

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Name:.....

Arifinkidz Roll No:.....



Total Questions: 35

Time: 60 Minutes



## Arifinkidz Summer Science Olympiad 2024

CLASS

3

SET-A

### Guidelines for the Candidate

- ⚠ You will get additional 5 minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
- ⚠ Write your **Name, School** and **Arifinkidz Roll No.** clearly on the OMR Sheet.
- ⚠ The Question Paper comprises two sections:  
**General Science (30 Questions) and Achievers Section (5 Questions).**  
Each question in Achiever Section carries 2 marks, whereas all other questions carry one mark each.
- ⚠ All questions are compulsory. There is no negative (-) marking.
- ⚠ All questions are (MCQ) types. There is only ONE correct answer. Choose only ONE option for an answer.
- ⚠ To mark your choice of answer by darkening the circles on the OMR Sheet, Use **HB Pencil** or **Blue/Black ball point pen** only. E.g.

**Question:** Which one of the following is not included in solar system?

A. Sun

B. Planet

C. Telescope

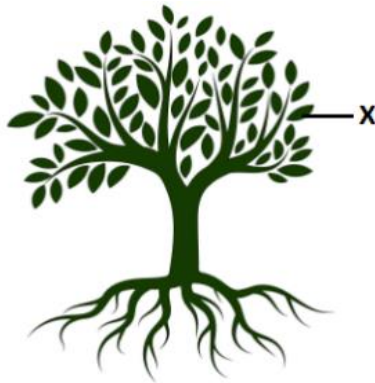
D. Satellite



As the correct answer is option C, you must darken the circle corresponding to option C on the OMR Sheet.

- ⚠ Return the OMR Sheet to the invigilator at the end of the exam.

1. Which of the following statements is/are true about the part labelled as X?

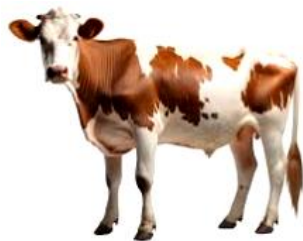


- (A) The part is called the food factory of the plant.  
 (B) They fix the plant to the ground.  
 (C) Air enters the plant through the part X.  
 (D) Both (A) and (C)

2. Which of the following is a fruit, but is used as a vegetable?

- (A) Pumpkin      (B) Watermelon      (C) Mango      (D) Apple

3. \_\_\_\_\_ eats its food in the same way as the animal shown here.



- (A) Frog      (B) Rabbit      (C) Sheep      (D) Parrot

4. How are these given animals similar?



- (A) They have sharp pointed curved teeth.  
 (B) They are carnivores.  
 (C) They use their tongue to catch their prey.  
 (D) They swallow their food as a whole.

5. Which of the following feathers keep the bird's body warm?



(D) None of these

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6. \_\_\_\_\_ has a long and pointed beak to poke into flowers and drink nectar from them.

(A) owl

(B) kite

(C) Peacock

(D) Humming bird

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7. Which of the following is a method of cooking food by dry heating without flame?

(A) Baking

(B) Steaming

(C) Boiling

(D) Roasting

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8. Which of the following given food items are energy giving food?

(A) Sugar, Pulses, Fish, Fruits

(B) Wheat, ghee, oil, potato

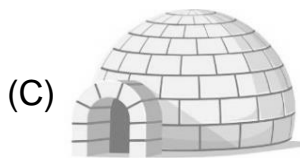
(C) Vegetables, egg, fish, chicken

(D) Rice, ghee, potato, fruits

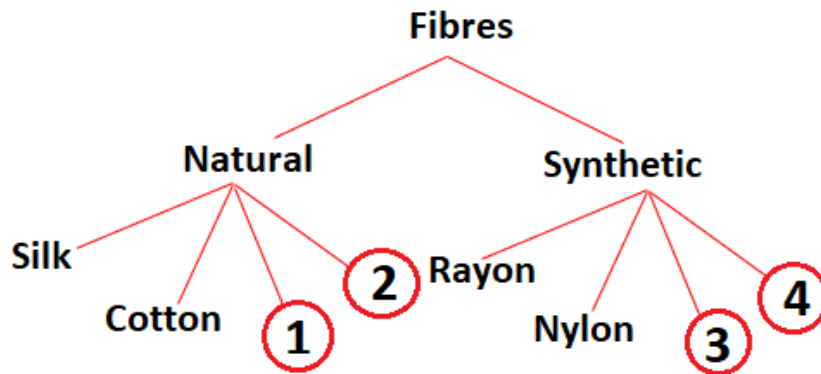
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9. Rohit is a camper who often goes out for camping. Which type of house would he choose for travel.





