এম. এ. তৃতীয় সেমেস্টার (দূরশিক্ষা) পাঠ্যক্রম পরীক্ষা-২০১৯
বিষয় ঃ বাংলা
পত্র ঃ **CSK-I (CBCS-New)**
পূর্ণমান ঃ ৩৫
সময় ঃ ২ ঘন্টা

The questions are of equal value
Answer any Five (5) questions: 5x7=35

1. a. What is Mainframe Computer? Give one example of it?
    b. Define 'Mid-Range' Computer with one example?
    c. Discuss the merits and demerits of a digital Computer?   (2+2+3=7)

2. a. With a neat diagram explain the function of each and every part of CPU of a digital computer.
    b. Distinguish between 'Volatile' and 'Non-Volatile' memories with example.   (5+2=7)

3. a. Define Operating System with an example and down its key function.
    b. Discuss the Low level Computer language with the salient features of each class.   (2+2+3=7)

4. a. Explain the following Computer Generation with their key characteristics, Time-line
        i)   2nd Generation Computers
        ii) 4th Generation Computers (Give examples of each of the generations)
    b. Write down the full form of the following terms
        i)   BIOS   ii) DVD-RW   (2.5+2.5+2=7)

5. Discuss the salient features of following I/O devices (any two)
        i)   Keyboard   ii) Plotter   iii) Monitor   iv) OMR   (3.5+3.5=7)

6. a. What is Data Communication? Discuss the different modes of data transmission.
    b. Explain the function of the following networking devices
        i) Switch   ii) Repeater   (3+4=7)

7. a. Define algorithm. Write some characteristics of algorithm.
    b. What is Flow Chart? Write down the merits and demerits of Flow Chart.   (3+4=7)

8. a. What is Ms-Word?
    b. Discuss the 'CUT', 'COPY' and 'PESTE' procedures of Ms-words with shortcut keys?
    c. What is the difference between 'SAVE' and 'SAVE AS' in Ms-Word document?
    d. Write down the step to affix a image into a document in Ms-Word?   (1+3+2+1)

9. a. What is meant by 'Worksheet' and 'Workbook'? How many default Worksheets are present in a Workbook?
    b. Explain the following Ms-Excel function with syntax and examples (any two)
        i) IF   ii) POWER   iii) AVERAGE   iv) UPPER

10. a. Discuss the different types of software.
    b. What is Open source software? Give two example of it.

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