

Exam Date & Time: 26-Sep-2020 (10:00 AM - 01:30 PM)



PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins

BSc DEGREE EXAMINATION MAY 2020
(Sixth Semester)

Branch - COMPUTER TECHNOLOGY
OPEN SOURCE TECHNOLOGIES [15CTU36]

Marks: 75

Duration: 210 mins.

SECTION A

Answer all the questions.

- 1) List any two open source software. (2)
- 2) Why do so many organization uses open source software? (2)
- 3) Comment on regular expression. (2)
- 4) Expand LDAP. (2)
- 5) What are the three characteristics of python object? (2)
- 6) List out the rules used in python statement. (2)
- 7) When index error is raised? (2)
- 8) Define callable object. (2)
- 9) List down any two important Apache directives. (2)
- 10) Comment on log files. (2)

SECTION B

Answer all the questions.

- 11) Explain the advantages of open source. (5)
 - a)
- [OR] Write down the string functions in MySQL. (5)
 - b)
- 12) Elucidate object in PHP with example. (5)

- a)
[OR] Write a PHP program to find a given no is prime or not using function. (5)
b)
- 13) Explain how sequence elements are stored and accessed. (5)
- a)
[OR] Write a python programme to remove list elements from lists. (5)
b)
- 14) Write briefly about namespaces versus variable scope. (5)
- a)
[OR] Write a program to create instances by involving class object. (5)
b)
- 15) Explain the need of dynamic virtual hosting in apache. (5)
- a)
[OR] How to redirect users to other servers? (5)
b)

SECTION C

Answer 3 out of 5 questions.

- 16) Explain date and time functions in MySQL. (10)
- 17) Explain the operators in php. (10)
- 18) Write a python program to evaluate the student mark using conditional statement. (10)
- 19) Explain errors and exceptions in python. (10)
- 20) Describe in detail about apache web server. (10)

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