

SMART SOCIETY INTERNATIONAL SCIENCE OLYMPIAD (SSISO)



Organized by

Department of Basic Science and Humanities

INSTITUTE OF ENGINEERING & MANAGEMENT,

IEM-UEM GROUP and SMART SOCIETY, USA

TOTAL QUESTIONS: 35

DURATION: 1 HOUR

INSTRUCTIONS TO THE CANDIDATES:

1. The question booklet is divided into 3 sections.
Section A – Logical Reasoning (10 Questions)
Section B - Science (10 Questions)
Section C – Advanced Science (15 Questions)
2. In section A, each question carries 2 marks. In Section B, each question carries 2 marks. In section C, each question carries 4 marks.
3. All questions are compulsory. There is no negative marking. Use of a calculator is not permitted.
4. There is only one correct answer.
5. To mark your choice of correct answer, tick it by using an HB pencil.
6. Submit the question booklet to the invigilator.
7. Rough work should be done in the blank space provided at the end of the booklet.
8. Please fill in your personal details in the space provided below.

NAME:

SCHOOL NAME:

CONTACT DETAILS OF GUARDIAN:

SECTION A

LOGICAL REASONING

1. A, C, E, G, ?
a) H b) I
c) J d) K
2. Find the odd one out: 2, 4, 5, 6
a) 2 b) 4
c) 5 d) 6
3. Find the odd one out: A, E, I, G
a) A b) E
c) I d) G
4. Which container can hold the most water?
a) Cup b) Glass
c) Bottle d) Bucket
5. What do we use to measure the length of a pencil?
a) Kilogram b) Centimeter
c) Liter d) Gram
6. Which container has less capacity?
a) Tea cup b) Water bottle
c) Jug d) Bathtub
7. Fill in the blanks with the correct option shown below



8. Which object is shaped like a rectangle?
a) Ball b) Door
c) Ice-cream cone d) Plate
9. Which one of these does not belong to the group?
a) Dog b) Cat
c) Lion d) Car
10. Dog is to Bark as Cat is to:
a) Meow b) Roar
c) Sing d) Growl

SECTION B

SCIENCE

11. Which one does not belong to the group?
a) Fish b) Shark
c) Dolphin d) Eagle
12. What is the process of water turning into vapor called?
a) Evaporation b) Condensation
c) Precipitation d) Filtration
13. Triangle is to 3 sides as Rectangle is to:
a) 2 sides b) 3 sides
c) 4 sides d) 5 sides
14. Which shape is flat and has no sides?
a) Triangle b) Circle
c) Cube d) Rectangle
15. Which of the following is a living thing?
a) Stone b) Tree
c) Car d) Toy

16. Which of the following is a non-living thing?
 a) Dog b) Butterfly
 c) Rock d) Flower
17. Which of the following is different from the rest?
 a) Rabbit b) Fish
 c) Flower d) Laptop
18. What do plants need to grow?
 a) Water b) Soil
 c) Sunlight d) All of the above
19. What do we call the colorful part of the plant that attracts bees and butterflies?
 a) Leaves b) Roots
 c) Flowers d) Stems
20. Which part of the plant absorbs water and nutrients from the soil?
 a) Leaves b) Flowers
 c) Roots d) Stems
24. Which of the following is a basic need of human beings?
 a) Entertainment b) Shelter
 c) Fashion d) Technology
25. Which of the following is a way to keep our body healthy?
 a) Eating junk food
 b) Exercising regularly
 c) Sleeping less
 d) Watching TV all day
26. Which of the following is a good habit?
 a) Eating junk food
 b) Brushing your teeth twice a day
 c) Not washing your hands
 d) Skipping breakfast
27. Which of the following is a safety rule when crossing the road?
 a) Run quickly across the road
 b) Look both ways before crossing
 c) Ignore traffic signals
 d) Walk on the road

SECTION C

ACHIEVER'S LEVEL

21. 2 is to 4 as 3 is to:
 a) 6 b) 5
 c) 9 d) 7
22. Which of the following animals is a mammal?
 a) Crocodile b) Sparrow
 c) Whale d) Salmon
23. What do we call animals that eat both plants and meat?
 a) Herbivores b) Carnivores
 c) Omnivores d) Insectivores
28. What should you do before eating?
 a) Jump around
 b) Wash your hands
 c) Play outside
 d) Watch TV
29. Look at the picture. What is happening to the water in the picture?



- a) Freezing b) Evaporating
- c) Condensing d) Melting

30. What is air?

- a) A liquid that we drink
- b) A gas that we breathe
- c) A solid that we touch
- d) A liquid that we swim in

31. What is the biggest star in our solar system?

- a) The Moon b) The Sun
- c) Mars d) Jupiter

32. What is the Earth's natural satellite called?

- a) The Sun b) The Moon
- c) Mars d) Jupiter

33. What is the process of water falling from the sky as rain, snow, or hail called?

- a) Evaporation b) Condensation
- c) Precipitation d) Filtration

34. Select an incorrect pair.

- a) Hot day- leather Jacket
- b) Sunny day- Sunglasses
- c) Cold day- Hot coffee
- d) Rainy day – Rain coat

35. Your school bus stops when traffic signal shows _____ light.

- a) Red b) Yellow
- c) Green d) Pink

Space for rough work