June 2017
Bachelor of Computer Application (BCA) Examination
IV Semester

(Unix operating system)

Time 3 Hours]   [Max. Marks 50

Note : *Attempt all the five questions. Solve any two parts from each question. All questions carry equal marks.*

1. (a) Describe the Unix System with its architecture diagram.
   (b) Explain applications of Unix OS with reference to its features.
   (c) Explain following commands :
       (i) cd   (ii) ls   (iii) chmode (iv) mv   (v) cp.

2. (a) Explain features and use of Bourne Shell.
   (b) Which is the command used for pattern matching ? *
   (c) Explain the following command :
       (i) tee   (ii) lp   (iii) comm   (iv) cal   (v) who.

3. (a) Explain the following filters :
       (i) uniq   (ii) fgrep   (iii) sort.
   (b) What do you mean by system process ?
   (c) Explain use of following command :
       (i) cut   (ii) wait   (iii) tr.

4. (a) What are System Variables ?
   (b) How will you run jobs periodically in Unix System ?
   (c) Write down the structure for 'if statement.

5. (a) What is difference between user and super user ?
   (b) How will you copy files to floppy ?
   (c) Is Unix OS secure ? Explain.