

INTERMEDIATE PART-I (11<sup>TH</sup> CLASS)

## COMPUTER SCIENCE PAPER-I (New Scheme)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS:15

**Note:** You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number. On bubble sheet, use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) Transferring a file from a remote computer to a local computer is called:  
 (A) Uploading                      (B) Downloading                      (C) Server Sharing                      (D) Down Sizing
- (2) Communication between computer and keyboard involves the transmission:  
 (A) Full-Duplex                      (B) Half – Duplex                      (C) Simplex                      (D) Automatic
- (3) The device \_\_\_\_\_ uses parallel transmission.  
 (A) Mouse                      (B) Keyboard                      (C) Light Pen                      (D) Printer
- (4) The fly-by-wire system is used in:  
 (A) Medical Field                      (B) Airline system                      (C) Education                      (D) Farming
- (5) The program that contains instructions to operate a device is called:  
 (A) Device Driver                      (B) Device Operator                      (C) Device Linking                      (D) Device System
- (6) The component of CPU, which is responsible for interacting with RAM, is:  
 (A) Register                      (B) Hard Disk                      (C) ALU                      (D) Control Unit
- (7) Another name for free software is:  
 (A) Encrypted software                      (B) Copy protected software                      (C) Public domain software                      (D) Shareware
- (8) A person who gains illegal access to a computer system is:  
 (A) Worm                      (B) Network Controller                      (C) Computer Operator                      (D) Hacker
- (9) The folder, which contains administrative tools, is:  
 (A) Installer                      (B) Control Panel                      (C) Debugger                      (D) Linker
- (10) Moving up or down in word processing document is called:  
 (A) Scrolling                      (B) Word-wrap                      (C) Line movement                      (D) Pull-down
- (11) The actual working area in Microsoft Excel is:  
 (A) Workbook                      (B) Worksheet                      (C) Database                      (D) Lotus-123
- (12) The computers on internet that contain websites are called:  
 (A) Central Computers                      (B) Site Computers                      (C) Clients                      (D) Web Servers
- (13) The electronic circuit that executes computer instructions is called:  
 (A) Keyboard                      (B) C.P.U.                      (C) Monitor                      (D) Hard Disk
- (14) Soft copy refers to:  
 (A) Screen output                      (B) Peripheral device                      (C) OCR                      (D) Printed output
- (15) The top most layer of OSI Model is:  
 (A) Session                      (B) Transport                      (C) Presentation                      (D) Application

INTERMEDIATE PART-I (11<sup>TH</sup> CLASS)

COMPUTER SCIENCE PAPER-I (New Scheme)

TIME ALLOWED: 2.10

SUBJECTIVE

MAXIMUM MARKS: 60

NOTE: Write same question number and its part number on answer book, as given in the question paper as given in the question paper.

SECTION-I

Q.No. 2 Attempt any six parts. 6 x 2 = 12

- (i) Define the term Information Technology.
- (ii) Give any two examples of Hardware Components.
- (iii) What is the purpose of Central Processing Unit (C.P.U.)?
- (iv) Write down any two benefits of Computer Network.
- (v) Differentiate between uploading and downloading.
- (vi) Write the function of Physical layer of OSI Model.
- (vii) Define Digital signal.
- (viii) Differentiate between Serial Transmission and Parallel Transmission.
- (ix) How does a Modem work?

Q.No. 3 Attempt any six parts. 6 x 2 = 12

- (i) What is video conferencing?
- (ii) How computers can be used in Banks?
- (iii) Explain weather forecasting.
- (iv) What is the role of main memory in computer system?
- (v) Name two categories of programming languages.
- (vi) What is the concept of memory address?
- (vii) How does instruction pointer register work?
- (viii) Write two activities of control unit.
- (ix) What is the role of antivirus software?

Q.No. 4 Attempt any six parts. 6 x 2 = 12

- (i) How Recycle Bin is useful in Windows?
- (ii) Write two uses of Start Button in Windows 2000.
- (iii) How many Primary and Extended Partitions can be created on basic disk?
- (iv) Define Line and Paragraph Spacing in MS-Word.
- (v) How Macro in MS-Word is helpful for us?
- (vi) List any two advantages of Spreadsheets.
- (vii) What is active cell in MS-Excel?
- (viii) Define Web Browser.
- (ix) Name two schemes used for identifying computers on networks and internet.

SECTION-II

NOTE:- Attempt any three questions of the following:-

8 x 3 = 24

5. Discuss four source data entry devices which are given below:

2+2+2+2=8

- (i) Barcode Reader.
- (ii) MICR.
- (iii) Smart Card.
- (iv) Digital Camera.

6. Define Computer Network. Discuss different types of network models.

2+2+2+2=8

7. Define data communication. Explain basic components of communication system.

2+1+1+1+1+2=8

8. Define System Bus. Discuss different Types of System Buses.

2+2+2+2=8

9. Explain four causes of Computer Virus.

2+2+2+2=8