

# 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.

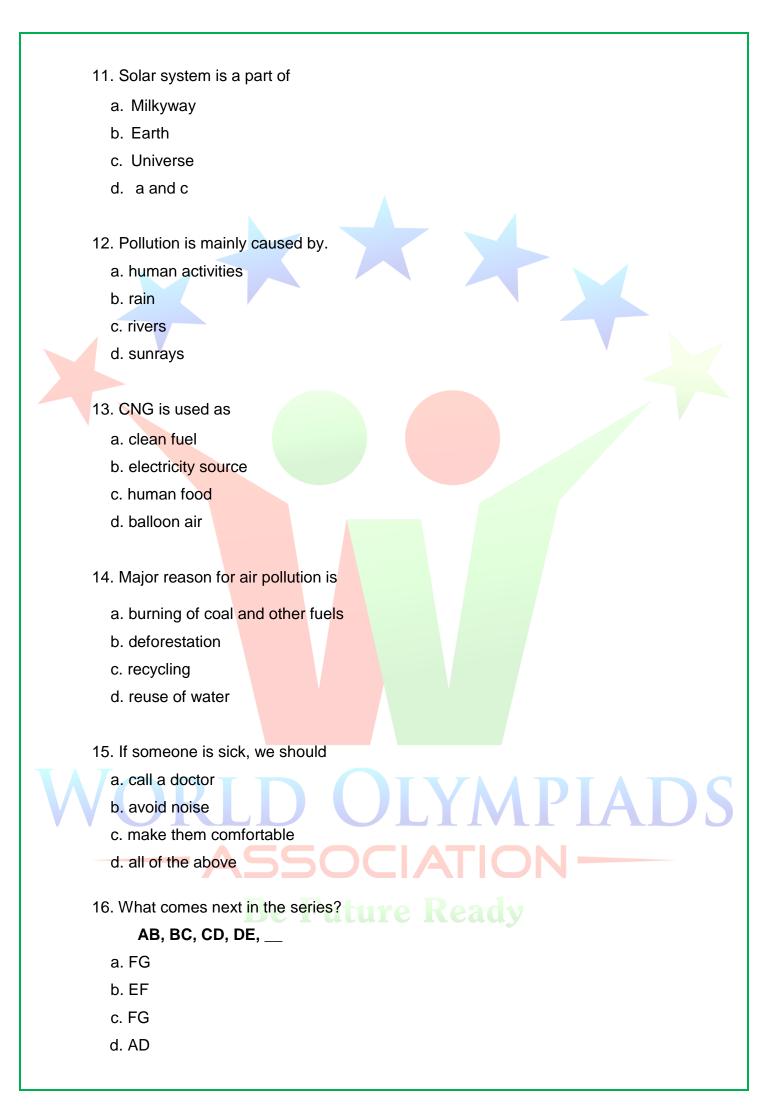
Time: 90 minutes

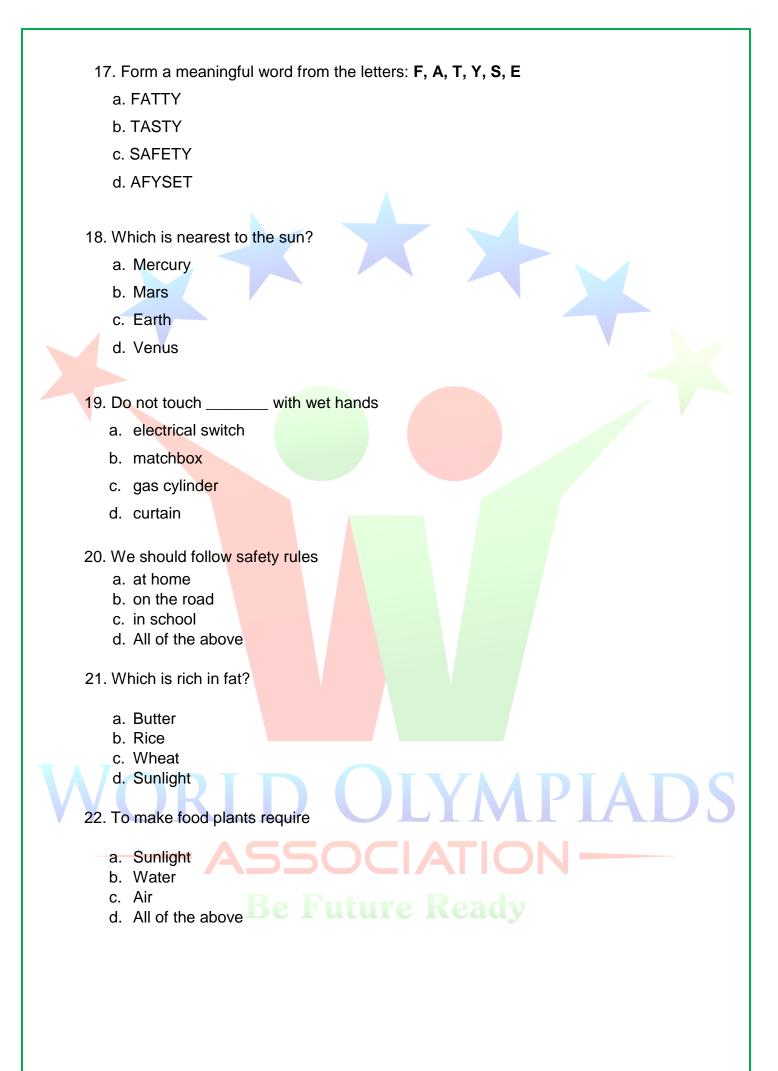
# **Doers Section**

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 planet <mark>s in our sol</mark> ar 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	
ASSOCIATION —	
10. Which of the following is required for our body?	
a. Vitamins Be Future Ready	
b. Minerals	
c. Protein	
d. All of the above	





# **Executors Section**

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

LYMPIAD

23. Match the following

Α	Baking	i	Samosa
В	Cooking	ii.	Biscuit
С	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?

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

- 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

Α	Carbohydrate	i.	Keep us warm in cold weather
В	Protein	ii.	Required for energy
С	Vitamin	iii.	Muscle building
D	Fat	iv.	Fighting from disease
E	Mineral	V	Important for bones and teeth

**SSOCIATION** 

#### Options

- a. A-i , B-ii, C-iii, D-iv, E-v Future Ready
- 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

# WORLD OLYMPIADS —ASSOCIATION—

Be Future Ready