

Roll No _____

HSSC-(P-I)-A/2024
(For All Sessions)

Marks : 60

Computer Science (Subjective)

Time: 2:10 hours

SECTION-I

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

(6x2=12)

- Convert 230 MB into bits.
- What is physical design in SDLC?
- Write down two advantages of collaborative computing.
- How frequency of analog signals is calculated / measured?
- How data is transmitted in bus topology?
- You are a field worker & you have to use the internet on the go; which modem will you use and why?
- Why gateway is used?
- What is TCP / IP?
- How a star network is constructed?

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

(6x2=12)

- Write an important responsibility of I/O unit.
- What is the purpose of MAR(Memory Address Register)?
- State the purpose of data transfer instructions.
- Enlist two parts of instruction format.
- How does virus spread through email?
- What do you mean by data protection?
- Which type of damage is caused by Chernobal virus?
- What is domain name system?
- Write any two limitations on email.

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

(6x2=12)

- What do you mean by word wrap?
- What is WYSIWYG?
- Differentiate between line spacing and paragraph spacing.
- What three options are included in page formatting?
- Write the formula for calculating the average of cells A5 , B5 and C5.
- What is the difference between relative and absolute cell reference?
- Write a function that returns the square root of cell B5.
- What are function arguments?
- Write the formula to subtract the value of Cell "B5" of worksheet "sheet 5" with the cell "C7" of current worksheet.

SECTION-II

Note: Answers any three questions from the following:

(8x3=24)

- What is impact printer? Discuss different types of impact printer.
- What is data transmission mode? Explain its types with example.
- Briefly explain the use of computer in education field.
- What is ROM? Explain its three types.
- Write any four features of Windows 2000 operating system.

(2+2+2+2=8)

(4+4=8)

(8)

(2+2+2+2=8)

(2+2+2+2=8)

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