

OR

- 6 a. Illustrate defining of package.json file. (4) (1) (1) (05)
- b. Explain the steps involved in pushing the site live using Git. (2) (1) (1) (05)
- c. Write the code for complete database connection file using mongoose (3) (2) (3) (10)

UNIT - IV

- 7 a. Differentiate between good API and bad API and List down the various HTTP status codes. L CO PO M (2) (3) (1) (10)
- b. Explain DELETE method to remove data from MongoDB. (2) (3) (1) (10)

OR

- 8 a. Define REST API and its rules. Explain how REST API processes HTTP requests. (2) (3) (1) (05)
- b. Explain how to update an existing subdocument in MongoDB (2) (3) (1) (05)
- c. Explain
- i) Validating at the application level with NODE and Express
 - ii) Validating with browser with jQuery

UNIT - V

- 9 a. Describe how to add angular to Express application (2) (1) (1) (05)
- b. Write a short note on one-way password encryption using hashes and salts. (2) (1) (1) (05)
- c. Explain the Full MEAN stack approach for authentication (2) (3) (1) (10)

OR

- 10 a. Explain how to make HTTP requests from angular to an API (2) (3) (1) (10)
- b. Elaborate on how do you improve browser performance (2) (1) (1) (10)