Vidyanidhi Info Tech Academy
PG DAC Question Bank

Contents

JAVA Script

Q1. Which of the following is correct about JavaScript?
- a. JavaScript is a lightweight, interpreted programming language.
- b. JavaScript has object-oriented capabilities that allows you to build interactivity into otherwise static HTML pages.
- c. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers.
- **d. All of the above.**

Q2. Which of the following is correct about features of JavaScript?
- a. JavaScript is a lightweight, interpreted programming language.
- b. JavaScript is designed for creating network-centric applications.
- c. JavaScript is complementary to and integrated with Java.
- **d. All of the above.**

Q3. Which of the following is correct about features of JavaScript?
- a. JavaScript is is complementary to and integrated with HTML.
- b. JavaScript is open and cross-platform.
- **c. Both of the above.**
- d. All of the above.

Q4. Which of the following is an advantage of using JavaScript?
a. Less server interaction   b. Immediate feedback to the visitors   c. Increased interactivity   **d. All of the above.**

Q5. Which of the following is a disadvantage of using JavaScript?
- a. Client-side JavaScript does not allow the reading or writing of files.
- b. JavaScript cannot be used for networking applications because there is no such support available.
- c. JavaScript doesn't have any multithreading or multiprocess capabilities.
- **d. All of the above.**

Q6. Is JavaScript a case-sensitive language?
- **a. true**   b**.** false

Q7. Which of the following is true about variable naming conventions in JavaScript?
- a. You should not use any of the JavaScript reserved keyword as variable name.
- b. JavaScript variable names should not start with a numeral 0 – 9.
- **c. Both of the above.**   d. None of the above.

Q8. Which of the following is true about variable naming conventions in JavaScript?

a. JavaScript variable names must begin with a letter or the underscore character.
b. JavaScript variable names are case sensitive.
c. Both of the above.   d. None of the above.

Q9. Which of the following is true about type of operator in JavaScript?
     a. The type of is a unary operator that is placed before its single operand, which can be of any type.
     b. Its value is a string indicating the data type of the operand.
     c. Both of the above.   d. None of the above.

Q10. Can you access Cookie using java script?
      a. true   b. false

Q11. Which of the following is true about cookie handling in JavaScript?
     a. JavaScript can manipulate cookies using the cookie property of the Document object.
     b. JavaScript can read, create, modify, and delete the cookie or cookies that apply to the current web page.
     C. Both of the above
     d. None of the above.

Q12. Which of the following is the correct syntax to create a cookie using JavaScript?
     a. document.cookie = 'key1 = value1; key2 = value2; expires = date';
     b. browser.cookie = 'key1 = value1; key2 = value2; expires = date';
     c. window.cookie = 'key1 = value1; key2 = value2; expires = date';
     d. navigator.cookie = 'key1 = value1; key2 = value2; expires = date';

Q13. Which of the following is the correct syntax to redirect a url using JavaScript?
a. document.location='http://www.newlocation.com';   b. browser.location='http://www.newlocation.com';
c. navigator.location='http://www.newlocation.com';   d. **window.location='http://www.newlocation.com';**

Q14. Which of the following is the correct syntax to print a page using JavaScript?
     a. window.print;   b. browser.print;   c. navigator.print;   d. document.print;

Q15. Which of the following is a valid type of function java script supports?
     a. named function   b. anonymous function   **c. Both of the above.**   d. None of the above.

Q16. Can you assign a anonymous function to a variable?
     a. true   b. false

Q17. Can you pass a anonymous function as an argument to another function?
     a. true   b. false

Q18. How can you get the type of arguments passed to a function?
 a. using type of operator   b. using get Type function   c. Both of the above.   d. None of the above.

Q19. How can you get the total number of arguments passed to a function?
a. Using args.length property   **b. Using arguments.length property**
c. Both of the above.   d. None of the above.

Q20. Which of the following type of variable is visible everywhere in your Java Script code?
     a. global variable   b. local variable   c. Both of the above.   d. None of the above.

Q21. Which of the following type of variable is visible only within a function where it is defined?
     a. global variable   **b. local variable**   c. Both of the above.   d. None of the above.

Q22. Which of the following type of variable takes precedence over other if names are same?
a. global variable   **b. local variable**   c. Both of the above.   d. None of the above.

Q23. Which of the following is correct about call backs?
a. A call back is a plain JavaScript function passed to some method as an argument or option.
b. Some call backs are just events, called to give the user a chance to react when a certain state is triggered.
c. Both of the above.
d. None of the above.

Q24. Which built-in method returns the character at the specified index?
a. characterAt   b. getCharAt   c. **charAt**   d. None of the above.

Q25. Which built-in method combines the text of two strings and returns a new string?
a. append   **b. concat**   c. attach   d. None of the above.

Q26. Which built-in method calls a function for each element in the array?
a. while   b. loop   c. **forEach**   d. None of the above.

Q27. Which built-in method returns the index within the calling String object of the first occurrence of the specified value?
a. getIndex   b. location   c. **indexOf**   d. None of the above.

Q28. Which built-in method returns the length of the string?
a. length   b. size   c. index   d. None of the above.

Q29. Which built-in method removes the last element from an array and returns that element?
a. last   b. get   c. **pop**   d. None of the above.

Q30. Which built-in method adds one or more elements to the end of an array and returns the new length of the array?
a. last   b. put   c. **push**   d. None of the above.

Q31. Which built-in method reverses the order of the elements of an array?
a. changeOrderorder   b. **reverse**   c. sortorder   d. None of the above.

Q32. Which built-in method sorts the elements of an array?
a. changeOrderorder   b. order   c. **sort**   d. None of the above.

