

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination
OCT/NOV-2024 (AS PER SYLLABUS YEAR JUNE-2024)
Node JS (Core (New-23))

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1 (A) Answer the following questions (03)
- 1) Definition: Node.js
 - 2) Full form of Node.
 - 3) Full form of AJAX.
- (B) Answer the following questions (ANY TWO) (06)
- 1) Explain Module in Node.js.
 - 2) Explain Primitive types in Node.js
 - 3) Define any 4 differences Node.js v/s JavaScript
 - 4) Explain Buffer.
- (C) Answer the following questions (ANY ONE) (05)
- 1) Explain Feature of Node.js
 - 2) Write down Steps to install Node.js on windows
- Que.2 (A) Answer the following questions (03)
- 1) Full form of REPL
 - 2) Full form of npm.
 - 3) Which command use to start REPL in Node.js
- (B) Answer the following questions (ANY TWO) (06)
- 1) Explain Console. Log ().
 - 2) Explain Console. Error ()
 - 3) Explain. editor command.
 - 4) Explain underscore variable.
- (C) Answer the following questions (ANY ONE) (05)
- 1) Write down about local vs global installation.
 - 2) Explain install and uninstall module.
- Que.3 (A) Answer the following questions (03)
- 1) List Node.js Modules.
 - 2) Explain require () function.
 - 3) Write use of http core module in one line.
- (B) Answer the following questions (ANY TWO) (06)
- 1) How to load core Module.
 - 2) Explain assert core module.
 - 3) Explain os core module.
 - 4) Explain process core Module
- (C) Answer the following questions (ANY ONE) (05)
- 1) Explain Export Module in Node.js.
 - 2) Explain Local Module in Node.js

- Que.4 (A) Answer the following questions (03)
- 1) Full form of HTTP.
 - 2) Explain Read.
 - 3) Explain Truncate.
- (B) Answer the following questions (ANY TWO) (06)
- 1) Steps to opening a file.
 - 2) Explain Append and Rename.
 - 3) Explain Request.
 - 4) Explain Remove Directory.
- (C) Answer the following questions (ANY ONE) (05)
- 1) Explain URL Create Module.
 - 2) Explain reading and writing file.
- Que.5 (A) Answer the following questions (03)
- 1) EventEmitter class belongs to which module?
 - 2) Explain 'this'.
 - 3) Write connection string.
- (B) Answer the following questions (ANY TWO) (06)
- 1) Explain emit (), on () methods.
 - 2) Explain once () methods.
 - 3) Explain Working of insert.
 - 4) Explain ordered result set.
- (C) Answer the following questions (ANY ONE) (05)
- 1) Explain Asynchronous and Synchronous call.
 - 2) Explain Extend EventEmitter Class.
