

AOS

ASIAN OLYMPIAD SOCIETY

ASO

ASIAN SCIENCE OLYMPIAD 2020-2021

CLASS

5

INSTRUCTIONS AND INFORMATION FOR THE CANDIDATE

GENERAL

1. Do not open the booklet until told to do so by your teacher.
2. No calculators maths stencils, mobile phones or other calculating devices are permitted. Scribbling paper, graph paper, ruler and compasses are permitted, but are not essential.
3. Read the instructions on the answer sheet carefully. Ensure your name, school name and class are entered. It is your responsibility to correctly code your answer sheet.

THE ANSWER SHEET

1. Use an HB pencil or a Blue/Black ball point pen only to record your choice of answer in the Answer sheet.
2. Your answer sheet will be scanned. The optical scanner will attempt to read all markings even if they are in the wrong places, so please be careful not to write anything extra on the answer sheet.
3. If you want to change an answer or remove any marks, use a plastic eraser and be sure to remove all marks and smudges.
4. Fill your enrollment number clearly, improper enrollment number may lead to unavailability of result.
5. Please fill your Mobile Number clearly on the Answer Sheet, we will share your marks / result and other information related to AOS exams on your mobile number.
6. All questions are compulsory and there is no negative marking.
7. Return the ANSWER SHEET to the invigilator at the end of the exam.

INTEGRITY OF THE COMPETITION

The AOS reserves the right to re-examine students before deciding whether to grant official status to their score.

ENROLLMENT NUMBER : _____ CLASS : _____

STUDENT NAME : _____ Contact No : _____

1. Find the statement which is not true about seeds.
 - a) Gymnosperms have seeds enclosed in the ovary.
 - b) Embryo is the baby plant inside the seeds.
 - c) Germination is the process of growing baby plant from the embryo.
 - d) None of these

2. When baking soda is mixed with vinegar in a bottle, a gas is produced. Which kind of a change is this?
 - a) Physical change b) Chemical change c) both d) none

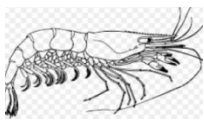
3. Air blown into a flute produces sound due to :
 - a) Vacuum produced in the flute b) cooling of air c) vibration of air d) heating of air

4. Elements contain
 - a) Atoms of different kind. b) Atoms of same kind.
 - c) Molecules of different kind. d) Different pattern of molecules.

5. What does food chain always start with ?
 - a) The herbivore b) The carnivore c) The producer d) The decomposer

6. How many chambers are there in the heart of a fish?
 - a) 1 b) 2 c) 3 d) 4

7. Choose the correct statement for the animal given below.















Lobster

- a) It is a vertebrate. b) It is the larva of a big snake.
 - c) It is an invertebrate. d) It is a bird.
8. Choose the correct statement from the following for the plant given below.



Rice plant

- a) Its lifespan is more than two years. b) It is a herb plant.
- c) It is a shrub plant. d) Its leaves are used as a cereal.

9. Identify the creatures based on the given characteristics.
- Hindlimbs are used to scratch the ground, catch the prey and attack enemies.
 - Forelimbs are modified to another body part.
- a)  b)  c)  d) 
10. From the images given below, identify the creature whose blood is red in colour.
- a)  b)  c)  d) 
11. Which among the following is correct?
- Sound do not need a medium to travel.
 - Speed of sound is more than that of light.
 - Sound can travel in air.
 - We can hear a sound when it is produced on moon.
12. Which among the following is not correct about image formed by a plane mirror?
- Size of the object and its image is same.
 - Image is formed behind the mirror.
 - Image formed is erect.
 - Image formed is smaller as compared to the size of the object.
13. Identify the animals from the given options based on the following characteristics.
- It has hairs on its body.
 - It lays eggs.
 - It feeds its young ones with its milk.
 - It has lungs for breathing
- a)  b)  c)  d) 
14. Which of the following animals give birth to their young ones?
A – whale , B – Kangaroo, C – Platypus, D – Kingfisher
- A and B only
 - B and C only
 - C and D only
 - C and A only
15. During the early stages of germination, the seedling gets food from the
- Cotyledons
 - Soil
 - Seed coat
 - Seed pores

Answer key

1 - a	2 - a	3 - c	4 - b	5 - c	6 - b	7 - c	8 - b	9 - b	10 - c	11 - c	12 - d	13 - b	14 - a	15 - a
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