Q33. Which built-in method returns the characters in a string beginning at the specified location?
a. substr   b. getSubstring   c. slice   d. None of the above.

Q34. Which built-in method returns the calling string value converted to lower case?
a. toLowerCase   b. toLower   c. changeCasecase   d. None of the above.

Q35. Which built-in method returns the calling string value converted to upper case?
a. toUpperCase   b. toUpper   c. changeCasecase   d. None of the above.

Q36. Which built-in method returns the string representation of the number's value?
a. toValue   b. toNumber   **c. toString**   d. None of the above.

Q37. All user-defined objects and built-in objects are descendants of an object called Object?
a. true   b. false

Q38. Which of the following code creates an object?
a. var book = Object;   b. **var book = new Object;**   c. var book = new OBJECT;   d. var book = new Book;

Q39. Which of the following function of Number object forces a number to display in exponential notation?
a. toExponential   b. toFixed   c. toPrecision   d. toLocaleString

Q40.Which of the following function of Number object formats a number with a specific number of digits to the right of the decimal?
a. toExponential   **b. toFixed**   c. toPrecision   d. toLocaleString

Q41. Which of the following function of Number object returns a string value version of the current number in a format that may vary according to a browser's locale settings?
a. toExponential   b. toFixed   **c. toLocaleString**   d. toString

Q42. Which of the following function of Number object defines how many total digits to display of a number?
a. toExponential   b. toFixed   c. toLocaleString   **d. toPrecision**

Q43. Which of the following function of Number object returns a string value version of the current number?
a. toString   b. toFixed   c. toLocaleString   d. toPrecision

Q44. Which of the following function of Number object returns the number's value?
a. toString   **b. valueOf**   c. toLocaleString   d. toPrecision

Q45. Which of the following function of Boolean object returns a string containing the source of the Boolean object?
a. toSource   b. valueOf   c. toString   d. None of the above.

Q46. Which of the following function of Boolean object returns the primitive value of the Boolean object?
a. toSource   **b. valueOf**   c. toString   d. None of the above.

Q47. Which of the following function of Boolean object returns a string of either 'true' or 'false' depending upon the value of the object?
a. toSource   b. valueOf   **c. toString**   d. None of the above.

Q48. Which of the following function of String object returns the character at the specified index?
a. charAt   b. charCodeAt   c. concat   d. indexOf

Q49. Which of the following function of String object returns a number indicating the Unicode value of the character at the given index?
a. charAt   **b. charCodeAt**   c. concat   d. indexOf

Q50. Which of the following function of String object combines the text of two strings and returns a new string?
a. add   b. merge   **c. concat**   d. append

Q51. Which of the following function of String object returns the index within the calling String object of the first occurrence of the specified value?
   a. substr   b. search   c. lastIndexOf   **d. indexOf**

Q52. Which of the following function of String object returns the index within the calling String object of the last occurrence of the specified value?
   a. lastIndexOf   b. search   c. substr   d. indexOf

Q53. Which of the following function of String object returns a number indicating whether a reference string comes before or after or is the same as the given string in sort order?
   a. localeCompare   b. search   c. substr   d. concat

Q54. Which of the following function of String object is used to match a regular expression against a string?
   a. concat   **b. match**   c. search   d. replace

Q55. Which of the following function of String object is used to find a match between a regular expression and a string, and to replace the matched substring with a new substring?
   a. concat   b. match   **c. replace**   d. search

Q56. Which of the following function of String object executes the search for a match between a regular expression and a specified string?
   a. concat   b. match   c. replace   **d. search**

Q57. Which of the following function of String object extracts a section of a string and returns a new string?
   a. slice   b. split   c. replace   d. search

Q58.Which of the following function of String object splits a String object into an array of strings by separating the string into substrings?
   a. slice   **b. split**   c. replace   d. search

Q59. Which of the following function of String object returns the characters in a string beginning at the specified location through the specified number of characters?
   a. slice   b. split   **c. substr**   d. search

Q60. Which of the following function of String obje string between two indexes into the string?
   a. slice   b. split   c. substr   **d. substring**

Q61. Which of the following function of String object returns the calling string value converted to lower case while respecting the current locale?
   a. toLocaleLowerCase   b. toLowerCase   c. toString   d. substring

Q62. Which of the following function of String object returns the calling string value converted to lower case?
   a. toLocaleLowerCase   **b. toLowerCase**   c. toString   d. substring

Q63.Which of the following function of String object returns the calling string value converted to upper case while respecting the current locale?
   a. toLocaleUpperCase   b. toUpperCase   c. toString   d. substring

Q64. Which of the following function of String object returns the calling string value converted to upper case?
   a. toLocaleUpperCase   **b. toUpperCase**   c. toString   d. substring

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Q65. Which of the following function of String object returns a string representing the specified object?
    a. toLocaleUpperCase   b. toUpperCase   **c. toString**   d. substring

Q66. Which of the following function of String object returns the primitive value of the specified object.
    a. toLocaleUpperCase   b. toUpperCase   c. toString   **d. valueOf**

Q67. Which of the following function of String object creates an HTML anchor that is used as a hypertext target?
    a. anchor   b. link   c. blink   d. big

Q68. Which of the following function of String object creates a string to be displayed in a big font as if it were in a <big> tag?
    a. anchor   **b. big**   c. blink   d. italics

Q69. Which of the following function of String object creates a string to blink as if it were in a <blink> tag?
    a. anchor   b. big   **c. blink**   d. italics

Q70. Which of the following function of String object creates a string to be displayed as bold as if it were in a <b> tag?
    a. anchor   b. big   c. blink   **d. bold**

