

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022

~~V~~ (Sixth Semester)

Branch – COMPUTER SCIENCE

OOAD & UML

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 x 2 = 20)

1. What is an object?
2. What do you mean by software development process?
3. What is attribute class?
4. What is the difference between message and method?
5. What is an association?
6. Define coupling.
7. What is view layer object?
8. What is metaphor?
9. What is top-down testing?
10. What do you understand about error based testing?

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

11. a. Compare patterns and frameworks.
OR
b. What is object oriented development? Explain
12. a. Discuss object relationship and associations.
OR
b. What is inheritance? Discuss with examples.
13. a. Discuss the activities of object oriented design.
OR
b. Write short notes on cohesion.
14. a. Discuss on macro and micro level process.
OR
b. Write short notes on view layer interface.
15. a. What is black-box testing? Discuss.
OR
b. What is quality analysis? Explain.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16. Explain the following: (a) Polymorphism (b) Binary association.
17. Explain the approaches used in identifying objects in object oriented analysis.
18. Write a detailed note on design patterns.
19. How would you avoid design pitfalls? Explain.
20. (a) Write short notes on reusability of tests. (b) User satisfaction test.

Z-Z-Z

END

