

AOS

ASIAN OLYMPIAD SOCIETY

ASO

ASIAN SCIENCE OLYMPIAD 2020-2021

CLASS

6

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. Read the given statements and select the correct option.
Statement 1 : The process of separation of lint and seeds from harvested cotton fibres is called ginning.
Statement 2 : Process of making yarn from fibres is called spinning.
- Both statements 1 and 2 are true and statement 2 is the correct explanation of statement 1.
 - Both statements 1 and 2 are true but statement 2 is not the correct explanation of statement 1
 - Statement 1 is true and statement 2 is false.
 - Both statements 1 and 2 are false
2. Select an incorrect reason for separating components of a mixture.
- To separate two or more different but useful components
 - To remove undesirable and useless components
 - To remove pure or harmless components
 - To obtain pure sample of a substance
3. Electric switch is a device which is used in
- Making of an electric circuit
 - Breaking of an electric circuit
 - Both (a) and (b)
 - Neither (a) nor (b)
4. We can recycle water by _____.
- Reusing the water from washing clothes to cook
 - Discharging factory waste into canals and seas
 - Discharging sewage and waste materials into the ocean
 - None of these
5. The two organisms which breathe only through their moist skin are
- Fish and frog
 - frog and earthworm
 - Prawn and earthworm
 - fish and earthworm
6. Observe the given processes 1 and 2 carefully.



Water boiling in a pan (Process 1) Water kept in an open shallow pan placed in the sun (Process 2)

Which of the following statements are correct?

- Bubbles are formed in process 1 while no bubble formation takes place in process 2.
 - Process 1 is slow while process 2 is fast.
 - Process 1 occurs at 100°C only while process 2 can occur at any temperature.
- I and II only
 - II and III only
 - I and III only
 - I, II and III
7. Given below are the four food components (P-S) and their corresponding sources.
- | | |
|----------------------------|-----------------------------|
| P – Meat, Fish, Egg | Q – Butter, Ghee, Margarine |
| R – Bread, Biscuit, Potato | S – Amla, Tomato, Orange |
- Select the incorrect statement regarding them.
- Deficiency of P causes marasmus in children whereas deficiency of Q causes kwashiorkor in adults.
 - Among P, Q, R and S, 1 gram of Q produces the maximum energy.
 - Excess of R gets stored in body cells and is used for production of energy whenever required.
 - Deficiency of S leads to a disease in which gums swell up and bleed.

8. Name the joint which exist between our skull and neck.
a) Hinge joint b) Ball and socket joint c) Pivot joint d) fixed joint
9. Rotation of Earth on its axis is an example of which type of motion?
a) Rectilinear motion b) Circular motion
c) Rotational motion d) Oscillatory motion
10. Name the plant whose leaves are modified to thin spines to reduce the loss of water through transpiration.
a) Water lily b) sugar plant c) cactus plant d) mango plant
11. Who of the following is correct?
Raj: Cooper has shiny appearance.
Raman : Iron has shiny appearance.
Rajesh : Wood has shine appearance.
a) Raj and Raman b) Raman and Rajesh
c) Raj and Rajesh d) All of these
12. In the following figure a disease caused due to mineral deficiency has been shown:
Which mineral deficiency causes this disease?
- 
- a) Calcium b) Phosphorus c) Iron d) Iodine
13. This is the special organ of a climber plant which helps the plant in climbing. Name the organ.
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- a) Tendril b) Lamina c) petiole d) Leaf blade
14. The kidneys in human beings are a part of the system for
a) Respiration b) nutrition c) excretion d) transportation
15. During which of the following activities, the breathing rate is lowest?
a) Eating b) Sleeping c) Walking d) Running

Answer key

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