SCO International Science Olympiad

Total Questions - 35	Maximum Mark - 105	Duration - 1 hr
	Pattern and Marking Scheme	
No. of Questions	35	–
Marks Per Question	3	

Syllabus	International Science Olympiad (ISO) 2022-23 SET - AH 7
Grade 4	

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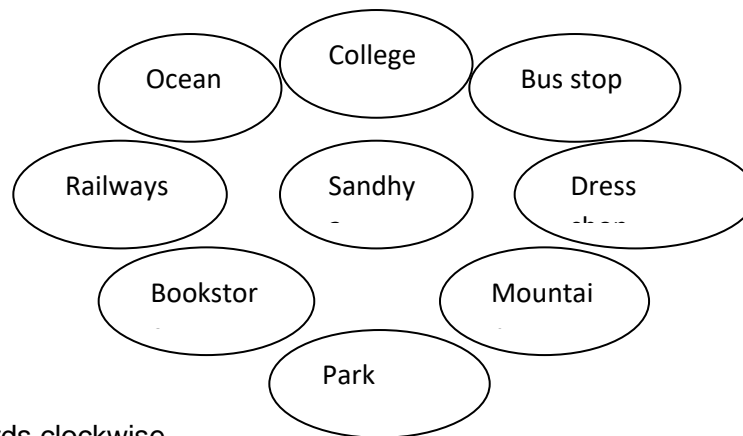

Total Questions: 35 | Time: 1 hr.

Guidelines for the Candidate

1. You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
2. Write your Name, School Code, Class, Roll No. and Mobile Number clearly on the OMR Sheet and do not forget to sign it. We will share your marks / result and other information related to Olympiad exams on your mobile number.
3. The Question Paper comprises sections: reasoning ,subjective, achievers section
4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
5. There is only ONE correct answer. Choose only ONE option for an answer.
6. To mark your choice of answers by darkening the circles on the OMR Sheet, use HB Pencil or Blue / Black ball point pen only
7. Rough work should be done in the blank space provided in this booklet.
8. Return the OMR Sheet to the invigilator at the end of the exam.
9. Please fill in your personal details in the space provided on this page before attempting the paper.

SCO International English Olympiad 2022-23

1. The positions of the second and the third digits in the number 94864106 are interchanged. Similarly, the positions of the first and the fourth digits are interchanged. Which of the following will be the second to the left of the sixth digit from the right after the rearrangement?
   a. 6
   b. 8
   c. 4
   d. 9

2. Sandhya is facing towards east. She makes ½ turn to her right and then ¾ turn in anti-clockwise direction. Now, if she wants to face towards the college, then what turn will she make from the given options?
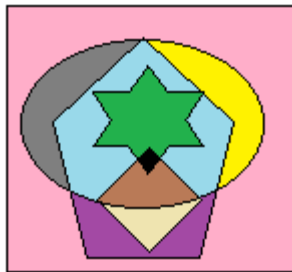

   a. 3/8 towards clockwise
   b. ¼ towards anticlockwise
   c. 6/8 towards right
   d. 1/3 towards left

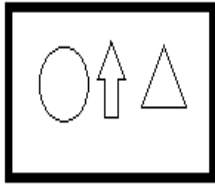3. If the given clock is 30 minutes slow, then the Correct time after forty five minutes will be -------

   a. 7:15
   b. 6:00
   c. 5:45
   d. 7:00

4. Which of the following numbers will continue the given series?
   80, 77, 71, 62 ?
   a. 85
   b. 50
   c. 58
   d. 55

5. If ROCKET is written
   as #+@!$& and WATER is ~_&$# then how will POWER be written?
   a. (+`$#
   b. *+&#@
   c. *+~$#
   d.)+$@!

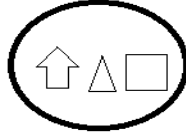6. Which of the following options is not found in the given figure?

   a.

   b.

   c.

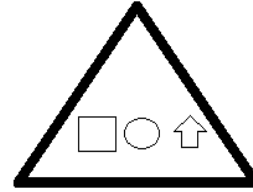
   d.

7. Find the odd one out.

| (a) | (b) | (c) | (d) |

   a. d
   b. b
   c. a
   d. c

8. Select a number from the options which will replace the question mark, if a certain rule is followed in the numbers.

Set 1

12	9
7	14

Set 2

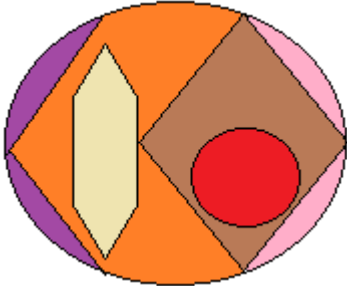| 21	3
12	12

Set 3

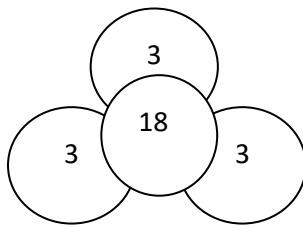| ?	6
18	16

   a. 21
   b. 28
   c. 18
   d. 12

9. Arrange the following words according to dictionary arrangement.
   1. Deride 2. Decisive 3. Decode 4. Demonetize 5. Derange

   a. 12345
   b. 32145
   c. 23514
   d. 23451

10. Some letters are given which are numbered 1,2,3,4,5 and 6 followed by four options containing combination of these numbers. Find the combination of numbers so that letters arranged accordingly form a meaningful word. F A O F D R
   a. 314625
   b. 241365
   c. 365214
   d. 531426