Q71. Which of the following function of String object causes a string to be displayed in fixed-pitch font as if it were in a <tt> tag?
    a. fixed   b. big   c. blink   d. bold

Q72. Which of the following function of String object causes a string to be displayed in the specified color as if it were in a <font color='color'> tag?
    a. fixed   **b. fontcolor**   **c.** blink   d. bold

Q73. Which of the following function of String object causes a string to be displayed in the specified size as if it were in a <font size = 'size'> tag?
    a. fixed   b. fontcolor   **c. fontsize**   d. bold

Q74. Which of the following function of String object causes a string to be italic, as if it were in an <i> tag?
    a. fixed   b. fontcolor   c. fontsize   **d. italics**

Q75. Which of the following function of String object creates an HTML hypertext link that requests another URL?
    a. link   b. sub   c. sup   d. small

Q76. Which of the following function of String object causes a string to be displayed in a small font, as if it were in a <small> tag?
    a. link   **b. small**   c. sup   d. sub

Q77. Which of the following function of String object causes a string to be displayed as struck-out text, as if it were in a <strike> tag?
    a. sup   b. small   **c. strike**   d. sub

Q78. Which of the following function of String object causes a string to be displayed as a subscript, as if it were in a <sub> tag?

a. sup   b. small   c. strike   **d. sub**

Q79.Which of the following function of String object causes a string to be displayed as a superscript, as if it were in a <sup> tag?

a. sup   b. small   c. strike   d. sub

Q80. Which of the following function of Array object returns a new array comprised of this array joined with other arrays and/or values?

a. concat   b. pop   c. push   d. some

Q81. Which of the following function of Array object returns true if every element in this array satisfies the provided testing function?

a. concat   **b. every**   c. push   d. some

Q82. Which of the following function of Array object creates a new array with all of the elements of this array for which the provided filtering function returns true?

a. concat   b. every   **c. filter**   d. some

Q83. Which of the following function of Array object calls a function for each element in the array?

a. concat   b. every   c. filter   **d. forEach**

Q84. Which of the following function of Array object returns the first least index of an element within the array equal to the specified value, or -1 if none is found?

a. indexOf   b. join   c. lastIndexOf   d. map

Q85. Which of the following function of Array object joins all elements of an array into a string?

a. concat   **b. join**   c. pop   d. map

Q86. Which of the following function of Array object returns the last greatest index of an element within the array equal to the specified value, or -1 if none is found?

a. indexOf   b. join   **c. lastIndexOf**   d. map

Q87.Which of the following function of Array object creates a new array with the results of calling a provided function on every element in this array?

a. push   b. join   c. pop   **d. map**

Q88. Which of the following function of Array object removes the last element from an array and returns that element?

a. pop   b. push   c. join   d. map

Q89. Which of the following function of Array object adds one or more elements to the end of an array and returns the new length of the array?

a. pop   **b. push**   c. join   d. map

Q90. Which of the following function of Array object applies a function simultaneously against two values of the array fromleft – to – right as to reduce it to a single value?

a. pop   b. push   **c. reduce**   d. reduceRight

Q91. Which of the following function of Array object applies a function simultaneously against two values of the array fromright – to – left as to reduce it to a single value?
  a. pop   b. push   c. reduce   **d. reduceRight**

Q92. Which of the following function of Array object reverses the order of the elements of an array?
  a. reverse   b. push   c. reduce   d. reduceRight

Q93. Which of the following function of Array object removes the first element from an array and returns that element?
  a. reverse   **b**. **shift**   c. slice   d. some

Q94. Which of the following function of Array object extracts a section of an array and returns a new array?
  a. reverse   b. shift   **c**. **slice**   d**.** some

Q95. Which of the following function of Array object returns true if at least one element in this array satisfies the provided testing function?
  a. reverse   b. shift   c. slice   **d. some**

Q96. Which of the following function of Array object represents the source code of an object?
  a. toSource   **b**. splice   c. toString   d. unshift

Q97. Which of the following function of Array object sorts the elements of an array?
  a. toSource   **b. sort**   c. toString   d. unshift

Q98. Which of the following function of Array object adds and/or removes elements from an array?
  a. toSource   b. sort   **c. splice**   d**.** unshift

Q99. Which of the following function of Array object returns a string representing the array and its elements?
  a. toSource   b. sort   c. splice   **d**. **toString**

Q100. Which of the following function of Array object adds one or more elements to the front of an array and returns the new length of the array?
  a. unshift   b**.** sort   c. splice   d. toString

Q101. Which of the following is correct about features of JavaScript?
  a. JavaScript is complementary to and integrated with HTML   b. JavaScript is open and cross-platform.
  c. Both of the above.   d. All of the above

Q102. Can you pass a anonymous function as an argument to another function?
  a. true   b. False

Q103. Which of the following is correct about call backs?
  a. A call back is a plain JavaScript function passed to some method as an argument or option.
  b. Some call backs are just events, called to give the user a chance to react when a certain state is triggered.
  c. Both of the above.   d. None of the above.

Q104. Which of the following code creates an object?
a. var book = Object();   b. **var book = new Object();**   c**.** var book = new OBJECT();   d. var book = new Book();

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Q105. Which of the following function of Number object returns a string value version of the current number?
    a. toString()   b. toFixed()   c. toLocaleString()   d. toPrecision()

Q106. Which of the following function of String object is used to match a regular expression against a string?
    a. concat()   **b. match()**   c. search()   d. replace()

Q107. Which of the following function of String object returns a string representing the specified object?
    a. toLocaleUpperCase()   b. toUpperCase()   **c. toString()**   d. substring()

Q108. Which of the following function of String object causes a string to be displayed in the specified size as if it were in a <font size = 'size'> tag?
    a. fixed()   b. fontcolor()   **c. fontsize()**   d. bold()

Q109. Which of the following function of Array object calls a function for each element in the array?
    a. concat()   b. every()   c. filter()   **d. forEach()**

Q110. Which of the following function of Array object adds and/or removes elements from an array?
    a. toSource()   b. sort()   **c. splice()**   d. unshift()

J Query

Q1. Which of the following is correct about jQuery selector?
    a. A jQuery Selector is a function which makes use of expressions to find out matching elements from a DOM based on the given criteria.
    b. jQuery selectors are used to select one or more HTML elements using jQuery.
    c. jQuery selectors start with the dollar sign and parentheses - $()
    d. All of the above.

