

Total No. of Questions : 5]

SEAT No. :

P-6014

[Total No. of Pages : 2

[6144]-404

S.Y. B.B.A. (Computer Application)

CA-404 : NODE JS

(2019 Pattern) (Semester - IV)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Answer the following (Any Eight) :

[8 × 2 = 16]

- a) What is the command to initialize node package manager? Write it's syntax.
- b) For which task a file system module is used?
- c) What is REPL?
- d) What is express.js?
- e) What is the use of prompt-sync module?
- f) List any four core modules in Nodejs?
- g) Which command is used for deleting a file?
- h) Write syntax to create Buffer?
- i) Write a command to install MySQL package by using NPM?

Q2) Answer the following (Any Four) :

[4 × 4 = 16]

- a) How we install a package globally in node js write it's command with example?
- b) What is the advantages of Nodejs?
- c) Explain Node's Process Mode?
- d) How does Node.js handles a file request.
- e) Write down the command to create package.js file with example?

P.T.O.

Q3) Answer the following (any four) :

[4 × 4 = 16]

- a) How to write asynchronous data to a file explain with suitable example?
- b) Write a program which uses add Listener (). method of Event Emitter class.
- c) Write a short note on NPM.
- d) Write a code for selecting all records from Player's table.
- e) Explain module. exports in Node.js.

Q4) Answer the following (Any Four) :

[4 × 4 = 16]

- a) Compare Traditional webserver Model and Node.js process Model.
- b) Write Node.js application to create user defined square module to find area of square & display the details on console.
- c) What is web server?
- d) Write a program to create a file in Node.js.
- e) Explain parameter's of create connection?

Q5) Answer following (Any Two)

[2 × 3 = 6]

- a) Explain Event driven programming.
- b) What is Anonymous function?
- c) Explain is module?

