Time: 21/2 hrs. Marks:75 Note: 1. All questions are compulsory with internal choice. 2. Draw neat diagrams wherever necessary. 3. Figures to the right indicate full marks. Answer the following (any four) (20)Q.1 (a) What does package.json file consist of in NodeJs? (b) What is a module in NodeJs? How to create and include user-defined module in NodeJs? (c) Explain normalized data model of MongoDB. (d) How to delete document in MongoDB using delete() and deleteMany() function. (e) How to search document in MongoDB using find() and findOne() function. (f) Explain event loop in NodeJs. (20)Answer the following (any four) Q.2 (a) List advantages and disadvantages of AngularJs. (b) Explain expressions in AngularJs with suitable examples. (c) What is \$scope in AngularJS? Explain with suitable examples. (d) Explain the post() method of REST API in ExpressJs. Give example. (e) Explain the delete() method of REST API in ExpressJs. Give example. (f) Write a program to create and implement addition module using controller in AngularJs. (20)Answer the following (any four) Q.3(a) What is widget in flutter? Explain column and row widget and icon widget. (b) What is class in dart programming? How to create it and add method to it? (c) Explain loops in dart programming. (d) Explain data types in dart programming. (e) Explain relational operators of dart programming in detail. (f) Define variable in dart programming. State rules to define variable. (15)Answer the following (any five) Q.4 (a) Explain routing in NodeJs. (b) Explain following AngularJs directive with examples. a) ng-app b) ng-init (c) Explain features of ExpressJs. (d) Explain layouts in flutter. (e) Explain Mongo shell interface. (f) Explain class getter and setter in dart programming with suitable example. ---X---