Q2. Which of the following jQuery selector selects elements with the given element tag-name?
    a. $('tag-name')   b. $('#tag-name')   c. $('.tag-name')   d. None of the above.

Q3. Which of the following jQuery selector selects element with the given element id some-id?
    a. $('some-id')   **b. $('#some-id')**   c. $('.some-id')   d. None of the above.

Q4. Which of the following jQuery selector select elements whose css class is someclass?
    a. $('some-class')   b. $('#some-class')   **c. $('.some-class')**   d. None of the above.

Q5. Which of the following jQuery selector selects all elements available in a DOM?
    a. $('*')   b. $('?')   c. $('#')   d. None of the above.

Q6. Which of the following jQuery method gets attributes of an element?
    a. attr   b. getAttr   c. getAttributes   d. None of the above.

Q7. Which of the following jQuery method sets attributes of an element?
    a. attrname, value   b. setAttrname, value   c. setAttributesname, value   d. None of the above.

Q8. Which of the following jQuery method apply a style on an element?
    a. addStyleclasses   **b. addClassclasses**   c. addCSSClassclasses   d. None of the above.

Q9. Which of the following jQuery method removes an attribute from each of the matched elements?

a. deleteAttrname **b. removeAttrname** c. removeAttributename d. None of the above.

Q10. Which of the following jQuery method returns true if the specified class is present on at least one of the set of matched elements?
a. hasCSSClassclass b. hasStyleClassclass **c. hasClassclass** d. None of the above.

Q11. Which of the following jQuery method remove all or the specified classes from the set of matched elements?
a. removeClassclass b. removeStyleClassclass c. removeCSSClassclass d. None of the above.

Q12.Which of the following jQuery method adds the specified class if it is not present, remove the specified class if it is present?
a. toggleStyleClassclass **b. toggleClassclass** c. toggleCSSClassclass d. None of the above.

Q13. Which of the following jQuery method gets the html contents innerHTML of the first matched element?
a. html b. getHtml c. getInnerHtml d. None of the above.

Q14. Which of the following jQuery method sets the html contents of an element?
a. htmlval b. setHtmlval c. setInnerHtmlval d. None of the above.

Q15. Which of the following jQuery method get the text contents of an element?
a. text b. getText c. getContent d. None of the above.

Q16. Which of the following jQuery method sets the text of an element?
a. textval b. setTextval c. setContentval d. None of the above.

Q17. Which of the following jQuery method get the input value of an element?
a. getContent **b. val** c. getValue d. None of the above.

Q18. Which of the following jQuery method set the value of an element?
a. setContentval **b. valval** c. setValueval d. None of the above.

Q19. Which of the following jQuery method filter out elements from a set of matched elements?
a. filterselector b. setFilterselector c. putFilterselector d. None of the above.

Q20. Which of the following jQuery method reduce the set of matched elements to a single element?
a. isEqualindex **b. eqindex** c. checkEqualselector d. None of the above.

Q21. Which of the following jQuery method checks the current selection against an expression?
a. getIsselector **b. isselector** c. checkIsselector d. None of the above.

Q22. Which of the following jQuery method removes elements matching the specified selector from the set of matched elements?
a. getNotEqualsselector b. isNotEqualsselector **c. notselector** d. None of the above.

Q23. Which of the following jQuery method selects a subset of the matchedelements?
a. subsetselector b. getSubsetselector **c. sliceselector** d. None of the above.

Q24. Which of the following jQuery method adds more elements, matched by the given selector, to the set of matched elements?
a. addselector b. addElementselector c. appendselector d. None of the above.

Q25. Which of the following jQuery method adds the previous selection to the current selection?
a. addselector
b. andSelf
c. appendselector
d. None of the above.

Q26. Which of the following jQuery method gets a set of elements containing all of the unique immediate children of each of the matched set of elements?
a. getChildselector
b. children[selector]
c. getChildrenselector
d. None of the above.

Q27. Which of the following jQuery method gets a set of elements containing the closest parent element that matches the specified selector, the starting element included?
a. getNearestselector
b. getClosest[selector]
c. closestselector
d. None of the above.

Q28. Which of the following jQuery method finds all the child nodes inside the matched elements includingtextnodes, or the content document, if the element is an iframe?
a. getChildrenselector
b. getContents[selector]
c. contentsselector
d. None of the above.

Q29. Which of the following jQuery method reverts the most recent 'destructive'operation, changing the set of matched elements to its previous state?
a. revert
b. end
c. undo
d. None of the above.

Q30. Which of the following jQuery method searches for descendent elements that match the specified selectors?
a. locateselector
b. findselector
c. searchselector
d. None of the above.

Q31. Which of the following jQuery method gets a set of elements containing the unique next siblings of each of the given set of elements?
a. locateNextselector
b. getNextselector
c. nextselector
d. None of the above.

Q32. Which of the following jQuery method finds all sibling elements after the current element?
a. locateNextAllselector
b. getNextAllselector
c. nextAllselector
d. None of the above.

