**27. What is a group of stars, dust, and gas held together by gravity called?**

A) A planet B) A constellation

C) A galaxy D) A comet

**28. Which component of soil is made up of decayed plants and animals and helps**

**make the soil fertile?** A) Sand B) Clay C) Silt D) Humus

**29. What is the scientific name for the phenomenon that causes seasons on Earth?**

A) Earth's rotation

B) Earth's revolution around the Sun with a tilted axis

C) Moon's phases

D) Sun's flares

**30. Which of these is a characteristic of a living thing?** A) It can move B) It can grow C) It can reproduce D) All of the above

**31. What is the main function of red blood cells in the human body?** A) To fight germs B) To help blood clot C) To carry oxygen D) To digest food

**32. Which instrument is used to measure the amount of rainfall?** A) Thermometer B) Barometer

C) Anemometer D) Rain gauge

**33. Which of these is an example of a chemical change?**

A) Melting ice B) Tearing paper

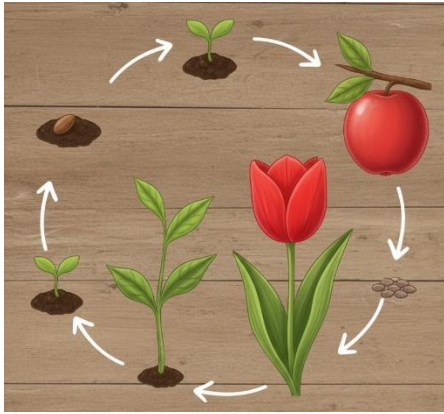
C) Burning wood D) Boiling water

**34. Look at the image showing different forms of energy. Which type of energy is primarily responsible for the growth of plants?**

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- A) Heat Energy B) Sound Energy  
C) Light Energy D) Electrical Energy

**35. What is the largest organ in the human body?**

- A) Heart B) Brain C) Lungs D) Skin