

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 circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank.

1. 1 - How many worksheets are contained in a workbook by default?
(A) 3 (B) 4 (C) 5 (D) 6
- 2 - An operating system is a
(A) system utility (B) application software (C) system software (D) software package
- 3 - FormatC is an example of
(A) Trojan horse (B) Redlof (C) Worm (D) Logic bomb
- 4 - How many types of language translators are there?
(A) 1 (B) 2 (C) 3 (D) 4
- 5 - Which communication medium requires line-of-sight?
(A) microwave (B) fibre-optic (C) twisted pair (D) coaxial
- 6 - The topology used for a small number of computer is called
(A) star (B) bus (C) mesh (D) ring
- 7 - Which of the following is used to get voice output?
(A) speaker (B) mic (C) plotter (D) printer
- 8 - .com, .edu and .gov are examples of
(A) top level domain (B) tag (C) protocol (D) e-mail
- 9 - Which of the following is not a type of page margin?
(A) left (B) right (C) center (D) top
- 10 - Which of the following is not an antivirus program?
(A) Redlof (B) Norton (C) Dr. Solman (D) McAfee
- 11 - Which one is the fastest?
(A) RAM (B) cache (C) hard disk (D) register
- 12 - Most applications of robotics are in which area?
(A) cooking (B) manufacturing (C) teaching (D) farming
- 13 - Which of the following technique uses modulation?
(A) bandwidth (B) broadband (C) baseband (D) bitband
- 14 - The process of transferring a file from remote computer to local computer on network is called
(A) downloading (B) browsing (C) uploading (D) pasting
- 15 - Which of the following is not an example of system software
(A) operating system (B) utility program (C) drivers (D) Microsoft office

20/11/18

Note: Section I is compulsory. Attempt any Three (3) questions from Section II.

(SECTION – I)

2 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|---|
| i - Describe briefly touch screen. | vi - What is FTP? |
| ii - Write any two differences between softcopy and hardcopy. | vii - Define the digital signal. |
| iii - What is meant by plotter? | viii - Distinguish between serial transmission and parallel transmission. |
| iv - Briefly discuss the workgroup computing? | ix - State the purpose of external modem. |
| v - List any two benefits of computer networks. | |

3 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|---|--|
| i - Define desktop publishing. | vi - Why data transfer instructions are used? |
| ii - Write two benefits of computer aided learning. | vii - Define stack pointer. |
| iii - What is computer simulation? | viii - Why does machine language program execute faster? |
| iv - List four general purpose registers. | ix - Define software piracy. |
| v - Write two activities performed by control unit. | |

4 - Write short answers to any SIX questions.

(2 x 6 = 12)

- | | |
|--|---|
| i - What is extended partition? | vi - Write the use of spreadsheet program. |
| ii - How we can manage files and folders? | vii - How a cell is identified in a worksheet? |
| iii - What is the use of My Computer folder? | viii - What is the use of HTML for WWW? |
| iv - How Undo and Redo commands are used? | ix - Which types of files can be attached to E-mail messages? |
| v - How do you make the selected text italic in MS-Word? | |

(SECTION – II)

- 5 - What is Impact printer? Explain Dot-matrix and Daisy-wheel printer? (2+3+3 = 8)
- 6 - What is computer network? Discuss different network models. (2+2+2+2 = 8)
- 7 - What is Guided Media? Write in detail twisted pair and coaxial cable. (2+3+3 = 8)
- 8 - What is I/O unit? Write in detail two ways to transfer data from peripherals (Interrupts and DMA). (2+2+2+2 = 8)
- 9 - Define computer virus. Also explain any three causes of computer viruses briefly. (2+2+2+2 = 8)

Guj-11-18