

AOS

ASIAN OLYMPIAD SOCIETY

AMO

ASIAN MATHEMATICS OLYMPIAD 2020-2021

CLASS

3

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.

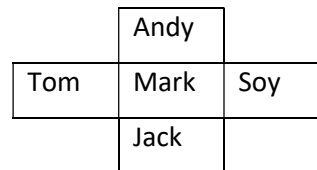
ENROLLMENT NUMBER : _____ CLASS : _____

STUDENT NAME : _____ Contact No : _____

1. Five students are standing in a park.

Mark is facing Soy

Who is standing behind Mark?



- a) Tom b) Soy c) Jack d) Andy

2. Kimi decided to start fishing at the morning high tide. She looked up the times for low tide and high tide that day.

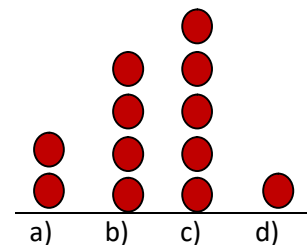
Low	3:20 am 0.18 m
High	9:01 am 1.40 m
Low	2:50 pm 0.31 m
High	9:30 pm 1.71 m

At what time should Kimi start fishing?

- a) 3:20 am b) 9:01 am c) 2:50 pm d) 9:30 pm

3. Lulu asked 12 friends what they had for lunch. She recorded the results as a dot. Two more friends had rice than salad.

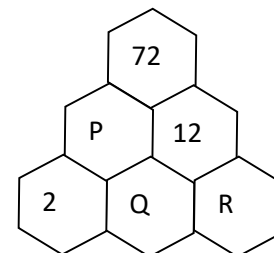
Which column shows the number of friends who had salad?



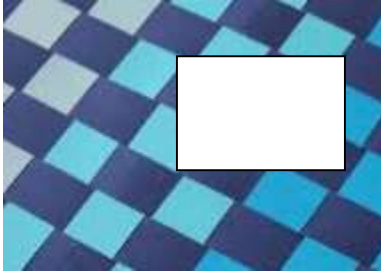
4. To obtain the numbers in each hexagon. Harry multiplied the numbers in the two hexagons directly below it.

What are the values of P, Q and R?

	P	Q	R
a)	6	3	4
b)	8	3	4
c)	6	4	3
d)	8	4	3



5. Loni cut a piece out of this square



Which of these is the cut- out piece.



6. Raj went shopping. On Monday he spent half of his money. On Tuesday he spent one-quarter of his remaining money. He was left with Rs.18. how much money did Raj begin with ?

a) Rs.48 b) Rs.72 c) Rs.108 d) Rs.144

7. Four luggage bags were weighed. What is the total mass of bag 1 and bag 3?

Bags	Weight
Bag 1, bag 2, bag 3	70 kg
Bag 1, bag 3, bag 4	75 kg
Bag 1, bag 2, bag 3, bag 4	100 kg

a) 25 kg b) 30 kg c) 45 kg d) 55 kg

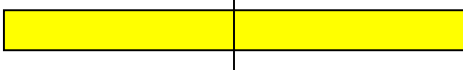



8. Four children collected shells on the beach. They put their shells in piles as shown. Who has more number of piles?

Child	Number of shells collected	Number of shells in each pile
John	27	3
Toyes	40	5
Lee	18	6
Sam	32	4

a) John b) Toyes c) Lee d) Sam

9. Mrs. Lony had 15 oranges. She cut each orange into quarters and give an equal number of quarters to each of her 5 students. How many orange quarters did each student get?

a) 3 b) 6 c) 10 d) 12

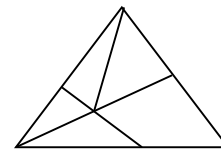
10. Berry had this piece of paper cutting 
 She folded it in half 
 Then Bunny folded it in half again and cut the folded paper in the middle as shown 
 How many pieces of paper this  length did Bunny have?

- a) 0 b) 2 c) 3 d) 4

11. What is the difference between the smallest natural and smallest whole number?

- a) 0 b) 1 c) 3 d) 4

12. Find the number of triangles in the figure given below.

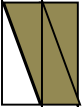


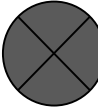


- a) 8 b) 9 c) 6 d) 14

13. Which among the following is the smallest number?

- a) 3 times of 111 b) 11 hundred c) 1 thousand d) 1 time of 1111

14. Which of the following figure has $\frac{2}{4}$ shaded part?

a)  b)  c)  d) 

15. Which among the following division has a remainder less than 3?

- a) $1002 \div 4$ b) $44 \div 7$ c) $317 \div 3$ d) all of these

Answer key

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