



World Science Olympiad (WSO)

Standard: V

Instructions:

There are three Sections and total 30 questions.

Attempt all the questions.

There is no negative marking for the wrong answers.

Time: 90 minutes

Doers Section

No. of Questions:22
Marks for each Question: 3

1. Which of the following are living things

- a. Human
- b. Plant
- c. Mushroom
- d. All of the above

2. Animals depend on plants for

- a. Food
- b. Money
- c. Memory
- d. Light

3. Plants give out _____ during photosynthesis

- a. Oxygen
- b. Carbon dioxide
- c. Nitrogen
- d. Ozone

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4. A food chain starts with

- a. Green Plant
- b. Animals
- c. Birds
- d. Air

5. An example of scavengers is

- a. Hyena
- b. Tiger
- c. Elephant
- d. Goat

6. _____ protects our organs.

- a. brain
- b. bones
- c. hairs
- d. fat

7. _____ is the place where bones join together

- a. vertebrae
- b. base
- c. joint
- d. attachment

8. Which of the following can be stored for a year?

- a. salad
- b. pulses
- c. pickle
- d. bread

9. Fossil fuels are found

- a. below the ground
- b. above the ground
- c. in the air
- d. on the volcano

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10. The force that is applied to move the object is called

- a. fulcrum
- b. effort
- c. load
- d. all of the above

11. Which is class 2 lever

- a. nutcracker
- b. bottle opener
- c. hammer
- d. none of the above

12. Which is not a simple machine

- a. pressure cooker
- b. screw
- c. lever
- d. pulley

13. Gas has

- a. no shape
- b. no volume
- c. no weight
- d. all of the above

14. Which one is an element

- a. Iron
- b. wood
- c. paper
- d. plastic

15. Symbol of magnesium is

- a. Mg
- b. Mn
- c. M
- d. Mgn



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16. Completer the series

AAAA, AAAB, AABA, ABAA, _____

- a. AABA
- b. AABB
- c. BAAA
- d. ABAB

17. Which one will take shape of the container in which it is kept

- a. Juice
- b. Oxygen
- c. wood
- d. insects

18. Which is a body-building food component

- a. Protein
- b. Vitamin
- c. fat
- d. water

19. The movement of the earth around the sun in a fixed path or orbit is called

- a. rotation
- b. revolution
- c. eclipse
- d. none of the above

20. _____ is required for ignition.

- a. Oxygen
- b. Carbon dioxide
- c. Nitrogen
- d. Argon

21. Adult human body has _____ bones

- a. 206
- b. 216
- c. 270
- d. 109

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22. Year with ____ days is called a leap year

- a. 364
- b. 365
- c. 366
- d. 367

Executors Section

No. of Questions: 6
Marks for each question: 4

23. Which one is insoluble in water

- a. Milk
- b. Sand
- c. Sugar
- d. Salt

24. Sound is a form of

- a. energy
- b. light
- c. current
- d. all of the above

25. Which is a safe practice?

- a. touching an electric switch with wet hands
- b. crossing road by walking on the zebra crossing
- c. running on a wet floor
- d. playing with friends on the road

26. Air around us has mostly

- a. Oxygen
- b. Carbon dioxide
- c. Nitrogen
- d. smoke

27. _____ is prevention of soil erosion.
- a. Afforestation
 - b. soil conservation
 - c. irrigation
 - d. terrace farming
28. During a total eclipse of the moon
- a. full shade of moon falls on the earth
 - b. full shade of earth falls on the moon
 - c. partial shade of earth falls on the moon
 - d. partial shade of moon falls on the earth

Performers Section

No. of Questions: 2
Marks for each question: 5

29. Match the following

A	Sound pollution	i.	fuel burning
B	Air pollution	ii.	loudspeaker
C	Water pollution	iii.	detergent
D	Thermal pollution	iv.	coal power plant

Options;

- a. A-I, B-ii, C-iii, D-iv
- b. A-ii, B-iii, C-I, D-iv
- c. A-ii, B-I, C-iii, D-iv
- d. A-iv, B-ii, C-I, D-iii

30. How many statements are correct?

- (i) Filtration is a common method to separate tea leaves from the water
- (ii) Coal is a fossil fuel
- (iii) Cyclones are good for farmers
- (iv) Volcanos may erupt under the ocean
- (v) Germs cannot live in air and water
- (vi) Water can exist as solid, liquids and gas

Options;

- a. 3
- b. 4
- c. 5
- d. 6



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