Q33. Which of the following jQuery method returns a jQuery collection with the positioned parent of the first matched element?
a. offsetParentselector
b. offsetselector
c. parentselector
d. None of the above.

Q34. Which of the following jQuery method gets the direct parent of an element?
a. offsetParentselector
b. offsetselector
c. parentselector
d. None of the above.

Q35. Which of the following jQuery method gets a set of elements containing the unique ancestors of the matched set of elements?
a. offsetParentselector
b. offsetselector
c. parentsselector
d. None of the above.

Q36. Which of the following jQuery method gets a set of elements containing the unique previous siblings of each of the matched set of elements?
a. parentsselector
b. prevselector
c. siblingsselector
d. None of the above.

Q37. Which of the following jQuery method finds all sibling elements in front of the current element?
a. parentsselector
b. prevAllselector
c. siblingsselector
d. None of the above.

Q38. Which of the following jQuery method gets a set of elements containing all of the unique siblings of each of the matched set of elements?

    a. parentsselector   b. prevAllselector   **c. siblingsselector**   d. None of the above.

Q39. Which of the following jQuery method gets the style property of an element?

    a. getClassname   b. getStylename   **c. cssname**   d. None of the above.

Q40. Which of the following jQuery method sets the style property of an element?

    a. setClassname, value   b. setStylename, value   **c. cssname, value**   d. None of the above.

Q41. Which of the following jQuery method sets the height property of an element?

    a. setCSSHeightvalue   b. setHeightvalue   **c. heightvalue**   d. None of the above.

Q42. Which of the following jQuery method gets the height property of an element?

    a. getCSSHeight   b. getHeight   **c. height**   d. None of the above.

Q43. Which of the following jQuery method sets the width property of an element?

    a. setCSSWidthvalue   b. setWidthvalue   **c. widthvalue**   d. None of the above.

Q44. Which of the following jQuery method gets the width property of an element?

    a. getCSSWidth   b. getWidth   **c. width**   d. None of the above.

Q45. Which of the following jQuery method gets the inner height excludingtheborder of an element?

    a. getCSSHeight   **b. innerHeight**   c. getInnerHeight   d. None of the above.

Q46. Which of the following jQuery method gets the inner width excludingtheborder of an element?

    a. getCSSWidth   **b. innerWidth**   c. getInnerWidth   d. None of the above.

Q47. Which of the following jQuery method gets the current offset of the first matched element, in pixels, relative to the document?

    a. offset   b. offsetParent   c. position   d. None of the above.

Q48. Which of the following jQuery method returns a jQuery collection with the positioned parent of the first matched element?

    a. offset   **b. offsetParent**   c. position   d. None of the above.

Q49. Which of the following jQuery method returns the top and left position of an element relative to its offset parent?

    a. offset   b. offsetParent   **c. position**   d. None of the above.

Q50. Which of the following jQuery method returns the outer height including the border of an element?

    a. getCSSHeight   b. getHeight   **c. outerHeight[margin]**   d. None of the above.

Q51.How can you get the type of arguments passed to a function?

    a. using type of operator   b. using get Type function   c. Both of the above.   d. None of the above.

Q52. Which built-in method combines the text of two strings and returns a new string?

    a. append()   **b. concat()**   c. attach()   d. None of the above.

Q53. Which of the following jQuery selector select elements whose css class is some-class?
    a. $('some-class')   b. $('#some-class')   **c. $('.some-class')**   d. None of the above.

Q54. Which of the following jQuery method gets the html contents (innerHTML) of the first matched element?
    a. html( )   b. getHtml( )   c. getInnerHtml( )   d. None of the above.

Q55. Which of the following jQuery method adds more elements, matched by the given selector, to the set of matched elements?
    a. add(selector)   b. addElement(selector)   c. append(selector)   d. None of the above.

Q56. Which of the following jQuery method reverts the most recent 'destructive' operation, changing the set of matched elements to its previous state?

    a. revert( )   **b. end( )**   c. undo( )   d. None of the above.

Q57. Which of the following jQuery method gets the width property of an element?
    a. getCSSWidth( )   b. getWidth( )   **c. width( )**   d. None of the above.

Q58. Which of the following jQuery method gets the current offset of the first matched element, in pixels, relative to the document?
    a. offset( )   b. offsetParent( )   c. position( )   d. None of the above.

Q59. Which of the following jQuery method stops the bubbling of an event to parent elements?
    a. preventDefault( )   b. stopImmediatePropagation( )   **c. stopPropagation( )**   d. None of the above.

Q60. Which of the following jQuery method loads a remote page using an HTTP GET request?
    a. jQuery.get(url, [data], [callback], [type])   b. jQuery.getJSON(url, [data], [callback])
    c. jQuery.getScript(url, [callback])   d. jQuery.post(url, [data], [callback], [type])

Q61. Which of the following is correct?
    a. jQuery is a JavaScript Library   b. jQuery is a JSON Library

Q62. jQuery uses CSS selectors to select elements?

    a. True   b. False

Q63. With jQuery, look at the following selector: $("div"). What does it select?
    a. All div elements   b. The first div element

Q64. Which sign does jQuery use as a shortcut for jQuery?
    a. the % sign   b. the ? Sign   **c. the $ sign**

Q65. jQuery a library for client scripting or server scripting?
    a. Client scripting   b. Server scripting

Q66. Is it possible to use jQuery together with AJAX?
    a. No   **b. Yes**

Q67. The jQuery html() method works for both HTML and XML documents
    a. True   **b. False**

Q68. What is the correct jQuery code to set the background color of all p elements to red?
    a. $("p").manipulate("background-color","red");   b. $("p").style("background-color","red");

c. $("p").css("background-color","red");   d. $("p").layout("background-color","red");

