BMD161104

Roll No. of candidate

2017
B. Des. 1st Semester End-Term Examination
(Old Regulation)

COMPUTER FUNDAMENTALS AND OPERATION

Full Marks – 100   Time – Three hours

The figures in the margin indicate full marks for the questions

PART-A

1. **Answer any *ten* questions.**   10 x 3 =30
   a)   What is digital computer?
   b)   What is ROM?
   c)   What is a compilers?
   d)   What is computer network?
   e)   What is net surfing?
   f)   Define algorithm?
   g)   What is URL?
   h)   What is HTML?
   i)   What is a search engine?
   j)   What do you mean by E-commerce?
   k)   What is the function of memory?

PART-B

2. **Answer any *five* questions.**   5x8=40

   a) Write a note on machine language and high level language.
   b) List out some important characteristics of a computer.
   c) Explain different types of output devices.
   d) Explain about the different types of network topologies with proper diagram.
   e) Differentiate between RAM and ROM.
   f) Convert the following:

   i) 11010111.1 binary number to its decimal equivalent
   ii) 276 decimal number to its octal equivalent

PART-C

3. Answer any *three* questions.   3 x 10=30

    a) Discuss the important features of various generations of computers. Give some examples of each generations.

    b) Discuss the classification of computer in detail.

    c) What is flowchart? Discuss the different symbols used in flowchart with diagram.

    d) Explain various types of networks. Explain about any two types of network device.

****