Note:- 1) All questions are compulsory.
2) Figures to the right indicate maximum marks.

Q1) Answer any four of the following:-   **(20 marks)**

1) What are the advantages of Node js? Co 1 (R)
2) What is Node-js module? Explain its types. Co1 (U)
3) How to create package.json file in Node.js. Co1 (U)
4) What is Mongo Shell Interface? Explain. Co1 (R U)
5) Explain following methods :- Co1 (R)

   FindOneAnd Delete( ) , deleteMany( )

Q2) Answer any four of the following:-   **(20 marks)**

1) What is Express framework? Explain its features. Co1 (U)
2) Write the steps to create Node-js Express App. Co1(U, A)
3) What is Express Middleware? CO1 (R)
4) How to create an Angular Application? CO1 (A)
5) What is One-way data binding in Angular? Co1 (R)
6) How do you validate form data in Angular? Co1 (R)

Q3)_ Answer any four of the following:-   **(20 marks)**

1) What is importance of Flutter in modern app development? Co 2 (U)
2) What are different data types available in Dart? Co2 (R)
3) Explain Dart for loop with example? Co2 (A)
4) What is Scaffold Widget in flutter? Co 2 (U)
5) What is Card Widget in Flutter?   Co2 (U)
6) What is App structure and Navigation in flutter? Co3 (R)

Q4) Answer any five of the following:-   **(15 marks)**

1) How do you create web server with Node-js? Co1 (A)
2) Explain Mongo Data types.   Co1 (U)
3) Write the difference between one way and two –way data binding. Co1 (A)
4) Explain Dart if else statement with example. Co2 (A)
5) Write the difference between stateful and stateless widgets. Co2(A)
6) What is column widget in flutter? Co2(U)