Program: BBA(Computer Application)   **Semester: III**   **SET: A**
Program (Specific): BBACA07   **Course Type: CC**
Class: SYBBACA   **Max.Marks: 70**
Name of the Course: Angular
Course Code: 23-BBACA234   **Time: 2:30 Hrs.**
Paper: -

Instructions to the candidate:

1) *There are 4 sections in the question paper. Write each section on separate page.*
2) *All Sections are compulsory.*
3) *Figures to the right indicate full marks.*
4) *Draw a well labeled diagram wherever necessary.*

Section A

Q1) Answer the following   **[10 x 1 =10 marks]**

1) Which of the following is example of Single Page Application?
   a) Gmail   b) Amazon   c) Instagram   d) Whatsup
2) Angular CLI stands for _____
   a) Angular command-line interceptor b) Angular command line
   c) Angular command-line interface   d) Angular command-line user interfaces
3) Extension of typescript is?
   a) .d.ty   b) .d.tp   c) .d.ts   d) .d.td
4) Which of the app component file is not created for component in angular?
   a) app.component.td   b) app.component.ts
   c) app.component.html   d) app.component.css
5) which of the following syntax is used to create a module in Angular?
   a) var myModule= new controller(); b) var myModule= angular.view();
   c) module ("app", []);   d) myModule=(controller name,[]);
6) Angular support two-way data binding.
   a) True   b) false
7) Which of the following statement is true in the case of $routeProvider?
   a) It is a service b) it is a module   c) it is a component d) None of the above
8) Is Angular completely based on HTML and TypeScript?
   a) True   b) False
9) Who is known as the father of Angular?

   1) Brad Green   b) Misko Hevery   c) Adam Abrons   d) Mike Adams
10) Scope is a glue between ----- and -----
    a) view, controller b) view, component c) output, controller   d) module, app

Section B

Q.2] Answer the Following. (Any 10) [10x2 =20 M]

1) What is SPA?
2) Write any two disadvantages of angular.
3) Enlist the directives in Angular.
4) Define controller in angular.
5) What is injector?
6) What is use of getTime() method in service?
7) What is factory provider?
8) Write syntax of service.
9) What is Angular routing?
10) Write the main difference between ngAfterContentChecked and ngAfterContentInit hook.
11) What is component directive?
12) Is it true $rootscope is the parent scope of $scope? And justify it.

Section C

Q3) Answer the following. (Any 4) [4x5=20 M]

1) Explain MVC architecture.
2) What is angular module? Explain with its any two properties of NgModule.
3) What is Angular View? Write a program for ng-view.
4) What is ViewEncapsulation.Emulated? Explain with program.
5) What is style binding? Explain any one in detail.
6) Write the difference between AngularJS and Angular.

Section D

Q4) Answer the Following (Any 4). [4x5 =20M]

1) Write an Angular application for sorting the list in alphabetical order.
2) Write an Angular application for trigger button when it is click on Enter.
3) Explain advantages of Angular in detail.
4) What is angular provider? Explain Class provider and Value Provider.
5) Give brief explanation of template statement in angular.
6) What is $scope? Explain with program.