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SECOND YEAR (BBACA)

BBA24102: NODE JS

(Semester IV)

Program: BBA (Computer Application)

Program Specific: BBACA07

Course Type: CC

Paper: -

Credits: 2

Time: 2 Hours

Max. Marks: 30

SET: A

Instructions to the candidate:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

Q1) Answer the following.

[5 X 1 = 5]

1. _____ method in the buffer is used to read a file.
a)buffer.toString() b)buffer.read() c)buffer.from() d)buffer.concat()
2. _____ of the following fs module is used to close a file.
a)fs.close() b)fs.open() c)fs.closepath() d)fs.exit()
3. _____ node module is used to handle binary data.
a)Binary b)Buffer c)Crypto d)dgram
4. _____ is the default package manager for Node.js.
a)Yarn b) NPM c) Pip d) Composer
5. _____ of the following is a valid HTTP method.
a)Post b)Print c)Cut d)Copy

Q2) Answer the following (Any 5)

[5 X 1 = 5]

1. Define Anonymous function.
2. List two advantages of using Node.js
3. What is Node.JS?
4. Which module is used to get input from user?
5. Enlist application of Node.JS.
6. What is local scope function?
7. Define Buffer in Node JS.

Q3) Answer the following(any 4)

[4 X 4 = 16]

1. Explain the steps to create a web server in Node.js.
2. Write Node JS code for user defined Module to return the Sum of digits of a of given number.
3. Compare Traditional web.server model and Node.JS Process model.
4. Explain different methods of Buffer with syntax.
5. Write note on the EventEmitter Object.
6. Describe all types of functions with syntax.

Q4) Answer the following(Any 1)

[1 X 4 = 4]

1. Explain types of modules in Node JS.
2. Write a program using **anonymous** functions to perform the following:
 - Calculate the sum of two numbers.
 - Subtraction between two numbers
