



Register Number: .....

**B.E DEGREE EXAMINATIONS: NOV/DEC 2014**

(Regulation 2009)

Sixth Semester

**COMPUTER SCIENCE AND ENGINEERING**

CSE121: Open Source Software

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. A compiler translates a program written in a high-level language into
  - a) Machine language
  - b) An algorithm
  - c) A debugged program
  - d) Natural language
2. Most commercial software programs enjoy a form of intellectual property protection called
  - a) Open source
  - b) Patent
  - c) Copyright
  - d) Trademark
3. With SQL, how do you select all the columns from a table named "Persons"?
  - a) SELECT \* FROM Persons
  - b) SELECT Persons
  - c) SELECT [all] FROM Persons
  - d) SELECT \*.Persons
4. Which of these commands will delete a table called XXX if you have appropriate authority?
  - a) DROP XXX
  - b) DROP XXX WHERE confirm = "YES"
  - c) DELETE XXX WHERE confirm = "YES"
  - d) DROP TABLE XXX
5. PHP files have a default file extension of \_\_\_\_\_
  - a) .html
  - b) .xml
  - c) .php
  - d) .ph
6. What will be the output of the following php code?
  1. <?php
  2. \$num = 1;
  3. \$num1 = 2;



- b) (i) Summarize the advantages and disadvantages of open source software. (7)
- (ii) You are logged on as a regular user. Without logging off and logging on as root, you are required to create a new user account immediately. How would you do it? (7)

22. a) Create a program in PL/SQL to find prime numbers from 2 to 100.

**(OR)**

- b) (i) List any 5 string functions with their syntax and use. (7)
- (ii) Create a PL/SQL program to illustrate the use of upper, lower, initcap. Substr string functions. (7)

23. a) Analyze some of the date functions provided by PHP with their uses.

**(OR)**

- b) (i) Analyze the else-if ladder of PHP and write a sample program using it. (8)
- (ii) Find out the output of the following code. (6)

24. a) Explain how to make Forms in python.

**(OR)**

b) Explain how to create a multidimensional list.

- 25. a) (i) Illustrate an example code for implementing arrays in PERL. (6)
- (ii) Illustrate an example code for implementing objects in PERL. (8)

**(OR)**

b) Write a sample PERL program to illustrate scalar, array and hash variables.

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