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SOF NATIONAL CYBER OLYMPIAD

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

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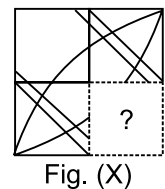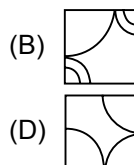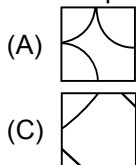**Questions are based on Windows 7 and MS-Office 2010.**

LOGICAL REASONING

1. Which option will complete the Fig. (X)?

(A)

(B)

(C)

(D)

Fig. (X)

2. shows group of 5 trees, and shows group of 5 houses. Which of the following figure shows 10 houses surrounded by 20 trees ?

(A)

(B)

(C)

(D)

3. If $\oplus$ means +, $\odot$ means – , $\underset{\perp}{\varphi}$ means > , $\overline{\circ}$ means <, then which of the following is NOT true?

(A) $2 \oplus 5 \, \underset{\perp}{\varphi} \, 4$ (B) $5 \odot 3 \, \overline{\circ} \, 7$ (C) $10 \oplus 5 \, \underset{\perp}{\varphi} \, 5$ (D) $4 \odot 2 \, \underset{\perp}{\varphi} \, 7$

COMPUTERS AND INFORMATION TECHNOLOGY

4. Which of the following icons is used to draw perfect 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
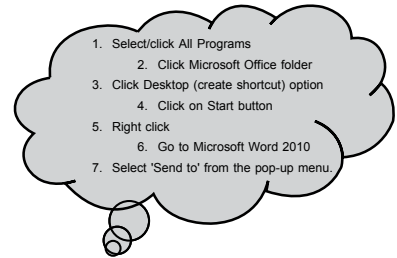
7. represents which part of computer?

(A) Keyboard   (B) Mouse   (C) CD   (D) CPU

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) ◄—Backspace   (B) Delete   (C) Enter ◄—┘   (D) Spacebar

10. Find the odd term out.
(A) Keyboard   (B) Mouse   (C) Monitor   (D) Joystick

11. is also called _____.

(A) VDU   (B) CPU   (C) ALU   (D) CU

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) Google   (B) facebook   (C) bing   (D) YAHOO!

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

1. Select/click All Programs
2. Click Microsoft Office folder
3. Click Desktop (create shortcut) option
4. Click on Start button
5. Right click
6. Go to Microsoft Word 2010
7. Select 'Send to' from the pop-up menu.

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.

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

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SPACE FOR ROUGH WORK

ANSWERS

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