

H.T.No. 

--	--	--	--	--	--	--	--	--	--

Code No: IT1505

GEC-R14

III B. Tech I Semester Regular Examinations, November 2016

**OPEN SOURCE SOFTWARE**

(Open Elective and Common to All Branches)

Time: 3 Hours

Max. Marks: 60

**Note:** All Questions from **PART-A** are to be answered at one place.

Answer any **FOUR** questions from **PART-B**. All Questions carry equal Marks.

**PART-A**

**6 × 2 = 12M**

1. Define Open Source Software. List any 4 examples.
2. Define scheduling in Linux. List the different scheduling policies.
3. Describe the datatypes of MySQL.
4. List any 4 functions for generating summary in MySQL.
5. Demonstrate the variable creation in PHP.
6. Explain the process of sending an E-Mail with PHP.

**PART-B**

**4 × 12 = 48M**

1. a) Distinguish between Open Source and Proprietary Software. (6M)  
b) List the principles of Open Source Software. (6M)
2. a) Explain in detail about Kernel Mode and User Mode (8M)  
b) Explain about Personalities in Linux. (4M)
3. a) Describe the process of creating an Account in MySQL. (6M)  
b) Explain different String functions in MySQL with examples. (6M)
4. a) Define Sequence in MySQL? Explain the implementation of Sequences with examples. (8M)  
b) Explain sorting in MySQL with suitable example. (4M)
5. a) Explain the types of arrays in PHP with examples. (8M)  
b) Write a PHP Program that illustrates the creation of function. (4M)
6. a) Write a PHP Program to create a table, insert the records and retrieve the data using MySQL. (6M)  
b) Explain how Security and Templates can be implemented using PHP. (6M)

\*\*\*\*\*