

**S.T.U.S.M's**  
**SANGOLA COLLEGE, SANGOLA**  
**B.Sc. (ECS)- III Sem-VI**  
**AngularJS**

**Time: 12.00 Noon to 1.30 PM**

**Date: 09/06/2022**

**Total Marks: 40**

**Instructions:** i) All questions are compulsory.

ii) Draw neat labeled diagrams wherever necessary.

iii) Figures to right indicate full marks.

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**Q. 1) Multiple choice questions. (One Mark each)**

**(08)**

1. Which of the following is true about ng-init directive?
  - a) ng-init directive initializes an AngularJS Application data.
  - b) ng-init directive is used to put values to the variables to be used in the application.
  - c) Both of the above.
  - d) None of the above.
2. Which of the following directive is used to initialize an angular app?
  - a) ng-model
  - b) ng-app
  - c) ng-controller
  - d) ng-start
3. AngularJS supports two-way data binding?
  - a) True
  - b) false
4. AngularJS expressions are written using.
  - a) {{Expression}}
  - b) {expression}
  - c) Both of the above.
  - d) None of the above.
5. Which of the following statement is correct for AngularJS?
  - a) AngularJS is an HTML framework
  - b) AngularJS is a Java framework
  - c) AngularJS is a JavaScript framework
  - d) none of the above.
6. Which of the following directive is used to bind the application data to the HTML view in AngularJS?
  - a) ng-app directive
  - b) ng-model directive
  - c) ng-bind directive
  - d) ng-init directive
7. Which of the following is not a valid AngularJS filter?
  - a) Lowercase
  - b) orderby
  - c) email
  - d) currency
8. What angular function is used to manually start up an angular application?
  - a) angular.bootstrap
  - b) angular.element
  - c) angular.copy
  - d) None of the above.

**2) Solve any FOUR of the following (Two marks each)**

**(08)**

- a) Filter filter
- b) \$scope
- c) \$http
- d) JavaScript operators
- f) Nested controller

**Q. 3) A) Attempt any Two of the following.**

**(08)**

- a) What is dependency injection? Explain with example.
- b) Explain data binding in AngularJS.
- c) Explain different Array usage in JavaScript.

**Q. 4) Attempt any Two of the following.**

**(08)**

- a) What is module? Explain with example.
- b) What is controller? Explain how it is working with the help of example.
- c) Design an AngularJS application that demonstrates use of AJAX.

**Q. 5) Attempt any ONE of the following. (Eight marks each)**

**(08)**

- a) What is AngularJS directive? Explain any 3 AngularJS directives with example.
- b) Design an AngularJS application to demonstrate use of any one form event.