

48584

B.C.A. EXAMINATION, 2022

(Fifth Semester)

(2021-22)

NODE JS

BCA-19-55-2

Time : 3 Hours]

[Maximum Marks : 80

Note : All questions are compulsory. Each question is of 1, 3, 6 and 8 marks in section A, B, C and D respectively.

Section A

12×1=12

1. (a) What is emitter class ?
- (b) What is inhering event ?
- (c) What is debug node ?
- (d) What is node js initiate ?

- (e) What is require() function ?
- (f) What is createServer() ?
- (g) What is engine ?
- (h) What is http header ?
- (i) What is fs. readFile() ?
- (j) What is sending request ?
- (k) What is module expert ?
- (l) What is package locally ?

Section B

4×3=12

2. What is appending dynamic data to the webpage ? Explain with examples.

Or

What is function ? Explain with example.

3. How to serve another file format ? Explain with example.

Or

What is File ? Explain Reading and Writing with example.

4. How creating Web Server ? Explain with example.

Or

How to use express framework ? Explain with example.

5. What is Handling http request ? Explain with example.

Or

What is Database Connecting ? Explain template engines with example.

Section C

4×6=24

6. What is Node Packet Manager ? Explain Installing Package locally.

Or

How does buffer work ? Explain Node Packet Manager with example.

7. What are Events in Node JS ? Explain significance of the events with example.

Or

What is Core Module ? Explain Events in Node JS with example.

8. How to serve Static HTML pages to the browser ? Explain with example.

Or

What is Configuring Routes ? Explain working with express.

9. How to use template engines to perform two-way data binding ? Explain with example.

Or

How Adding dependency in Packages ? Explain with example.

Section D

4×8=32

10. What is Module ? What are types of Modules ? Explain with example.

Or

How Installing Package Globally ? Explain updating packages with example.

11. How does File work ? What are process for updating file ? Explain reading and writing with example.

Or

What is difference between Synchronously and Asynchronously updating files ? Explain.

12. What is Framework ? Explain, how to create web applications with example.

Or

How does Connection String work ? Explain working with select command.

13. What is Database Connecting ? Explain updating and deleting the records with example.

Or

What is HTML language ? How to serve Static HTML pages to the browser ? Explain with example.

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