

Total No. of Questions : 5]

SEAT No. :

P-6006

[Total No. of Pages : 2

[6144]-304
B.B.A. (CA)
CA-304 : ANGULAR JS
(2019 Pattern) (Semester - III)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagrams must be drawn whenever necessary.*

Q1) Answer the following (Any Eight) :

[8 × 2 = 16]

- a) Write any two advantages of AngularJS?
- b) Write name of any two Editors used for Angular JS.
- c) Explain two-way data binding.
- d) What is controller?
- e) Explain ng-app directive.
- f) What is Dependency Injection.
- g) Write the use of ng-show.
- h) Write short note on \$scope.
- i) Explain ng-if directive.
- j) What are form events?

Q2) Attempt any FOUR of the following:

[4 × 4 = 16]

- a) Explain ng-model in detail with example.
- b) Write any three directives used in AngularJS.
- c) What are the advantages of creating modules?
- d) Write an AngularJS program to enter two numbers in two text boxes and display multiplication result of them.
- e) Write an AngularJS program to showcase the use of ng-click.

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Q3) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) Give the difference between \$rootScope and \$scope.
- b) What are the purposes of AngularJS services? Name any two services.
- c) Explain MVC architecture in detail.
- d) Write a program to demonstrate the use of ng-controller.
- e) Write a simple program to show the use of \$scope.

Q4) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) Write and explain any four methods of \$Scope object.
- b) Explain the working of uppercase and lowercase filters with an example.
- c) Explain \$document service, \$log-service and \$root service in detail.
- d) Write an AngularJS program to create a service to find whether the entered number is prime or not.
- e) Write a program that can generate numbers after an interval of every 1000 ms.

Q5) Attempt any TWO of the following :

[2 × 3 = 6]

- a) SPA
- b) Explain ng-model, ng-required.
- c) Validation in AngularJS.