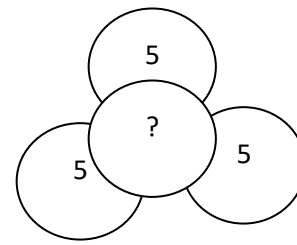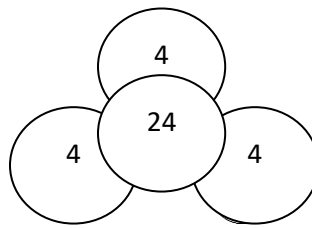11. Agalya's birthday falls just day before 3rd Wednesday of September. The day Agalya celebrates her birthday is --------------

   a. 21
   b. 22
   c. 20
   d. 14

12. Select the odd one out.
   a. A
   b. V
   c. W
   d. O

13. If 'land' is called 'mountain', 'mountain' is called 'ocean', 'ocean' is called 'forest' and 'forest' is called 'sky', then if someone wants to travel in a ship what would he choose?
   a. mountain
   b. ocean
   c. forest
   d. sky

14. Ramya is taller than Ranju. Ranju is taller than Priya but smaller than Divya. Which of the following is the correct order of their height from the smallest to the tallest?
   a. Divya, Ranju, Priya, Ramya

b. Ramya, Ranju, Priya, Divya
c. Ramya, Priya, Ranju, Divya
d. Divya, Priya, Ranju, Ramya

15. In a recital competition, there are 5 finalists.
    Kiruthika: She is just after Brindha
    Poorani: She has only one behind her
    Akshaya: She is not the first
    Sarithra: She is just before Poorani
    -------------- stood at the first position.
    a. Kiruthika
    b. Brindha
    c. Sarithra
    d. Poorani

16. How many lines are there in the given figure?

    a. 11
    b. 10
    c. 15
    d. 12

17. Rani walks towards east. After some distance she takes a left turn and again after some distance she takes a right turn. In which direction she will be facing now?
    a. North
    b. South
    c. East
    d. West

18. How many probabilities are there for picking up 1 dress and 1 cap from 5 dresses and 3 caps?
    a. 6
    b. 9
    c. 12
    d. 15

19. Study the pattern carefully. What number does the letter A represents?

a. 30
b. 40
c. 50
d. 60

20. What is the missing number in the given series?

22		15		32		11		8
45		31		?		23		17

a. 16
b. 61
c. 63
d. 36

21. ------------ is the centre layer of the earth.
   a. Mantle
   b. Core
   c. crust
   d. Marble

22. -------------- is an example of fibrous root.
   a. Carrot
   b. Onion
   c. Wheat
   d. Potato

23. Planting trees to form a forest is called --------------
   a. afforestation
   b. deforestation
   c. Incubation
   d. Inoculation

24. -------------------- is not the function of the shoot system.

a. photosynthesis
b. Anchorage
c. reproduction
d. growth

25. ------ is the total number of milk teeth.
a. 32
b. 20
c. 12
d. 26

26. ------------- pumps the blood to all the parts of the body.
a. brain
b. bone
c. heart
d. lungs

27. There are ---------- bones in the human body.
a. 402
b. 206
c. 226
d. 464

28. A -------------- looks after heart related problems.
a. Cardiologist
b. Neurologist
c. Orthopaedic
d. Dentist

29. Read the statement and choose the correct option.
Statement A: Oxygen is needed for the fuel to burn
Statement B: Carbon dioxide causes the fuel to burn
a. Statement A is correct but B is false
b. Statement B is correct but A is false
c. Both the statements are wrong
d. Both the statements are true

30. The earth completes one rotation in -----------
a. One year
b. One month
c. One week
d. One day

31. Nisha dissolved some salt in water. She obtained salty water. What are the solute and the solvent in this experiment?

a. Salt is the solute and Water is the solvent
b. Water is the solute and Salt is the solvent
c. Salt is the solute and Salty water is the solvent
d. Water is the solute and Salty water is the solvent

32. Which of the following is a renewable source of energy?
    a. Petrol
    b. Coal
    c. Sun
    d. Biomass

33. How many types of major pollutions are there?
    a. One
    b. Three
    c. Five
    d. Four

34. Which one among the following is an air borne disease?
    a. Typhoid
    b. COVID 19
    c. Cholera
    d. Diarrhoea

35. The Ashoka chakra in the national flag has ----- strokes in it.
    a. 12
    b. 24
    c. 36
    d. None of these

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