

NSO Class 02

Total Questions: 35

Time: 60 min

1. A plant grows towards sunlight. This response to light is called:

- A) Gravity B) Photosynthesis
C) Phototropism D) Hydrotropism

2. Which of these animals lays eggs and then guards them until they hatch, but does not feed its young milk?

- A) Cow B) Cat C) Snake D) Goat

3. If you boil water and it turns into steam, what scientific process has occurred?

- A) Freezing B) Melting
C) Evaporation D) Condensation

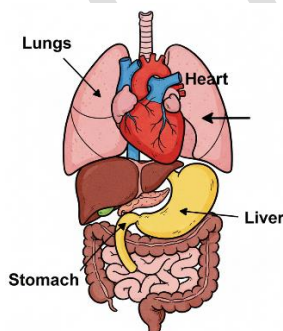
4. Which of these is a non-living thing that helps a plant make its food?

- A) Worm B) Bee C) Air D) Bird

5. What is the main reason why we hear an echo when we shout in an empty hall? A) Sound travels very fast

- B) Sound is absorbed by the walls
C) Sound bounces off surfaces
D) Sound gets weaker over distance

6. Look at the image of the human body. Which part is responsible for pumping blood to all other parts?



A) Lungs B) Liver C) Heart D) Stomach

7. Which of these materials is a good conductor of electricity?

- A) Plastic B) Wood C) Glass D) Copper

8. If you leave a glass of water outside on a sunny day, the water level slowly goes down. This is because of:

- A) Melting B) Freezing
C) Evaporation D) Condensation

9. Which type of tree usually sheds all its leaves in autumn or winter?

- A) Evergreen tree B) Deciduous tree
C) Coniferous tree D) Fruit tree

10. What force pulls an apple down to the ground when it falls from a tree?

- A) Friction B) Magnetism
C) Gravity D) Air resistance

11. Which of these animals uses echolocation (sending out sounds and listening for echoes) to find its way and hunt in the dark?

- A) Owl B) Bat C) Cat D) Dog

12. When you see a lightning flash, you often hear the thunder a few seconds later. This happens because:

- A) Light travels slower than sound
B) Sound travels slower than light
C) Lightning causes sound
D) Clouds block the sound

13. Which part of a flower makes pollen? A) Petal B) Sepal C) Stamen D) Ovary

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14. What is the process called when a seed starts to grow into a new plant?

- A) Photosynthesis B) Germination
C) Fertilization D) Respiration

15. If a shadow is formed, it means that light is being:

- A) Bent B) Reflected
C) Absorbed D) Blocked

16. Which of these objects would float in water?

- A) A stone B) A metal coin
C) A wooden block D) A glass marble

17. What do you call an animal that only eats plants?

- A) Carnivore B) Omnivore
C) Herbivore D) Insectivore

18. Which season is caused by the tilt of the Earth's axis as it orbits the Sun?

- A) Day and Night B) Months
C) Seasons D) Tides

19. Look at the image showing different weather instruments. Which instrument is used to measure the speed of the wind?



A) Thermometer



C) Barometer



D) Anemometer



D) Rain Gauge

20. The tiny holes on the underside of a leaf, through which plants take in carbon dioxide and release oxygen, are called: A) Roots B) Stomata C) Veins D) Chlorophyll

21. What is the process by which green plants make their own food using sunlight, water, and carbon dioxide?

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

22. Which of these is a source of renewable energy?

- A) Coal B) Oil C) Natural gas D) Sunlight

23. If you rub your hands together quickly, they feel warm. This is because of:

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

24. Which part of your eye helps you see colors? A) Pupil B) Iris C) Lens D) Retina (specifically cones within the retina)

25. A group of fish swimming together is called a:

- A) Herd B) Flock C) School D) Pack

26. Why do many plants have bright and colorful flowers?

- A) To attract animals that eat flowers
B) To protect themselves from the wind
C) To attract insects for pollination
D) To make the plant look beautiful

27. What happens to the water level in a glass if you put an ice cube into it and the ice cube melts completely?

- A) The water level rises
B) The water level falls
C) The water level stays the same
D) It depends on the size of the ice cube

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28. Which gas do animals breathe in from the air to live?

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

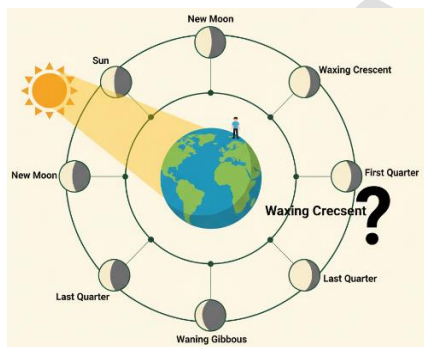
29. The liquid part of our blood, which is mostly water, is called:

- A) Red blood cells
B) White blood cells
C) Plasma
D) Platelets

30. Which planet is known as the 'Red Planet'?

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

31. Look at the image of the phases of the moon. Which phase comes right after a New Moon, when you see a small crescent of light?



- A) First Quarter B) Full Moon
C) Waxing Crescent D) Waning Gibbous

32. What is the main function of the stem of a plant?

- A) To make food
B) To absorb water

C) To support the plant and carry water/food

D) To attract insects

33. Which of these is a natural source of light?

- A) Torch B) Lamp C) Sun D) Candle

34. Why do polar bears have thick fur and a layer of fat under their skin?

- A) To help them swim faster
B) To keep them warm in cold places
C) To help them camouflage in the snow
D) To make them look bigger

35. If you put a magnet near some paper clips, what happens?

- A) The paper clips get hot
B) The paper clips repel the magnet
C) The paper clips are attracted to the magnet
D) Nothing happens