



**SOF NATIONAL CYBER OLYMPIAD**

**SYLLABUS**

**Section – 1 :** Patterns, Analogy and Classification, Coding-Decoding, Mirror Images, Embedded Figures, Alphabet Test, Ranking Test, Grouping of Figures, Figure Matrix, Geometrical Shapes, Days and Dates & Possible Combinations.

**Section – 2 :** Fundamentals of Computer, General Information about Computers, Storage Devices, Parts of Computer, Uses of Computer, Input and Output Devices, Introduction to Internet, MS-Paint, Introduction to MS-Word (Opening, Closing, Saving and Printing a Word document, Components of MS-Word window, Editing commands like Cut, Copy, Paste, Undo and Redo, Moving in a document using Home and End Keys), Latest Developments in the field of IT.

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

**Questions are based on Windows 7 and MS-Office 2010.**

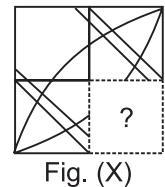
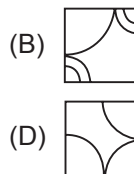
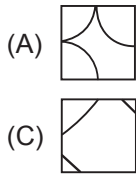
Total Questions : 35

Time : 1 hr.

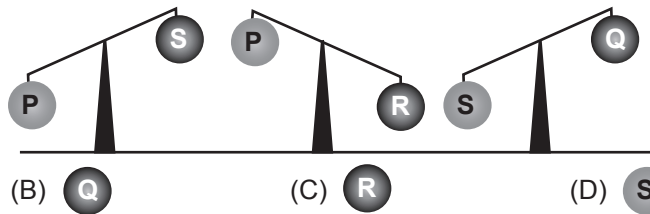
PATTERN & MARKING SCHEME			
Section	(1) Logical Reasoning	(2) Computers & IT	(3) Achievers Section
No. of Questions	5	25	5
Marks per Ques.	1	1	2

**LOGICAL REASONING**

1. Which of the following options will complete the pattern in Fig. (X)?



2. Which is the heaviest ball?



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

3. If 'Star' is called 'Sun', 'Sun' is called 'Moon', 'Moon' is called 'Earth' and 'Earth' is called 'Comet', then man lives on \_\_\_\_\_.

- (A) Star (B) Moon (C) Earth (D) Comet

**COMPUTERS AND INFORMATION TECHNOLOGY**

4. Which of the following icons is used to draw circle in MS-Paint of Windows 7?









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

5. Which of the following is an input device?

- (A) (B) (C) (D) Both (A) and (B)

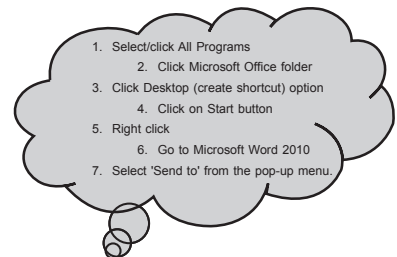
6. Select the INCORRECT match of brushes in MS-Paint of Windows 7 with their corresponding names.

- (A) – Marker (B) – Natural pencil (C) – Calligraphy brush 1 (D) – Watercolor brush

7. Select the odd one out.  
 (A) Opera Mini      (B) Bing      (C) Safari      (D) Internet Explorer
- 
8. Which of the following statements about a computer is NOT correct?  
 (A) You can watch movies on it.      (B) You can solve your sums on it.  
 (C) You can play games on it.      (D) You can cook food with it.
- 
9. The key that erases characters towards the left is \_\_\_\_\_.  
 (A)       (B)       (C)       (D) 
- 
10. Find the odd term out.  
 (A) Keyboard      (B) Mouse      (C) Monitor      (D) Joystick
- 
11. The control unit of the computer controls the \_\_\_\_\_.  
 (A) Working of the computer keyboard      (B) Flow of electricity within the computer  
 (C) Flow of data in the computer  
 (D) Performance of all arithmetic and logical operations
- 
12. MS-Paint is a Windows program that is used for \_\_\_\_\_.  
 (A) Calculations      (B) Writing letters  
 (C) Drawing purposes      (D) Preparing presentations
- 
13. Which of the following is NOT an example of search engine?  
 (A)       (B)       (C)       (D) 

### ACHIEVERS SECTION

14. Alia wants to create a shortcut for MS-Word 2010, so that she can quickly access it. But she does not know the correct sequence of steps required to follow to create a desktop shortcut. Help her by rearranging the given steps in the CORRECT order.  
 (A) 4 → 1 → 2 → 6 → 5 → 7 → 3  
 (B) 1 → 2 → 4 → 7 → 3 → 6 → 5  
 (C) 4 → 3 → 2 → 7 → 1 → 5 → 6  
 (D) 6 → 1 → 5 → 7 → 2 → 4 → 3



15. Identify the following.
- It is a device that converts textual data into spoken sentences.
  - It is used to read the text information to blind persons.
  - It translates the entered text into spoken words.



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SPACE FOR ROUGH WORK

### ANSWERS

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