Computer Science (Objective)

RWP-24

Time: 20 Minutes   Marks : 15

Note: Write Answers to the Questions on the objective answer sheet provided. Four possible answers A, B, C and D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or Pen ink on the answer sheet provided.

1.1 The register that is used for arithmetic and data operation is:

(A) AX   (B) BX   (C) CX   (D) DX

2. The program that contains instructions to operate a device is called:

(A) Device driver   (B) Device operator   (C) Device linking   (D) Device system

3. Which virus executes when starting the computer?

(A) Logic bomb   (B) Boot sector   (C) Redlof   (D) Trojan horse

4. Windows operating system was developed by:

(A) Sun system   (B) HP   (C) Microsoft   (D) IBM

5. Which of the following is a Word Processor?

(A) MS-Excel   (B) MS-Power Point   (C) MS-Outlook   (D) MS-Word

6. If the custom format is #, # # # then 1500 will be displayed as:

(A) 15,00   (B) 1,500   (C) 15,000   (D) 150,0

7. Which of the following is a correct formula?

(A) $= A1 \ and \ A4$ (B) $+A1 \ and \ A4$ (C) $= A1 + A4$ (D) $A1 + A4$

8. The length of IP address is:

(A) 64 bit   (B) 32 bit   (C) 16 bit   (D) 8 bit

9. Smallest unit of memory is:

(A) Byte   (B) Bit   (C) Character   (D) Word

10. Which technology is used to read data on cheques?

(A) OMR   (B) OCR   (C) CAT   (D) MICR

11. Total number of layers in OSI model is:

(A) 6   (B) 7   (C) 8   (D) 9

12. A connection for similar network uses:

(A) NIC   (B) Bridge   (C) Gateway   (D) Router

13. Collection of 8 bits is called:

(A) Bit   (B) Byte   (C) KB   (D) Nibble

14. How many characters ASCII 7 bit code represents?

(A) 128   (B) 256   (C) 512   (D) 1024

15. CBT software is used in:

(A) Business   (B) Industry   (C) Education   (D) E-banking

841-11-A

Computer Science (Subjective)

RWP-24

SECTION-I

(6x2=12)

2. Write short answers of any six parts from the following:

i. Convert 230 MB into bits.

ii. What is physical design in SDLC?

iii. Write down two advantages of collaborative computing.

iv. How frequency of analog signals is calculated / measured?

v. How data is transmitted in bus topology?

vi. You are a field worker & you have to use the internet on the go; which modem will you use and why?

vii. Why gateway is used?

viii. What is TCP / IP?

ix. How a star network is constructed?

(6x2=12)

3. Write short answers of any six parts from the following:

i. Write an important responsibility of I/O unit.

ii. What is the purpose of MAR(Memory Address Register)?

iii. State the purpose of data transfer instructions.

iv. Enlist two parts of instruction format.

v. How does virus spread through email?

vi. What do you mean by data protection?

vii. Which type of damage is caused by Chernobal virus?

viii. What is domain name system?

ix. Write any two limitations on email.

(6x2=12)

4. Write short answers of any six parts from the following:

i. What do you mean by word wrap?

ii. What is WYSIWYG?

iii. Differentiate between line spacing and paragraph spacing.

iv. What three options are included in page formatting?

v. Write the formula for calculating the average of cells A5 , B5 and C5.

vi. What is the difference between relative and absolute cell reference?

vii. Write a function that returns the square root of cell B5.

viii. What are function arguments?

ix. Write the formula to subtract the value of Cell "B5" of worksheet "sheet 5" with the cell "C7" of current worksheet.

SECTION-II

(8x3=24)

Note: Answers any three questions from the following:

5. What is impact printer? Discuss different types of impact printer. (2+2+2+2=8)

6. What is data transmission mode? Explain its types with example. (4+4=8)

7. Briefly explain the use of computer in education field. (8)

8. What is ROM? Explain its three types. (2+2+2+2=8)

9. Write any four features of Windows 2000 operating system. (2+2+2+2=8)