

Code No: **R41057**

R10

Set No. 1

IV B.Tech I Semester Supplementary Examinations, October/November - 2017

OPEN SOURCE SOFTWARE

(Common to ECE, CSE, IT & E.Com.E)

Time: 3 hours**Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks

- | | | |
|---|---|------|
| 1 | a) What does shell represent in Linux? | [5] |
| | b) Name and describe some shells found in Linux systems. | [5] |
| | c) How do you find out which shell you are using in your account? | [5] |
| 2 | a) What are the capabilities like Redirection, Parameter Expansion done in Linux shell? | [8] |
| | b) List out some of the signals used by Linux? What signals does Linux cannot ignore? | [7] |
| 3 | Write short notes on MySQL Group By Clause, UNION keyword, IN clause, BETWEEN Clause, DATE and Time Function. | [15] |
| 4 | a) What are nested functions? Give example to describe the multiple return values from a function. | [8] |
| | b) Write about fopen() and fclose() functions. | [7] |
| 5 | a) How data is inserted using PHP Script? Explain. | [8] |
| | b) How do you retrieve and format data in MySQL database? | [7] |
| 6 | a) How are dynamic strings created? | [5] |
| | b) What are the basic operations of dictionaries? | [5] |
| | c) What is a list? How do you append lists using indexing? | [5] |
| 7 | a) How does operator overloading work in Python? | [8] |
| | b) Describe about Python methods – Instance and class. | [7] |
| 8 | a) What commands are used for positioning inside a file? | [8] |
| | b) What loop control statements used in Perl? Give their description. | [7] |