

Total No. of Questions : 5]

SEAT No. :

PD-1438

[Total No. of Pages : 2

[6441]-504

B.B.A (CA)

CA 304 A : ANGULAR JS

(2019 Pattern) (CBCS) (Semester - III)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

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

Q1) Attempt any Eight of the following :

[8 × 2 = 16]

- a) What is Angular JS?
- b) Explain ng-controller directive?
- c) Write any two features of Angular JS.
- d) What is data binding in Angular JS?
- e) Explain ng-bind directives in Angular JS.
- f) Explain \$ http services.
- g) What is difference between \$ scope and scope?
- h) What is Dependency Injection?
- i) Explain \$ timeout service.
- j) What is Angular Js factory?

Q2) Attempt any FOUR of the following:

[4 × 4 = 16]

- a) Explain difference between Angular Js and Javascript.
- b) Explain most common directives used in Angular JS.
- c) What are different forms of form events?
- d) Write an Angular Js program to create Service for finding factorial of a number.
- e) Write Angular JS program for multiplication for two numbers.

P.T.O.

Q3) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) Explain different types of filters in Angular JS.
- b) Explain the ways to implement Custom directives in Angular JS.
- c) Create the hello world application program using Angular JS.
- d) Write a program that can show the use of ng-repeat.
- e) Explain the lower-case and upper-case filters with example.

Q4) Attempt any FOUR of the following:

[4 × 4 = 16]

- a) Explain the Angular JS MVC Architecture.
- b) Write an Angulars JS program to demonstrate ng-init directive that initializes variable of string, number, array and object.
- c) Explain Life cycle of a Module.
- d) Write a program to display name qualification and address using MVC architecture.
- e) Distinguish between factory, service and provider.

Q5) Write short notes any two of the following :

[2 × 3 = 6]

- a) Model
- b) Event Handling
- c) Dependency Injection Services.

