Reg. No. : | | | | | | | | | | |

Question Paper Code: 99241

B.E./B.Tech. DEGREE EXAMINATION, NOV 2024

Elective

Computer Science and Engineering

19UCS941-FULLSTACK

(Régulations 2019)

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1.	Define the term Scope in Angular JS.	CO1-U
2.	Justify whether the MVC framework support Scaffolding?	CO1-U
3.	Name the directives used in Angular JS.	CO1-U
4.	Analyze whether it is possible for a parent controller to access the methods and properties of the child controller. Justify your answer.	CO3-Ana
5.	What is meant by ECMA Script?	CO1-U
6	Recall the concept of REPL.	CO1-U
7	Summarize about the indexes used in Mongo DB.	CO1-U
8	Write an example to inspect the source code of a function.	CO2-App
9	Is Mongo DB used to do safe backups in the system?	CO1-U
10	Write the syntax to create a collection and to drop a collection in Mongo DB.	CO2-App

PART – B (5 x 16= 80 Marks)

11. (a) Write a HTML code to create a student mark list for the following   CO2-App   (16)
       subjects using Angular JS. a) Physics   b) Chemistry   c)
       Mathematics d) English e) Hindi

Or

    (b) Write a HTML code to create an application for a simple   CO2-App   (16)
        calculator using Angular JS

12. (a) Discuss in detail about the three components of MVC architecture.   CO1-U   (16)

Or

(b) Differentiate the functionalities of MEAN stack and MERN stack with proper example.   CO1-U   (16)

13. (a) Explain the importance of Node Package Manager (NPM) and Modular Programming in Node JS   CO1-U   (16)

Or

(b) Discuss in detail about the Express Development Environment and Query Parameters in detail   CO1- U   (16)

14. (a) Summarize the importance of Routes and Middleware in JavaScript with an example   CO1- U   (16)

Or

(b) Discuss in detail about the CRUD Operations with an example Queries.   CO1- U   (16)

15. (a) Summarize the importance of JSON in detail   CO1-U   (16)

Or

(b) Classify the GUI tools used in MongoDB with an example   CO1-U   (16)

99241