



## World Science Olympiad (WSO) Standard: IV

### 👉 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. The human body is controlled by
  - a. Liver
  - b. Brain
  - c. Kidney
  - d. Blood
2. How many sense organs do we have?
  - a. two
  - b. four
  - c. five
  - d. six
3. Which of these can reduce the friction between two surfaces?
  - a. oil
  - b. lubricant
  - c. powder
  - d. all of the above
4. Which force is responsible for the wear and tear of the machine?
  - a. gravitational force
  - b. weak force
  - c. friction
  - d. None of the above

5. Which of the following can change the direction of a moving object?

- a. friction
- b. force
- c. gravity
- d. weight

6. How many poles does the earth have?

- a. 1
- b. 2
- c. 3
- d. 4

7. Earth can perform how many types of motion simultaneously:

- a. 1
- b. 2
- c. 3
- d. 4

8. Number of planets in our solar system is.

- a. 7
- b. 8
- c. 9
- d. 6

9. \_\_\_\_\_ tree shows relation between family members

- a. family
- b. relation
- c. big
- d. green

10. Which of the following is required for our body?

- a. Vitamins
- b. Minerals
- c. Protein
- d. All of the above

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11. Solar system is a part of

- a. Milkyway
- b. Earth
- c. Universe
- d. a and c

12. Pollution is mainly caused by.

- a. human activities
- b. rain
- c. rivers
- d. sunrays

13. CNG is used as

- a. clean fuel
- b. electricity source
- c. human food
- d. balloon air

14. Major reason for air pollution is

- a. burning of coal and other fuels
- b. deforestation
- c. recycling
- d. reuse of water

15. If someone is sick, we should

- a. call a doctor
- b. avoid noise
- c. make them comfortable
- d. all of the above

16. What comes next in the series?

**AB, BC, CD, DE, \_\_\_**

- a. FG
- b. EF
- c. FG
- d. AD

17. Form a meaningful word from the letters: **F, A, T, Y, S, E**

- a. FATTY
- b. TASTY
- c. SAFETY
- d. AFYSET

18. Which is nearest to the sun?

- a. Mercury
- b. Mars
- c. Earth
- d. Venus

19. Do not touch \_\_\_\_\_ with wet hands

- a. electrical switch
- b. matchbox
- c. gas cylinder
- d. curtain

20. We should follow safety rules

- a. at home
- b. on the road
- c. in school
- d. All of the above

21. Which is rich in fat?

- a. Butter
- b. Rice
- c. Wheat
- d. Sunlight

22. To make food plants require

- a. Sunlight
- b. Water
- c. Air
- d. All of the above

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## Executors Section

No. of Questions: 6

Marks for each question: 4

23. Match the following

A	Baking	i	Samosa
B	Cooking	ii.	Biscuit
C	Frying	iii.	Rice
D	Steaming	iv.	Idli

Options;

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

24. Which are good habits to ensure electrical safety

- I. Do not touch the electric switch with wet hands
- II. Sit near the table fan
- III. Do not use loose wire connections
- IV. Switch off electrical appliances when not in use

Options;

- a. I, II and III
- b. I, III and IV.
- c. II and III
- d. all of the above

25. What is the source of dietary fibre?

- a. Pulses
- b. Wholegrain
- c. Vegetables and Fruits
- d. All of the above

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26. Which animal has webbed feet?

- a. Shark
- b. Frog
- c. Starfish
- d. Ant

27. Respiratory system helps in

- a. breathing
- b. growth
- c. blood circulation
- d. producing offspring (babies)

28. \_\_\_\_\_ makes our work easier

- a. Transformer
- b. Machine
- c. Current
- d. Friction

## Performers Section

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

29. Match the following

A	Carbohydrate	i.	Keep us warm in cold weather
B	Protein	ii.	Required for energy
C	Vitamin	iii.	Muscle building
D	Fat	iv.	Fighting from disease
E	Mineral	v.	Important for bones and teeth

Options

- a. A-i , B-ii, C-iii, D-iv, E-v
- b. A-ii, B-iii, C-iv, D-i, E-v
- c. A-iii, B-ii, C-iv, D-i, E-v
- d. A-v, B-iv, C-ii, D-i, E-iii

30. How many statements are correct?

- (i) Clothes protect us from adverse weather
- (ii) Clothes may be made from natural or artificial fibres
- (iii) Originally all the fibre are white in colour
- (iv) Woollen clothes are useful in the rainy season
- (v) The variety of clothes varies with culture
- (vi) Silk clothes cannot be reused

Options;

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



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