A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

BCA Degree Examination

V Semester – **November** – 2022

CC XII – SOFTWARE ENGINEERING

Time: 3 hours   **Maximum Marks: 75**

Section –A   **10X2=20**

Answer **ALL** the Questions

1. Define software engineering.

2. List out the fundamental activities of a software process.

3. What is Analysis Modeling?

4. List out any four characteristics of a good design.

5. Define usability.

6. Mention the four elements of User interface.

7. What is meant by portfolio management?

8. What do you understand by software measurement?

9. Define Web service.

10. What is Web application?

Answer **ALL** the Questions

11. a) Write short notes on Prototype life cycle model.

(or)

   b) Explain the different types of CMMI levels.

12. a) Discuss about the basic issues in software design.

(or)

   b) Distinguish between Function oriented system and Object oriented system.

13. a) List and explain the essential parts of design patterns.

(or)

   b) Give a note on the concepts of User interface.

14. a) Write down the objectives of Software Testing.

(or)

   b) List and explain the four types of maintenance activity.

15. a) Describe the any four categories of Web application.

(or)

   b) Write short notes on Software as a Service (SaaS).

Answer any **THREE** Questions

16. What are the steps involved in requirements engineering? Explain.

17. Briefly explain the several types of Cohesion in detail.

18. Elaborate the Booch Methodology of OOD modeling techniques.

19. Discuss about the five distinct phases of project management life cycle.

20. List and explain the advantages and disadvantages of Web applications development.

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