(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 150219   Roll No.☐☐☐☐☐☐☐☐☐☐☐

B. PHARMA

Theory Examination (Semester-II) 2015-16

COMPUTER FUNDAMENTALS AND PROGRAMMING

Time : 3 Hours   *Max. Marks : 100*

Section-A

1.   Attempt all parts of this question.   ($8 \times 2\frac{1}{2} = 20$)

(a)   Define system software.

(b)   What is an instance and schema of the database?

(c)   What is NAND Gate? Write down truth table of NAND Gate.

(d)   Differentiate between data and information.

(e)   What is the function of ALU And CU in the CPU?

(f)   Name some of the commonly used output devices.

WWW.UPTUNOTES.COM

(g) Write the acronym for EBCDIC and ASCII.

(h) Write down the principle of duality.

Section-B

2. Attempt any five parts of this question. [10×5=50]

(a) Draw the block diagram of computer. Explain its all parts in detail.

(b) Define operating system. Write down the different functions of it in brief.

(c) Write down any ten internal and external commands of MS-DOS with their syntax.

(d) Write down the important functions used in MS Excel-2003. Explain any five of them.

(e) Write a short note on Mail Merge.

(f) Write down the different generations of Computer. Explain in detail.

(g) Differentiate between MS-DOS and UNIX operating system.

(h) Differentiate between file system and DBMS.

Section-C

Note : Attempt any two parts of this question.   (2×15=30)

3.   Write down the steps to make a document in MS Word-2003.

4.   What is network topology? Explain the different types of it in detail.

5.   Write down the application of computer in pharmaceutical and clinical studies.