

AOS

ASIAN OLYMPIAD SOCIETY

ATHO

ASIAN TALENT HUNT 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

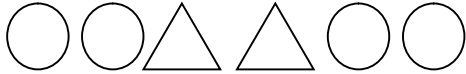
1. Use an HB pencil or a Blue/Black ball point pen only to record your choice of answer in the Answer sheet.
2. Your answer sheet will be scanned. The optical scanner will attempt to read all markings even if they are in the wrong places, so please be careful not to write anything extra on the answer 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. How many natural numbers are there divisible by 5 but not divisible by 2 and less than 50?
a) 5 b) 4 c) 3 d) 6
2. 2000 divided by which of the following numbers would yield a quotient between 10 and 20?
a) 98 b) 102 c) 201 d) 250
3. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times they toll together ?
a) 4 b) 10 c) 15 d) 16
4. Sum of five consecutive even numbers is 100. What is the average of those numbers.
a) 25 b) 22.5 c) 20 d) 23
5. Two supplementary angles differ by 90° . Find the measure of the smaller angle.
a) 30 b) 45 c) 50 d) 60
6. The perimeter of a rectangle is 24 cm. find the number of possible rectangles of different sizes. (square can be rectangle)
a) 4 b) 7 c) 6 d) 5
7. What is the ratio of the number of circles to triangles?

a) 4: 2 b)4:6 c) 3:2 d) 2:3
8. The sum of ages of 5 children born at an intervals of 3 years each is 50 years. What is the age of the youngest child?
a) 4 years b) 8 years c) 10 years d) 14 years
9. Bacteria and fungi are living because
a) They can reproduce b) they can grow c) they show movement d) all of these
10. Vermin composting involves the addition of :
a) Chemicals b) Earthworm c) Pesticides d) bacteria

11. What causes the shadow to change length during the day?
- a) Spinning of the Earth on its axis.
 - b) Movement of the Sun around the Earth.
 - c) Change in air temperature during the day.
 - d) Changes in the Sun's energy during the day.
12. Climber plants have special organ for climbing called____
- a) Cilia
 - b) spiracles
 - c) tendrils
 - d) tendons
13. Light year is the unit of __
- a) Distance
 - b) time
 - c) work
 - d) mass
14. Which of the following parts is modified into pitcher in a pitcher plant?
- a) Roots
 - b) Leaves
 - c) Nodes
 - d) Stem
15. Which one of the following is not a renewable source of energy?
- a) Solar energy
 - b) Water
 - c) Geothermal
 - d) Natural gas

Answer key

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