Q69. With jQuery, look at the following selector: $("div.intro"). What does it select?
    a. The first div element with id="intro"   b. **All div elements with class="intro"**
    c. The first div element with class="intro"   d. All div elements with id="intro"

Q70. Which jQuery method is used to hide selected elements?
    a. display(none)   b. visible(false)   **c. hide()**   d. hidden()

Q71. Which jQuery method is used to set one or more style properties for selected elements?
    a. css()   b. style()   c. html()

Q72. Which jQuery method is used to perform an asynchronous HTTP request?
    a. jQuery.ajaxSetup()   b. **jQuery.ajax()**   c. jQuery.ajaxAsync()
Q73. What is the correct jQuery code for making all div elements 100 pixels high?
    a. $("div").height="100"   b. **$("div").height(100)**   c. $("div").yPos(100)

Q74. Which statement is true?
    a. To use jQuery, you can refer to a hosted jQuery library at Google
    b. To use jQuery, you must buy the jQuery library at www.jquery.com
    c. To use jQuery, you do not have to do anything. Most browsers (Internet Explorer, Chrome, Firefox and Opera) have
    d. the jQuery library built in the browser

Q75. What scripting language is jQuery written in?
    a. VBScript   b. C#   c. C++   **d. JavaScript**

Q76. Which jQuery function is used to prevent code from running, before the document is finished loading?
    a. $(document).ready()   b. $(document).load()   d. $(body).onload()

Q77. Which jQuery method should be used to deal with name conflicts?
    a. noNameConflict()   b. nameConflict()   **c. noConflict()**   d. conflict()

Q78. Which jQuery method is used to switch between adding/removing one or more classes (for CSS) from selected elements?
    a. toggleClass()   b. switch()   c. altClass()   d. switchClass()

Q79. Look at the following jQuery selector: $("div#intro .head"). What does it select?
    a. All elements with class="head" inside the div element with id="intro"
    b. All div elements with id="intro" or class="head"
    c. The first element with id="head" inside any div element with class="intro"

Q80. Is jQuery a W3C standard?
    a. No   b. Yes

Q81. What will happen by $("#wblogo").html() It will return html from wblogo id element a.
    a. It will set blank html to wblogo id element   b. **It will return html from wblogo id element**
    c. It will set blank html to wblogo class element

Q82. With jQuery, look at the following selector: $("div.intro"). What does it select?

a. The first div element with class="intro"   **b. All div elements with class="intro"**
c. The first div element with id="intro"   d. All div elements with id="intro"

Q83. Which jquery .js version file should be deployed to production?
a. jquery-1.x.x.js   **b. jquery-1.x.x.min.js**   c. validation.js   d. required.js

Q84. How can you get href value from <a href=\"http://www.xchanging.com\" id=\"logo\"/>
a. $("#logo").attr("#href")   b. $("logo").("href")   **d. $("#logo").attr("href")**   d. $("#logo").href

Q85. What is the correct jQuery code to set the background color of all p elements to red?
a. $("p").manipulate("background-color","red");   b. $("p").style("background-color","red");
c. $("p").layout("background-color","red");   **d. $("p").css("background-color","red");**

Q86. Which jQuery method is used to switch between adding/removing one or more classes (for CSS) from selected elements?
a. switchClass()   b. addRemoveClass()   c. altClass()   **d. toggleClass()**

Q87. How to read value between span tag with id dd
a. $("#dd").text()   b. $("#dd").txt()   c. $("#dd").text   d. $("span").text()

Q88. How to set value "hello world" in div tag
a. $("div").text("hello world")   b. "hello world"   c. $("div").text ="hello world"   d. none

Q89. How to read data from text box having id "tt"
a. $("#tt").val();   b. $("#tt").value();   c. $("#tt").value;   d. $("#tt").val;

Q90. How to set attribute title="link" for anchor tag dynamically in jQuery
a. $("a").attr("title","link")   b. $("a").val(title="link");   c. $("a").attr(title="link");   d. none

Node JS

Q1. Which of the following is true about Node.JS?
a. Node.js is a JavaScript based framework/platform built on Google Chrome's JavaScript V8 Engine.
b. Node.JS is used to delevop I/O intensive web applications like video streaming sites, single page   applications and other web application.
c. Node.js is open source and is completely free to use.
d. All of the above.

Q2.What is Node.JS?
a. Node.js is a web server.
b. Node.js is a JavaScript based framework/platform built on Google Chrome's JavaScript V8 Engine.
c. Node.js is a java based framework
d. None of the above.

Q3. All APIs of Node.JS are.
a. Asynchronous   b. Synchronous   c. Both of the above   d. None of the above.

Q4. Why code written in Node.JS is pretty fast although being written in JavaScript?
    a. Node.JS internally converts JavaScript code to Java based code and then execute the same.
    b. Node.JS internally converts JavaScript code to C based code and then execute the same.
    c. Being built on Google Chrome's V8 JavaScript Engine.
    d. None of the above.

Q5. How Node based web servers are different from traditional web servers?
    a. Node based server process request much faster than traditional server.
    b. Node based server uses a single threaded model and can services much larger number of requests than traditional server like Apache HTTP Server.
    c. There is no much difference between the two.
  d. None of the above.

Q6. In which of the following areas, Node.js is perfect to use?
    a. I/O bound Applications   b. Data Streaming Applications
    c. Data Intensive Realtime Applications DIRT   **d. All of the above.**

Q7. In which of the following areas, Node.js is not advised to be used?
    a. Single Page Applications   b. JSON APIs based Applications
    b. CPU intensive applications   d. Data Intensive Realtime Applications DIRT

Q8. Which of the following is true about EventEmitter.emit property?
    a. emit property is used to locate an event handler.
    b. emit property is used to bind a function with the event.
    c. emit property is used to fire an event.
    d. None of the above.

