



**SOF NATIONAL  
SCIENCE OLYMPIAD**

Total Questions : 35

Time : 1 hr.

PATTERN & MARKING SCHEME			
Section	(1) Logical Reasoning	(2) Science	(3) Achievers Section
No. of Questions	5	25	5
Marks per Ques.	1	1	2

**SYLLABUS**

**Section – 1 :** Spatial Understanding, Grouping, Measuring Units, Analogy, Geometrical Shapes, Patterns, Odd One Out, Ranking Test.

**Section – 2 :** Living and Non-living things, Plants, Animals, Human Beings and Their Needs, Good Habits and Safety Rules, Air and Water, Weather and the Sky.

**Section – 3 :** Higher Order Thinking Questions - Syllabus as per Section – 2.

**LOGICAL REASONING**

1. Choose the CORRECT option to replace the “?” in the given figure series.

- (A) 1                      (B) 3  
(C) 4                      (D) 5



2. Which item is the heaviest?

- (A)                       (B)                       (C)                       (D) 

3. Select the odd one out.

- (A)                       (B)                       (C)                       (D) 

**SCIENCE**

4. Look at the picture and complete the following sentence.  
Always cross the road at \_\_\_\_\_ crossing.

- (A) Horse  
(B) Zebra  
(C) Footpath  
(D) Traffic



5.  is a living thing because \_\_\_\_\_.

- (A) It grows    (B) It can make more money plants  
(C) It breathes    (D) All of these

6.  are the seeds of \_\_\_\_\_.

- (A) Wheat                      (B) Rice                      (C) Rajma                      (D) Corn

7. I am green and small. I can make you cry. I am a \_\_\_\_\_.  
 (A) Pea (B) Chilli (C) Ladyfinger (D) Spinach

8. Unscramble the words given below to get the name of the home of the animal shown in the figure.

'ATSLBE'

- (A) Ebstla (B) Tebsla  
 (C) Stable (D) Belsta



9. Select the correct option.

(A)  lives in water.

(B)  cannot fly.

(C)  has eight legs.

(D)  is the largest living animal.

10. Which part of our body helps us to hear a bell?

- (A) Eye (B) Nose (C) Ear (D) Tongue

11. The picture shows that our house keeps us safe from

- (A) The heat of the Sun  
 (B) Rain  
 (C) Cold  
 (D) Strong winds



12. Which of the following statements is INCORRECT?

- (A) We cannot feel air but we can see it. (B) Moving air is called wind.  
 (C) Air takes up space. (D) All of these

13. Choose the correct sequence of words to complete the paragraph given below.

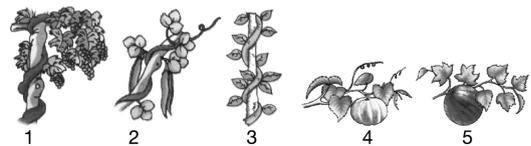
Summer days are \_\_\_\_\_ while winter days are \_\_\_\_\_. A strong wind blows on \_\_\_\_\_.  
 Monsoon days are \_\_\_\_\_.

- (A) Cold, hot, a windy day, rainy (B) Rainy, cold, a hot day, windy  
 (C) Hot, cold, a windy day, rainy (D) Windy, hot, a rainy day, cold

### ACHIEVERS SECTION

14. Which among the following are creepers?

- (A) 1, 2, 3  
 (B) 4, 5  
 (C) 1, 4, 5  
 (D) 1, 2, 3, 4 and 5



15. Richa did an activity as shown here. She observed bubbles coming out of the glass. What does this activity show?

- (A) The empty glass is filled with air.  
 (B) Water displaces air in the glass.  
 (C) Air comes out of the water in the form of bubbles.  
 (D) All of these



She took an empty glass.



She tilted the glass and slowly pushed it down into a tub of water.

### ANSWERS

NSO – 1. (C) 2. (B) 3. (C) 4. (B) 5. (D) 6. (D) 7. (B) 8. (C) 9. (B) 10. (C) 11. (B) 12. (A) 13. (C) 14. (B) 15. (D)