# 2023

# INFORMATION TECHNOLOGY

(Multi Disciplinary Course)

Paper : ICT-MDC-0100603

*(Information and Communication Technologies-I)*

Full Marks: 45                                      Time: 2 hours

1. Tick (✓) the correct answer.                                      1×5=5

    a)   What is the full form of CPU?
         i) Computer Processing Unit          ii) Computer Principle Unit
         iii) Central Processing Unit          iv) Control Processing Unit

    b)   Which of the following is the smallest unit of data in a computer?
         i)  Bit                                        ii) KB
         iii) Nibble                                  iv) Byte

    c)   Which of the following is used in main memory?
         i)  SRAM                                   ii) DRAM
         iii) PRAM                                  iv) DDR

    d)   An online operation of bank account is an example of --
         i)  E-governance                       ii) E-business
         iii) E-learning                          iv) E-mail

    e)   ......................... is a method by which a document or data is addressed
         on the web. (Fill in the blank)
         i) URL                                      ii) TCP/IP
         iii) Modem                                iv) Internet

2. Answer any five of the following questions :                                      2×5=10

    a)   What is Software and what is Hardware?
    b)   What is Input and Output device? Give example of Office.

                                                              P.T.O.

c) What is RAM and ROM?

d) What is operating system? Write the features of the operating system.

e) What is URL?

f) Write the difference between

   a) Undo and Redo

   b) Save and Save as.

g) What is primary memory?

h) What is system software?

i) What is application software?

j) What is IP address?

3. Answer any four of the following :                    4×5=20

   a) What is computer? Describe the different characteristics of computer.

   b) What is computer? Describe briefly the classification of computer on basis of size and workload.

   c) What is software? Discuss briefly the different types of software.

   d) Draw the block diagram of a computer system? Explain briefly the various input and output units.

   e) What is CPU? Write short notes on their components.

   f) Discuss the impact of ICT on our society.

   g) What is the difference between web page and web site?

   h) Discuss the functions of a computer.

4. Answer any one of the following :                    1×10=10

   a) What is Internet, describe the different services of internet and also discuss briefly the advantage of Internet.

   b) What is storage unit or memory? Describe the difference between the characteristic of primary and secondary memory.

   c) What is e-mail and what are the features of an E-mail?

   d) Write an essay on different types of computer.

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