

**Total Questions - 35****Maximum Mark - 105****Duration - 1 hr****SCO International
Science Olympiad**

	Pattern and Marking Scheme	
No. of Questions	35	-
Marks Per Question	3	

Syllabus	International Science Olympiad (ISO) 2022-23 SET - AH 7
Grade 4	

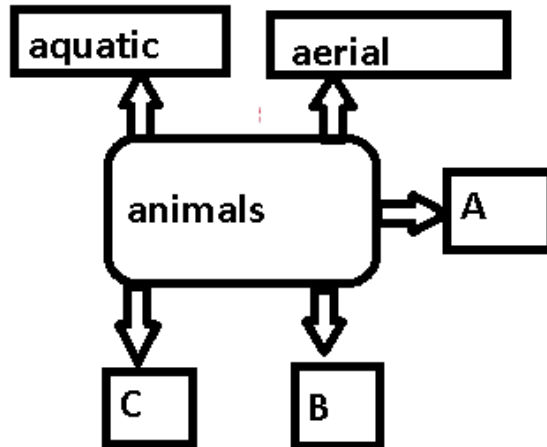
**Total Questions: 35 | Time: 1 hr.****Guidelines for the Candidate**

1. You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
2. Write your Name, School Code, Class, Roll No. and Mobile Number clearly on the OMR Sheet and do not forget to sign it. We will share your marks / result and other information related to Olympiad exams on your mobile number.
3. The Question Paper comprises sections: reasoning ,subjective, achievers section
4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
5. There is only ONE correct answer. Choose only ONE option for an answer.
6. To mark your choice of answers by darkening the circles on the OMR Sheet, use HB Pencil or Blue / Black ball point pen only
7. Rough work should be done in the blank space provided in this booklet.
8. Return the OMR Sheet to the invigilator at the end of the exam.
9. Please fill in your personal details in the space provided on this page before attempting the paper.

1. Which of the following is an example of a fixed aquatic plant?

- a. Hyacinth
- b. Hydrilla
- c. Duckweed
- d. Water lily

2. Fill in the flowchart and then choose the correct option.



1. Animals that can live on land and water.
2. Animals that can live on trees.
3. Animals that live on land.

- a. Arboreal, amphibian, terrestrial
- b. Amphibian, arboreal, terrestrial
- c. Terrestrial, arboreal, amphibian
- d. Arboreal, terrestrial, Amphibian

3. Match the following and then choose the correct option.

1	Arteries	A	Pumps blood to the whole body
2	Vein	B	Takes blood back to the heart
3	Capillaries	C	Carry blood from the heart
4	Heart	D	Tiny blood vessels

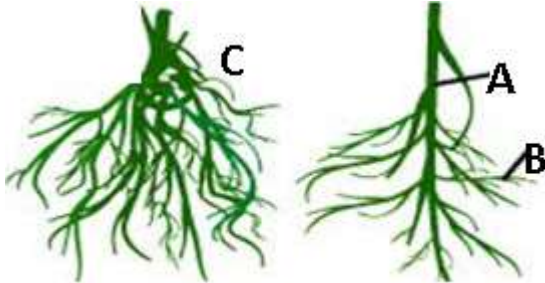
- a. B, 2- A, 3- C-, 4-D
- b. B, 2- C, 3- D, 4-A

- c. A, 2- C, 3- D, 4-B
- d. C, 2- B, 3- D, 4-A

4. Which adaptation is shown by a porcupine to protect itself?

- a. It has quills all over its body.
- b. It has a poisonous venom to kill its body.
- c. It camouflages.
- d. It runs very fast to escape from its enemy.

5. Which is the fibrous root in the given diagram?



- a. A
- b. B
- c. C
- d. None

6. Read the sentences given below carefully. Say if they are true or false. Then choose the correct option.

1. Grass eating animals like Cows, Buffaloes, etc have broad molars to grind their food.
2. Herbivorous animals have big canines.
3. Carnivores have sharp canines and developed molars.
4. Front teeth of rodents always keep growing.

- a. TFFT
- b. FTTF
- c. TTTF
- d. FTTT

7. Choose the correct option for-

Beaks are used by birds for:

1. Pick grains and tear flesh
2. Fight and make their nests
3. Clean themselves and feed their young ones
4. Walking, running and swimming

- a. 1 and 2
- b. 1, 2 and 3
- c. 3 and 4
- d. All of these

8. Choose the correct option for-

Different kind of houses to live are built depending upon-

- 1. Climate
- 2. Building materials easily available
- 3. Economic conditions
- 4. Individual preferences

- a. 1 and 2
- b. 1, 2 and 3
- c. 3 and 4
- d. All of these

9. Observe one pair and choose the correct option to complete the second pair.

Biodegradable waste: peels of fruits and vegetables:: Non biodegradable waste: _____

- a. Plastic
- b. Clothes
- c. Paper
- d. Jute

10. Choose the correct option by reading both sentence 1 and 2.

Sentence 1: The method of making natural manure is called recycling.

Sentence 2: In this process, all non-biodegradable waste is dumped into a pit.

- a. Sentence 1 is correct but Sentence 2 is wrong.
- b. Sentence 1 is wrong but Sentence 2 is correct.
- c. Both Sentences 1 and 2 are correct.
- d. Both Sentences 1 and 2 are wrong.

Answer Keys:

Ques. 1	(d)	Ques. 6	(a)
Ques. 2	(b)	Ques. 7	(b)
Ques. 3	(d)	Ques. 8	(d)
Ques. 4	(a)	Ques. 9	(a)
Ques. 5	(c)	Ques. 10	(d)

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