



Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME				
Section	(1) Logical Reasoning	(2) Computer Science	(3) AI, Robotics and Information Technology	(4) Achievers Section
No. of Questions	10	30	5	5
Marks per Ques.	1	1	1	3



Scan the QR code for more details

**SYLLABUS**

**Section – 1 :** Verbal and Non-Verbal Reasoning.

**Section – 2 :** Fundamentals of Computers, Algorithms & Flowcharts (Advanced symbols), HTML & CSS [Html, Head, Title, Body (Attributes: Background, Bgcolor, Text, Link, Alink, Vlink), Font (Attributes: Color, Size, Face), Center, BR, HR (Attributes: Size, Width, Align, Noshade, Color), Comment tag(<!-- -->), <H1>..<H6>, <P>, <B>, <I>, <U>, <IMG>, Html Elements: A, Ul and Ol (Attributes: Type, Start, Lij), Flash CS6, MS-Access, Networking, MS-Word (Exploring File tab, Language and Translate options, Tracking features -Comments, Reviewing Pane, Tracking Changes, Comparing, Combining and Protecting documents, Working with References), MS-PowerPoint (Exploring File tab and Slide Show tab, Comparing, Combining and Protecting presentations), MS-Excel(Exploring File tab, Useful Formulas and Functions - IF,Even, Odd, LCM, GCD, Power, Product, Round, Sqrt, Sum, Min, Max, Average, Count, Upper, Lower And Replace, Cell referencing, Using Defined Names group ), Memory & Storage Devices, Number System (Introduction), Cyber Safety, Operating Systems(Introduction, Features, Types-single user and multi-user).

**Section – 3 :** AI, Robotics, IT Gadgets, Devices, Apps, Computerization, and other Developments in the Field of IT.

**Section – 4 :** Higher Order Thinking Questions - Syllabus as per Sections 2 and 3.

Questions are based on Windows 10 and MS-Office 2016.

**LOGICAL REASONING**

1. Select the correct mirror image of the given word, if the mirror is placed vertically to the right.

L e O P A r D

- (A) D r A P O e L      (B) D r A P O e L  
(C) D r A P O e L      (D) D r A P O e L

2. Select a figure from the options, which satisfies the same conditions of the placement of the dots as in Fig. (X).

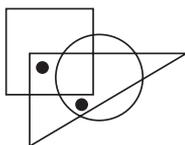
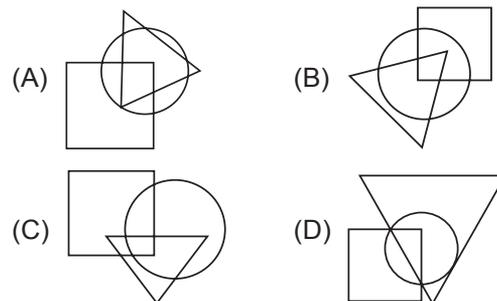


Fig. (X)



3. How many 7s are there in the following series which are preceded by even number and followed by odd number?

8 7 6 7 8 6 7 5 6 7 9 7 6 1 6 7 7 6 8 8 6 9 7 6 8 7

- (A) None      (B) One  
(C) Two      (D) Three

**COMPUTER SCIENCE**

4. Which of the following is not available as a category in Control Panel of Windows 10?  
(A) System and Security  
(B) Network and Internet  
(C) Bluetooth Settings  
(D) Ease of Access

5. The function of given icon in MS-Word 2016 is \_\_\_\_\_.  
(A) To mark the document as final



- (B) To insert an index into the document  
(C) Merge document to PDF files  
(D) Insert Flash video

6. CSS is used to style an HTML document. Here, CSS stands for \_\_\_\_\_.  
(A) Computer Style Sheets  
(B) Combined Sheet Styles  
(C) Common Sheet Styles  
(D) Cascading Style Sheets

## AI, ROBOTICS AND INFORMATION TECHNOLOGY

7. \_\_\_\_\_ refers to the simulation of human intelligence in machines that are programmed to think and act like humans.
- (A) Artificial intelligence
  - (B) Biometric
  - (C) Bio-technology
  - (D) All of these
8. Which of the following operating systems is used in air traffic control systems, robots and missile systems?
- (A) Real Time OS
  - (B) Multitasking OS
  - (C) Batch OS
  - (D) Distributed OS

### ACHIEVERS SECTION

9. Which of the following statements hold(s) true about telnet?
- Statement 1 : It allows to connect to remote computers.
- Statement 2 : It only allows to buy and sell online products.
- (A) Only Statement 1
  - (B) Only Statement 2
  - (C) Both Statement 1 and Statement 2
  - (D) Neither Statement 1 nor Statement 2
10. Select the incorrect statement(s) about single user operating system.
- (A) It is useful for a computer intended to run multiple users at once.
  - (B) It is used by only one user at a time.
  - (C) Both (A) and (B)
  - (D) None of these

SPACE FOR ROUGH WORK

### ANSWERS

ICSO – 1. (B) 2. (C) 3. (D) 4. (C) 5. (A) 6. (D) 7. (A) 8. (A) 9. (A) 10. (A)