Code No: 07A3EC17 R07 Set No. 2

II B.Tech I Semester Examinations,MAY 2011
UNIX AND SHELL PROGRAMMING
Common to Information Technology, Computer Science And Engineering
Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. (a) Use awk command and check its exit status. When is it result zero? When it is non zero? Check both cases.

   (b) Use a command to show the value of all environmental variables in the shell.
   [8+8]

2. (a) Demonstrate korn with suitable example and sketch the process flow chart.

   (b) Sketch the categories of patterns, explain the expression patterns.   [8+8]

3. What is meant by recursive behavior of a command? Name four commands, along with a suitable examples of each ,that can operate recursively.   [16]

4. (a) What is the purpose of using the system call lseek? Explain with an example.

   (b) Explain the following commands with an example:

      i. umask
      ii. opendir.   [8+8]

5. Explain the following decision making procedures using awk shell scripts with examples:

   (a) If then else

   (b) Nested if

   (c) Case statements.   [5+5+6]

6. Differentiate an interactive and non interactive shell with suitable examples.   [16]

7. In Unix, how do you set the default protection to newly created directories and files? Explain with suitable examples.   [16]

8. How grep works? Explain with any eight examples.   [16]

⋆ ⋆ ⋆ ⋆ ⋆

R07

Set No. 4

II B.Tech I Semester Examinations,MAY 2011
UNIX AND SHELL PROGRAMMING
Common to Information Technology, Computer Science And Engineering
Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. How grep works? Explain with any eight examples.   [16]

2. What is meant by recursive behavior of a command? Name four commands, along
   with a suitable examples of each ,that can operate recursively.   [16]

3. (a) Demonstrate korn with suitable example and sketch the process flow chart.
   (b) Sketch the categories of patterns, explain the expression patterns.   [8+8]

4. In Unix, how do you set the default protection to newly created directories and
   files? Explain with suitable examples.   [16]

5. (a) What is the purpose of using the system call lseek? Explain with an example.
   (b) Explain the following commands with an example:
       i. umask
       ii. opendir.   [8+8]

6. Differentiate an interactive and non interactive shell with suitable examples.   [16]

7. (a) Use awk command and check its exit status. When is it result zero? When it
       is non zero? Check both cases.
   (b) Use a command to show the value of all environmental variables in the shell.
                                                                             [8+8]

8. Explain the following decision making procedures using awk shell scripts with ex-
   amples:
   (a) If then else
   (b) Nested if
   (c) Case statements.   [5+5+6]

⋆ ⋆ ⋆ ⋆ ⋆

2

Code No: 07A3EC17   **R07**   **Set No. 1**

II B.Tech I Semester Examinations,MAY 2011
UNIX AND SHELL PROGRAMMING
Common to Information Technology, Computer Science And Engineering
Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. (a) Demonstrate korn with suitable example and sketch the process flow chart.
   (b) Sketch the categories of patterns, explain the expression patterns.   [8+8]

2. Differentiate an interactive and non interactive shell with suitable examples.   [16]

3. (a) What is the purpose of using the system call lseek? Explain with an example.
   (b) Explain the following commands with an example:
       i. umask
       ii. opendir.   [8+8]

4. What is meant by recursive behavior of a command? Name four commands, along
   with a suitable examples of each ,that can operate recursively.   [16]

5. In Unix, how do you set the default protection to newly created directories and
   files? Explain with suitable examples.   [16]

6. (a) Use awk command and check its exit status. When is it result zero? When it
       is non zero? Check both cases.
   (b) Use a command to show the value of all environmental variables in the shell.
                                                                                [8+8]

7. Explain the following decision making procedures using awk shell scripts with ex-
   amples:
   (a) If then else
   (b) Nested if
   (c) Case statements.   [5+5+6]

8. How grep works? Explain with any eight examples.   [16]

⋆ ⋆ ⋆ ⋆ ⋆

3

II B.Tech I Semester Examinations,MAY 2011
UNIX AND SHELL PROGRAMMING
Common to Information Technology, Computer Science And Engineering
Time: 3 hours   Max Marks: 80
Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. Differentiate an interactive and non interactive shell with suitable examples.   [16]

2. (a) Demonstrate korn with suitable example and sketch the process flow chart.
   (b) Sketch the categories of patterns, explain the expression patterns.   [8+8]

3. (a) What is the purpose of using the system call lseek? Explain with an example.
   (b) Explain the following commands with an example:
      i. umask
      ii. opendir.   [8+8]

4. In Unix, how do you set the default protection to newly created directories and files? Explain with suitable examples.   [16]

5. What is meant by recursive behavior of a command? Name four commands, along with a suitable examples of each ,that can operate recursively.   [16]

6. How grep works? Explain with any eight examples.   [16]

7. (a) Use awk command and check its exit status. When is it result zero? When it is non zero? Check both cases.
   (b) Use a command to show the value of all environmental variables in the shell.   [8+8]

8. Explain the following decision making procedures using awk shell scripts with examples:
   (a) If then else
   (b) Nested if
   (c) Case statements.   [5+5+6]

⋆ ⋆ ⋆ ⋆ ⋆

4