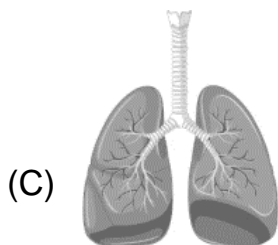
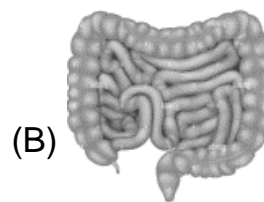
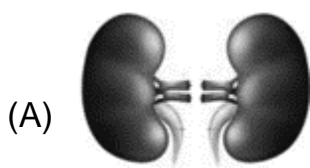
10. Sila made a flowchart about types of fibres.



Which among the following can be placed in 1, 2, 3 and 4 respectively?

- (A) Linen, nylon, coir, wool
- (B) coir, wool, polyester, Lycra
- (C) wool, acrylic, Lycra, polyester
- (D) Nylon, Flax, coir, wool

11. Which organ of our body belongs to both the respiratory and the excretory system?



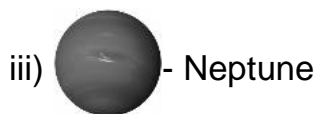
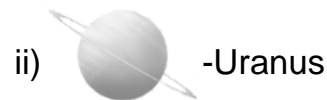
12. X along with Y helps our body and its parts to move. Y gives shape and support to our body. X and Y together make up the system Z. Select the option which correctly identifies X, Y and Z.

- (A) X-Bones, Y-Muscles, Z-Nervous System
  - (B) X-Bones, Y-Muscles, Z-respiratory system
  - (C) X-Muscles, Y- Bones, Z-Skeletal system
  - (D) X-Bones, Y-Muscles, Z-Nervous System
- 

13. When we observe a ship sailing away from the shore, the lower part disappears first then the upper part. This happens as earth is

- (A) Slate shaped
  - (B) Flat shaped
  - (C) Round shaped
  - (D) zig-zag shaped
- 

14. Find out the correct order of planets from nearest to farthest from the Sun.



- (A) (i), (ii), (iii), (iv)
- (C) (iv), (i), (ii), (iii)

- (B) (iii), (i), (ii), (iv)
  - (D) (ii), (iii), (iv), (i)
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15. Krishna took some water in a beaker and kept it on a burning stove for few minutes. Then he turned off the stove and let the water cool down. Then he put the beaker in the freezer for six hours. Which of the following is the correct sequence that have taken place?

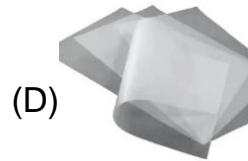
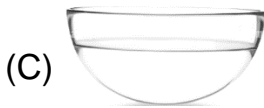
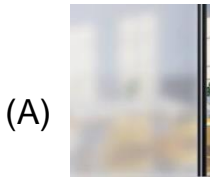
- (A) Sublimation – Evaporation
- (B) Evaporation- Sublimation
- (C) Melting – condensation
- (D) Evaporation – freezing

16. Naina had collected different materials for the science class in School. Refer to the materials W, X, Y and Z given in the box and select the CORRECT option regarding them.

**W- cotton, X-Metal**  
**Y-Thermocol, Z- Cardboard**

- (A) Clothes made of Y can be used in summer.  
(B) X can be used to make window panes.  
(C) Z can be used to make a box to carry ice to a long distance.  
(D) W can be used to clean the water spilled on the floor.
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17. Select the object which is transparent.



18. Ramesh wants to make a list of actions that show friction produces heat. Which of the following could he include in his list?

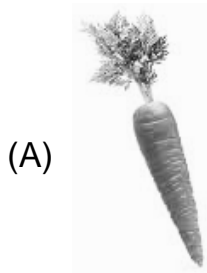
- a. Rubbing hands together  
b. Scratching a matchstick against the box  
c. Sawing wood  
d. Drilling a hole into metal sheet  
e. Rubbing of pencil marks with an eraser.

- (A) a and e only  
(B) a, b and e only  
(C) a, b, c, d and e  
(D) a, b, c and e only
- 

19. The force exerted by the earth to pull different objects towards itself is called the

- (A) Magnetic force  
(B) Gravitational force  
(C) Muscular force  
(D) All of these

20. Identify the odd one out from the following.



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21. What will happen if the number of frogs in the food chain shown below is decreased?

Grass → Grasshopper → Frog → Snake

- (A) The number of grasshoppers will increase.
- (B) The number of grasshoppers will decrease.
- (C) The number of snakes will decrease.
- (D) Both (A) and (C)

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22. The food shown in the given picture is considered unhealthy because:



- (A) They contain less fat, carbohydrate and protein
- (B) They contain many unwanted fats which will make us overweight.
- (C) They contain lots of protein but less carbohydrate and fats.
- (D) They contain more carbohydrates and protein but less fat.

