

Total No. of Questions : 5]

SEAT No. :

PB-1463

[Total No. of Pages : 2

[6226]-304

S.Y. B.B.A. (C.A.)

CA - 304 : ANGULAR JS

(2019 Pattern) (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) Answer the following (Any EIGHT) :

[8 × 2 = 16]

- a) What is AngularJS?
- b) Explain ng-app directives.
- c) What is SPA.
- d) Explain Two-way data binding.
- e) What is controller?
- f) Explain \$http Services.
- g) What is AJAX?
- h) Write name of any two Editors used for AngularJS.
- i) Explain \$timeout service.
- j) Explain ng-repeat directives with example.

Q2) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) Explain MVC architecture in detail.
- b) Write angularJs program for multiplication of two numbers.
- c) Explain scope hierarchy in detail.
- d) Write an AngularJS program to display the 4 students details in table format(using ng-repeat directives use array to store data).
- e) Explain Custom filters with example.

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Q3) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) What is Module? Write advantages of Module?
- b) Explain lowercase and uppercase filter with example.
- c) Write a program to demonstrate use of ng-controller.
- d) Explain \$document service, \$log service and \$root service in brief.
- e) Give the difference between AngularJS and Javascript.

Q4) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) Write a program to display name, qualification and address using MVC architecture.
- b) What are the most common directives used in AngularJS applications.
- c) What is Module life cycle?
- d) Explain AngularJS Data binding.
- e) Write a AngularJS program to create service for finding factorial of a number.

Q5) Attempt any TWO of the following :

[2 × 3 = 6]

- a) Dependency Injection.
- b) Event Handling.
- c) Custom Directives.

