

AOS

ASIAN OLYMPIAD SOCIETY

ARAO

ASIAN REASONING & APTITUDE OLYMPIAD 2020-2021

CLASS

8

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.

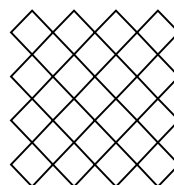
INTEGRITY OF THE COMPETITION

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. Two bus tickets from city A to B and three bus tickets from city A to C cost Rs.77, but three tickets from city A and B and two tickets from city A to C cost Rs.73. what are the fares for cities B and C from A?
 a) Rs.4, Rs.23 b) Rs.13, Rs.17 c) Rs.15, Rs.14 d) Rs.17, Rs.13
2. What number should come next in the series?
 0, 7, 26, 63, ?
 a) 124 b) 125 c) 93 d) 103
3. Find the odd one out
 a) MPRU b) FIKN c) RUVY d) JMOR
4. Find the term which is different from others .
 a) CDe b) YZa c) GHi d) STv
5. 947 is related to 49 16 81 in the same way as 862 is related to :
 a) 04 64 36 b) 36 64 04 c) 64 36 04 d) 04 36 64
6. A girl introduced a boy as the son of the daughter of the father of her uncle. How is boy related to girl?
 a) Brother b) Son c) Uncle d) Son-in-law
7. If the alphabets are written in reverse order after interchanging alphabets from 'D' to 'L' with those from 'R' to 'Z' respectively, which letter would be midway between W and E in the new order?
 a) Z b) N c) D d) no such letter
8. What comes next in the given sequence?
 208 CIV 52 XXVI ?
 a) 13 b) 20 c) 5 d) 37
9. Find the maximum number of diamonds in the given figure.



- a) 35 b) 39 c) 42 d) 40

10. Rishab is heavier than Ishan but lighter than Kishan. Vishnu is lighter than Kushal and Ishan. Aman is heavier than Arya but lighter than Vishnu. Kushal is not heavier than Ishan. Who is the heaviest?
a) Kishan b) Rishab c) Kushal d) Aman
11. The age of the father is twice the age of his two children. After 20 years, his age will be equal to the sum of the ages of his children. Find the age of the father.
a) 20 years b) 40 years c) 60 years d) 45 years
12. In a certain code 'TRIPLE' is written as SQHOKD. How is 'DISPOSE' written in that code?
a) DSOESPI b) ESOPSID c) CHRONRD d) CHRONRF
13. If $a : b = 2 : 3$ and $b : c = 4 : 3$, then find $a : b : c$.
a) $2 : 3 : 8$ b) $8 : 12 : 9$ c) $2 : 3 : 9$ d) $2 : 3 : 12$
14. Rohan wants to go his friend's home. He walks 50 m towards south and then turns left and walk 40 m then again turns to left and walks 50 m to reach his friend's home. What will be the shortest distance in which Rohan can reach his friend's home?
a) 10 m b) 20 m c) 30 m d) 40 m
15. Which number come next in the series
3, 7, 23, 59, ____.
a) 123 b) 112 c) 107 d) 75

Answer key

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