23. Select the correct match.



(A) 1 and 4

(B) 1 and 3

(C) 1 only

(D) 2 and 3

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24. Messages from all parts of the body keep coming to the brain through

(A) Oxygen

(B) Blood

(C) CO<sub>2</sub>

(D) Nerves

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25. Following materials are used to make \_\_\_\_\_.



(A) Igloo

(B) Tent

(C) Pucca house

(D) House boat

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26. Fill in the blanks with the correct option.

Soil can be made more \_\_\_1\_\_\_ by adding \_\_\_2\_\_\_ .

(A) 1-Loamy, 2-Sand Particles

(B) 1-Clayey, 2-Water

(C) Fertile, 2-manure

(D) 1-Fertile, 2- Clayey particles

27. Which of the following activities will pollute the air?



(D) Both A and B

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28. Which of the following vehicles is used in goods transportation?



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29. Which season is shown in the given picture?



(A) Summer

(B) Rainy

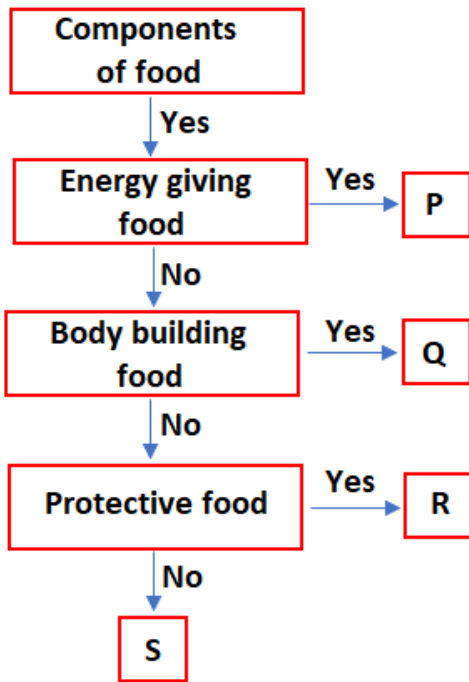
(C) Winter

(D) Spring

30. The waste removed from our body through the respiratory system is  
 (A) Oxygen (B) Carbon dioxide (C) Nitrogen (D) Hydrogen

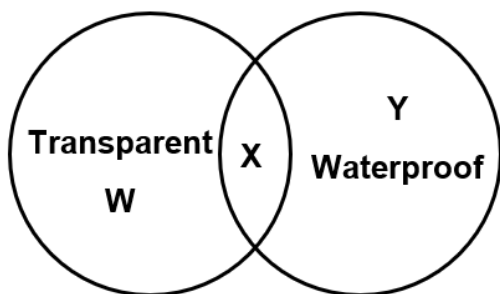
**ACHIEVERS SECTION**

31. Study the given flow chart and identify P, Q, R and S.



- (A) P-Chocolate, Q-Pomegranate, R- Meat, S- Guava  
 (B) P- apple, Q-Butter, R-Grapes, S-Chapati  
 (C) P-Toor dal, Q-Biscuit, R-Potato, S-Milk  
 (D) P-Oil, Q-Cottage cheese, R-Orange, S- Water

32. Study the given Venn diagram and select the option which correctly identifies glass.



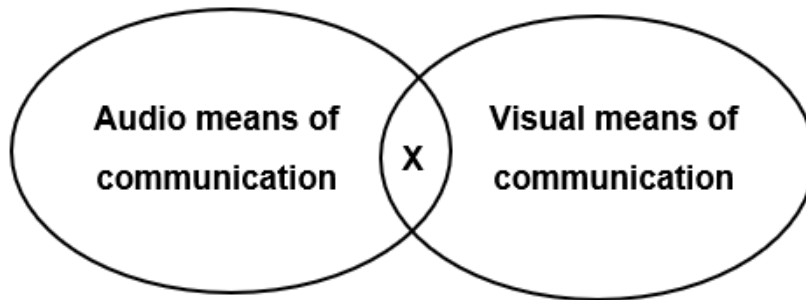
- (A) W only (B) X only (C) Y only (D) Either W or Y

33. Study the given food chain and select the correct statements regarding it.

Grass → X → sparrow → snake

1. X is a prey      2. X is a herbivore.      3. X is a plant      4. X is a producer  
(A) 1 and 4 only      (B) 2 and 3 only      (C) 1 and 2 only      (D) 2 and 4 only

34. Identify X in the given Venn diagram.



- (A) Book      (B) Television      (C) Radio      (D) Newspaper

35. If we see no moon on day 1 of a calendar, then what will we see on day 21 of the calendar.

- (A)       (B)       (C)       (D) 



