



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 Computer, Number System, Operating System, MS-Word, Networking, MS-PowerPoint, MS-Excel, HTML & CSS, Cyber Safety, Database Management System(Functions, Types, MS-Access), Using Windows 10, Programming in Scratch, Programming in Python 3.11 (as of December 2022).

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.

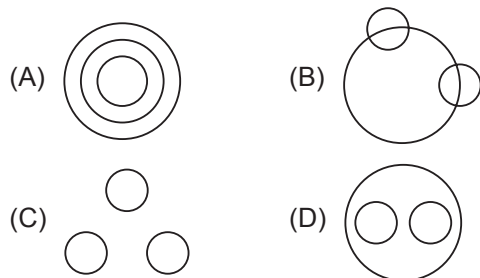
LOGICAL REASONING

1. Q, R, S, T, U and V are seated in a straight line facing North. S is second to the right of T and T is second to the right of Q. R is to the left of Q and second to the left of V.

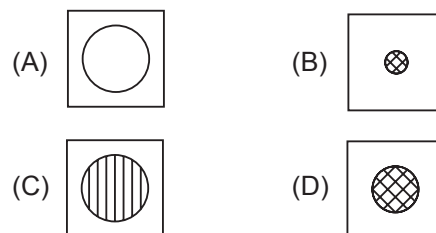
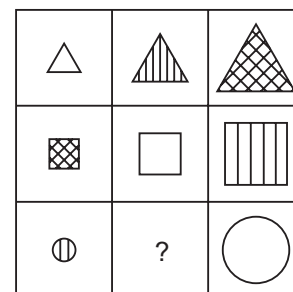
What is Q's position with respect to S?

- (A) Third to left (B) Fourth to left
(C) Second to left (D) Fifth to left

2. Which of the following Venn diagrams best represent the relationship amongst, "Petals, Bouquet and Flowers"?



3. Select a figure from the options which will complete the given figure matrix.



COMPUTER SCIENCE

4. Which of the following tasks is performed by utility software?
- (A) Helps you to backup data
(B) Removes outdated files or recover data that has been accidentally erased
(C) Avoid or clean virus
(D) All of these

5. CSS comments starts with _____ and ends with _____.
- (A) /*, */
(B) **, //
(C) ^/, /
(D) None of these

6. Which of the following options of Settings windows in Windows 10 allows to do time and language related changes?



(D) Both (A) and (B)

AI, ROBOTICS AND INFORMATION TECHNOLOGY

7. Which of the following options is the second stage of AI project cycle?

- (A) Data Exploration
- (B) Problem Scoping
- (C) Data Acquisition
- (D) Data Modelling



8. Which of the following services is not offered by Google?



ACHIEVERS SECTION

9. Match the icons given in column I with their descriptions given in column II with respect to MS-Excel 2016.

Column I

Column II



(i) Custom Views



(ii) Normal View



(iii) Page Break Preview

- (A) (a)-(iii), (b)-(ii), (c)-(i)
- (B) (a)-(ii), (b)-(iii), (c)-(i)
- (C) (a)-(i), (b)-(iii), (c)-(ii)
- (D) (a)-(i), (b)-(ii), (c)-(iii)

10. Select the incorrect match with respect to number system.

- (A) $(4)_8 = (011)_2$
- (B) $(5)_8 = (101)_2$
- (C) $(6)_8 = (110)_2$
- (D) $(3)_8 = (011)_2$

SPACE FOR ROUGH WORK

ANSWERS

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