D 121233 (Pages : 2) Name..

Reg. No..................................

FOURTH SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY) EXAMINATION, APRIL 2025

(CBCSS)

Computer Science

CSS 4E 03 F.—WEB ENGINEERING

(2019 Admission onwards)

Time : Three Hours Maximum : 30 Weightage

Section A (Short Answer)

Answer any **four** *questions.*
Each question carries 2 *weightage.*

1. Identify the scope of Web Engineering.

2. Identify the tools used in the Requirement Engineering for Web application development.

3. What are the layers of a web application architecture.

4. What do you mean by information design ?

5. Identify the activities in web application modelling.

6. Identify the role of a tester.

7. What are the three test dimensions ?

(4 × 2 = 8 weightage)

Section B (Short Essay)

Answer any **four** *questions.*
Each question carries 3 *weightage.*

8. Outline the characteristics of Web applications.

9. Discuss Requirement Engineering specifications.

10. Illustrate the use of notations in Web application Requirement Engineering.

11. Summarize the features of web architecture for multimedia data.

Turn over

12. Outline Hypertext structure modelling concepts.

13. Discuss web development from an evolutionary perspective.

14. Explain Link testing.

(4 × 3 = 12 weightage)

Section C (Essay)

Answer any **two** *questions.*
Each question carries 5 *weightage.*

15. Discuss the sources of requirements in Web application development. Summarize the Requirement Engineering activities.

16. Discuss generic web application architecture.

17. Discuss the following: functional design, navigation design, interaction design.

18. Discuss activities in Web project development.

(2 × 5 = 10 weightage)