



J. Sangeetha Priya

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

**Continuous Internal Assessment Test-II October 2024
Semester V**

Class : III UG

Major : Computer Applications

Time :2 hours

Max. Marks:60

21BCAC21 Open Source Technologies

Course Outcomes:

1. Apply the principles of Open source software.
2. Design real time applications using Open source.
3. Develop skill sets in Open source tools.
4. Able to apply the concepts of Open source in solving problems.
5. Ability to build and modify free and open source software packages.

Part A

(6 x 1 = 6)

Choose the correct answer

1. Which one of the below is known as Pajamas Media? CO3K1
a. Open Source Media b. Shared Media
c. Learning Objects d. Online Media
2. Which platform that utilizes emerging technologies to facilitate shared learning and the development of communities. CO3K1
a. Learning Objects b. Open Source Teaching
c. Shared Source d. Open Source Media
3. Which one below refers to use of open source software technologies in traditional government organization and government operations such as voting. CO4K1
a. Open Source Politics b. Open Source Government
c. Open Source Freedom d. Open Source Movement
4. The _____ is a discipline of philosophy that attempts to apply ethical theory to real-life situation. CO4K1
a. Descriptive ethics b. Meta ethics
c. Open Source Ethics d. Applied ethics
5. Which of the following is an example of closed source software. CO5K1
a. Wikipedia b. Microsoft Windows
c. Linux d. Mozilla Firefox
6. The set of compilers produced for various programming languages by the GNU Project is known as. CO5K1
a. GCC b. OSC c. GNU d. GCS

Part B

(3 x 6 = 18)

Answer ALL Questions

Each answer should not exceed 400 words

7. a. What is Open Source Media? List the rules for Open Source Media. CO3K1
(or)
7. b. Explain the usage of open source software in government organizations. CO4K2
8. a. Evaluate the pros and cons of shared software and shared source. CO4K3
(or)
8. b. Elaborate the social and financial impacts of open source technology. CO5K1
9. a. Write short notes on Wikipedia. CO5K5
(or)
9. b. Illustrate the architecture of Moodle. CO5K3

Part C

(3 x 12 = 36)

Answer ALL questions

Each answer should not exceed 800 words

10. a. Describe how the Open Source Teaching work and how it is structured. CO3K3
(or)
10. b. Explain Open Source Design. CO3K3
11. a. Explain in detail the Open Source Ethics. CO4K3
(or)
11. b. Differentiate Open Source vs Closed Source. CO5K4
12. a. Describe the characteristics of Linux. CO5K4
(or)
12. b. Why Open Office is good? Explain in detail the history, features, development and advantages of Open Office. CO5K1

Staff In-charge : Mrs. J. Sangeetha Priya

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