I.M.C.A, NOVEMBER 2023

Fifth Semester

Integrated MCA

CORE - IMCA5C03 - WEB TECHNOLOGY

2020 Admission Onwards

A1E31093

Time: 3 Hours   Maximum: 75 Marks

Part A

*Answer any **ten** questions*

*Each question carries **3** marks*

1.   Describe the features of TCP.

2.   State the architecture of web applications.

3.   Illustrate the roles that people play on a web team.

4.   State hyperlink.

5.   State CSS.

6.   Illustrate DTD.

7.   Illustrate how we can declare variables used in Javascript.

8.   Illustrate the features of AngularJS.

9.   Illustrate about JSP declarations.

10.   Explain with an example program demonstrating array of cookie values in JSP.

11.   Explain about ternary operator in Ruby.

12.   Illustrate does Ruby support multiple inheritance?

(10×3=30 marks)

Part B

*Answer **all** questions*

*Each question carries **9** marks*

13. a) Illustrate the types of web applications.

    OR

    b) Describe web team, its roles and responsibilities.

14. a) Explain how you can create frames in HTML. Give an example.

    OR

    b) Define the concept of XML schema and give an example of library information system.

15. a) Describe the data types used in javascript.

    OR

    b) Describe the various math functions in javascript. Give an example program.

16. a) Explain about anatomy of a JSP page.

    OR

    b) Define the implicit objects in JSP.

17. a) Explain MVC architecture in RoR.

    OR

    b) Define methods in Ruby with a suitable example.

(5×9=45 marks)