Q9. REPL stands for.
  a. Research Eval Program Learn   **b. Read Eval Print Loop**
  c. Read Earn Point Learnd   d. Read Eval Point Loop

Q10. Which of following command starts a REPL session?
    a. $ node   b. $ node start   c. $ node repl   d. $ node console

Q11. What is use of Underscore Variable in REPL session?
    a. to get the last command used.   **b. to get the last result.**
    c. to store the result.   d. None of the above.

Q12. What npm stands for?
    a. Node Package Manager   b. Node Project Manager
    c. New Project Manager   d. New Package Manager

Q13. Which of the following command will show version of Node?
    a. $ npm –version   **b. $ node –version**
    c. $ npm getVersion   d. $ node getVersion

Q14. Which of the following command will show version of npm?
    a. $ npm –version   b. $ node –version

c. $ npm getVersion   d. sssss$ node getVersion

Q15. By default, npm installs any dependency in the local mode.
    a. true   b. false

Q16.By default, npm installs any dependency in the global mode.
    a. true   **b. false**

Q17. Which of the following command will show all the modules installed globally?
    a. $ npm ls –g   b. $ npm ls   c. $ node ls –g   d. $ node ls

Q18. Which of the following command will show all the modules installed locally.
    a. $ npm ls –g   **b. $ npm ls**   c. $ node ls –g   d. $ node ls

Q19. Which of the following is true about package.json?
    a. package.json is present in the root directory of any Node application/module.
    b. package.json is used to define the properties of a package.
    c. package.json can be used to update dependencies of a Node application.
    d. All of the above.

Q20. What is Callback?
    a. Callback is an asynchronous equivalent for a function.
    b. Call-back is a technique in which a method call back the caller method.
    c. Both of the above.
    d. None of the above.

Q21. Node jess is a single threaded application but supports concurrency.
    a. true   b. false

Q22. Which of the following is true with respect to Node.
    a. Every API of Node js are asynchronous.
    b. Node being a single thread, and uses async function calls to maintain the concurrency.
    c. Node thread keeps an event loop and whenever any task get completed, it fires the corresponding event which signals the event listener function to get executed.
    d. All of the above.

Q23. Which of the following provides in-built events.
    a. events   b. callback   c. throw   d. handler

Q24. Which of the following is true about EventEmitter.on property?
    a. on property is used to fire event.
    b. on property is used to bind a function with the event.
    c. on property is used to locate an event handler.
    d. None of the above.

Angular JS 2

1) Which of the following is correct about Angular 2 Components?
a)   AngularJS had a focus of Controllers but Angular 2 has changed the focus to having components over controllers.
b)   Components help to build the applications into many modules.
c)   This helps in better maintaining the application over a period of time.
d)   All of the above.

2) Which of the following is correct about TypeScript?
a)   Angular 2 is based on TypeScript.
b)   This is a superset of JavaScript.
c)   TypeScript is maintained by Microsoft.
d)   All of the above.

3) Which of the following is correct about Services?
a)   Angular 2 Services are a set of code that can be shared by different components of an application.
b)   Angular 2 Services cannot be used across multiple applications.
c)   Angular 2 Services help to build the applications into many modules.
d)   All of the above.

4) Which of the following is true?
a)   Angular 2 Service is used to break up the application into logical pieces of code.
b)   Angular 2 Module is used to break up the application into logical pieces of code.
c)   Angular 2 Template is used to break up the application into logical pieces of code.
d)   None of the above.

5) Which of the following is true?
a)   Angular 2 Service can be used to bring the modules together.
b)   Angular 2 Template can be used to bring the modules together.
c)   Angular 2 Component can be used to bring the modules together.
d)   None of the above.

6) Which of the following is true?
a)   Angular 2 Services are used to define the views of an Angular JS application.
b)   Angular 2 Templates are used to define the views of an Angular JS application.
c)   Angular 2 Components are used to define the views of an Angular JS application.
d)   None of the above.

7) Which of the following is true?
a)   Angular 2 Services can be used to add more data to an Angular JS class.
b)   Angular 2 Metadata can be used to add more data to an Angular JS class.
c)   Angular 2 Components can be used to add more data to an Angular JS class.
d)   None of the above.

8) Which of the following is true?
a)   Angular 2 Modules are used to create components which can be shared across the entire application.
b)   Angular 2 Metadata is used to create components which can be shared across the entire application.
c)   Angular 2 Services are used to create components which can be shared across the entire application.
d)   None of the above.

9) Which of the following is correct about Bootstrap Array in Angular 2 Modules?

a)   This is used to tell Angular JS which components need to be loaded so that its functionality can be accessed in the application.

b)   Once you include the component in the bootstrap array, you need to declare them so that they can be used across other components in the Angular JS application.

c)   Both of the above.

d)   None of the above.

10) Which of the following is correct about Export Array in Angular 2 Modules?

a)   This is used to export components, directives, and pipes which can then be used in other modules.

b)   This is used to export services which can then be used in other services.

c)   Both of the above.

d)   None of the above.

11) Which of the following is correct about Import Array in Angular 2 Modules?

a)   Import array can be used to import the functionality from other Angular JS modules.

b)   Import array can be used to import the templates.

c)   Both of the above.

d)   None of the above.

12) Which of the following is correct about Angular 2 Directive?

a)   A directive is a custom HTML element that is used to extend the power of HTML.

b)   A directive can be used to import the functionality from other Angular JS modules.

c)   Both of the above.

d)   None of the above.

