COMPUTER SCIENCE PAPER-I (NEW SCHEME)

OBJECTIVE

TIME ALLOWED: 20 Minutes

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. 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 questions on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) A collection of raw facts and figures is called:
(A) Data (B) Information (C) Processing (D) Computing

(2) Hardware is best described as:
(A) Program (B) Physical parts (C) Procedure (D) Hard copy

(3) Each computer on a network is called:
(A) Link (B) Code (C) Node (D) Mode

(4) Which is communication device?
(A) Router (B) USB (C) CD (D) Ethernet

(5) Frequency is measured in:
(A) Sec (B) BPS (C) Volts (D) Hertz

(6) BCD is _____ bit code.
(A) 2 (B) 3 (C) 4 (D) 8

(7) CU stands for:
(A) Control unit (B) Cache unit (C) Calculating unit (D) Com unit

(8) ALU has _____ units.
(A) 1 (B) 2 (C) 3 (D) 5

(9) The secret word used for data protection is:
(A) Biocham (B) Backup (C) Password (D) P.C

(10) A computer virus is a:
(A) Disease (B) Software (C) hardware (D) Bacteria

(11) CBT stands for:
(A) Computer based trade (B) Computer basic training
(C) Certificate based trade (D) Computer based training

(12) Windows operating system was developed by:
(A) Sun system (B) Microsoft (C) Hewlett (D) JAVA

(13) Shortcut key to save a file in MS-Word is:
(A) Ctrl + S (B) Alt + S (C) Ctrl + F (D) Alt + F

(14) How many worksheets are in a workbook by default?
(A) 1 (B) 2 (C) 3 (D) 4

(15) Which of the following is internet protocol?
(A) TCP / IP (B) IEEE (C) MAC (D) SNA

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OMPUTER SCIENCE PAPER-I (NEW SCHEME)

IME ALLOWED: 2.10 Hours   **SUBJECTIVE**   MAXIMUM MARKS: 60

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

SECTION-I

$6 \times 2 = 12$

.No.2   Attempt any six parts.

(i)   List primary components of Computer System.

(ii)   Describe relationship between Hardware and Software.

(iii)   Write the use of trackball.

(iv)   List four basic units of data storage.

(v)   What is the difference between ISDN and DSL?

(vi)   Which two topologies are combined to make a tree topology?

(vii)   What is the use of Network Interface Card?

(viii) Define Email attachment.

(ix)   Write the role of ISP.

$6 \times 2 = 12$

Q.No.3   Attempt any six parts.

(i)   Define Encoder.

(ii)   How data is represented in Memory?

(iii)   What is Broadband?

(iv)   Write any two benefits of video conferencing.

(v)   What is electronic banking?

(vi)   List two advantages of word processor over typewriter.

(vii)   What is meant by editing a MS-Word document?

(viii) Define Worksheet.

(ix)   Differentiate between Active cell and Passive cell.

$6 \times 2 = 12$

Q.No.4   Attempt any six parts.

(i)   What is Bus Interconnection?

(ii)   Define General Purpose Register.

(iii)   Describe the role of Memory Management.

(iv)   What is Stack Pointer Register?

(v)   Define System Bus.

(vi)   Describe Computer Virus.

(vii)   What is Data Protection?

(viii) Differentiate between Primary partition and Extended Partition.

(ix)   What is the role of Windows Explorer?

SECTION-II

$3 \times 8 = 24$

NOTE: - Attempt any three questions.

5. Differentiate between impact and non-impact printers.

6. Explain the working of Ring topology with diagram. Also discuss its advantages and disadvantages.

7. Define Signal. Explain the types of signal in data communication.

8. What is bus interconnections? Write the functions of control bus, data bus and address bus.

9. What is backup of data and its purpose? Also discuss different types of backup.