PY–102

B. Pharm. (First Semester) EXAMINATION, Dec., 2011

(Grading/Non-Grading)

COMPUTER APPLICATIONS

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Time : Three Hours

Maximum Marks : 70

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) Explain the differences between the following : 7

    (i) Hardware and Software

    (ii) Low level and High level language

  (b) Explain any *two* input devices. 7

2. (a) Explain primary memory and secondary memory. 7

  (b) What are optical disks ? How is the storage capacity of an optical disk determined ? 7

3. (a) Explain the syntax and use of the following DOS commands : 7

    (i) CHKDSK

    (ii) FORMAT

    (iii) REN

    (iv) TYPE

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  (b) Explain windows operating system. What are the Basic elements of windows. 7

4. (a) What is mail merge ? What are its advantages ? 7

  (b) Explain Data sort and Data filters in MS Excel. 7

5. (a) Explain various data types in 'C'. Also discuss about the operators of 'C'. 7

  (b) Explain the following control structures of 'C' with examples : 7

    (i) Switch statement

    (ii) Do while

    (iii) If else

6. (a) Explain the difference between call by value and call by reference by taking suitable examples. 7

  (b) Draw a flow chart to find whether the number is prime or not. 7

7. (a) Give a brief overview of ISO OSI reference model. 7

  (b) Explain token bus and token ring protocol. 7

8. Write short notes on any *two* of the following : 14

  (i) Algorithms

  (ii) Unix operating system

  (iii) Presentation packages

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