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Question Paper Code: 99241

B.E./B.Tech. DEGREE EXAMINATION, NOV 2023

Elective

Computer Science and Engineering

19UCS941-FULLSTACK

(Régulations 2019)

(Common to Information technology)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Name the directives used in Angular JS. CO1-U
2. Analyze whether it is possible for a parent controller to access the methods and properties of the child controller. Justify your answer. CO3-Ana
3. List out the attributes of Package. Son CO1 -U
4. Write an output for this program CO2 -App

```
buf = new Buffer(26);  
for (var = 0 ; i < 26 ; i++) { buf[i] = i + 97;  
}  
console.log( buf.toString('ascii'));  
// outputs: abcdefghijklmnopqrstuvwxyz console.log( buf.toString('ascii',0,5));  
// outputs: abcde  
console.log( buf.toString('utf8',0,5));  
// outputs: abcde  
console.log( buf.toString(undefined,0,5));  
// encoding defaults to 'utf8', outputs abcde
```
5. Name some commands used in Mongo DB CO1 -U
6. Write about the uses of Namespace in Mongo DB. CO1 -U

- 7 Write the commands that illustrates the concept of index.jsp and index.jx with example CO2-App
- 8 How do you list the modules installed in current NPM. CO2 -U
- 9 Write the syntax to create collection and to drop a collection in Mongo DB. CO2 -App
- 10 Summarize about the indexes used in Mongo DB. CO1 -U

PART – B (5 x 16= 80 Marks)

11. (a) Illustrate the concepts of Angular JS with a suitable diagram CO1- U (16)
 Or
 (b) Explain the given Angular JS directives with a proper example CO1- U (16)
 (a) ng-app (b) ng-init (c) ng-model (d) ng-repeat
12. (a) Write the Steps involved in connecting the Mongo DB with Mongoose with a proper diagram. CO1- U (16)
 (b) Brief about the Template Engine Middleware and Stylus CSS preprocessor. CO1- U (16)
13. (a) Summarize the importance of JSON in detail CO1- U (16)
 (b) Classify the GUI tools used in MongoDB with an example CO1- U (16)
14. (a) Summarize the importance of Routes and Middleware in JavaScript with an example CO1- U (16)
 (b) Discuss in detail about the CRUD Operations with an example Queries. CO1- U (16)
15. (a) Write a code to check the Strength of Password in any Application CO2 - App (16)
 (b) Write a code to create an application for supplying the Grocery items in a correct destination CO2 - App (16)