13) Which of the following is correct about Angular 2 Error Handling?

a)   This is done by including the ReactJS catch library and then using the catch function.

b)   The catch function contains a link to the Error Handler function.

c)   Both of the above.

d)   None of the above.

14) Which of the following is correct about Angular 2 Routing?

a)   Routing helps in directing users to different pages based on the option they choose on the main page.

b)   Based on the option they choose, the required Angular Component will be rendered to the user.

c)   Both of the above.

d)   None of the above.

15) Which of the following is correct about CLI?

a)   CLI stands for Command Line Interface.

b)   CLI can be used to create Angular JS application.

c)   It also helps in creating a unit and end-to-end tests for the application.

d)   All of the above.

16) Which of the following is correct about tsconfig.json?

a)   This file is used to give the options about TypeScript used for the Angular JS project.

b)   This file contains information about Angular 2 project.

c)   This file contains the system files required for Angular JS application.

d)   All of the above.

17) Which of the following is correct about tsconfig.json?
    a) The target for the compilation is generally es5 because most browsers can only understand ES5 typescript.
    b) The sourceMap option is used to generate Map files, which are useful when debugging. Hence, during development it is good to keep this option as true.
    c) The "emitDecoratorMetadata": true and "experimentalDecorators": true is required for Angular JS decorators. If not in place, Angular JS application will not compile.
    d) All of the above.

18) Which of the following is correct about package.json?
    a)   This file is used to give the options about TypeScript used for the Angular JS project.
    b)   This file contains information about Angular 2 project.
    c)   This file contains the system files required for Angular JS application.
    d)   All of the above.

19) Which of the following is correct about package.json?
    a)   There are two types of dependencies, first is the dependencies and then there are dev dependencies.
    b)   The dev ones are required during the development process and the others are needed to run the application.
    c)   Both of the above.
    d)   None of the above.

20) Which of the following is correct about systemjs.config.json?
    a)   This file is used to give the options about TypeScript used for the Angular JS project.
    b)   This file contains information about Angular 2 project.
    c)   This file contains the system files required for Angular JS application.
    d)   All of the above.

21) Which of the following is correct about systemjs.config.json?
    a)   'npm:': 'node_modules/' tells the location in our project where all the npm modules are located.
    b)   The mapping of app: 'app' tells the folder where all our applications files are loaded.
    c)   Both of the above.
    d)   None of the above.

22) Which of the following filter is used to convert input to all lowercase?
a) lowercase   b) lower   c) Both of the above.   d) None of the above.

23) Which of the following is the correct way to apply a filter?
a) Property-value || filter   b) Property-value && filter
c) Property-value | filter   c) None of the above.

24) Which of the following filter is used to convert input to all uppercase?
a) uppercase   b) upper   c) Both of the above.   d) None of the above.

25) Which of the following filter is used to slice a piece of data from the input string.
a) slice   b) substring   c) Both of the above.   d) None of the above.

26) Which of the following filter is used to convert an input string to date format.

a) dateformat   **b) date**   c) Both of the above.   d) None of the above.

27) Which of the following filter is used to convert an input string to currency format.
a) currency   b) amount   c) Both of the above.   d) None of the above.

28) Which of the following filter is used to convert an input string to percentage format.
a) percentage   **b) percent**   c) Both of the above.   d) None of the above.

29) Which of the following is correct about lifecycle hook - ngOnChanges.
  a)   When the value of a data bound property changes, then this method is called.
  b)   This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
  c)   This is for the detection and to act on changes that Angular can't or won't detect on its own.
  d)   This is called in response after Angular projects external content into the component's view.

30) Which of the following is correct about lifecycle hook - ngOnInit.
  a)   When the value of a data bound property changes, then this method is called.
  b)   This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
  c)   This is for the detection and to act on changes that Angular can't or won't detect on its own.
  d)   This is called in response after Angular projects external content into the component's view.

31) Which of the following is correct about lifecycle hook - ngDoCheck.
  a)   When the value of a data bound property changes, then this method is called.
  b)   This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
  c)   This is for the detection and to act on changes that Angular can't or won't detect on its own.
  d)   This is called in response after Angular projects external content into the component's view.

32) Which of the following is correct about lifecycle hook - ngAfterContentInit.
  a)   When the value of a data bound property changes, then this method is called.
  b)   This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
  c)   This is for the detection and to act on changes that Angular can't or won't detect on its own.
  d)   This is called in response after Angular projects external content into the component's view.

33) Which of the following is correct about lifecycle hook - ngAfterContentChecked.
  a)   This is called in response after Angular checks the content projected into the component.
  b)   This is called in response after Angular initializes the component's views and child views.
  c)   This is called in response after Angular checks the component's views and child views.
  d)   This is the cleanup phase just before Angular destroys the directive/component.

34) Which of the following is correct about lifecycle hook - ngAfterViewInit.
  a)   This is called in response after Angular checks the content projected into the component.
  b)   This is called in response after Angular initializes the component's views and child views.
  c)   This is called in response after Angular checks the component's views and child views.
  d)   This is the cleanup phase just before Angular destroys the directive/component.

35) Which of the following is correct about lifecycle hook - ngAfterViewChecked.

a) This is called in response after Angular checks the content projected into the component.

b) This is called in response after Angular initializes the component's views and child views.

c) This is called in response after Angular checks the component's views and child views.

d) This is the cleanup phase just before Angular destroys the directive/component.

36) Which of the following is correct about lifecycle hook - ngOnDestroy.

a) This is called in response after Angular checks the content projected into the component.

b) This is called in response after Angular initializes the component's views and child views.

c) This is called in response after Angular checks the component's views and child views.

d) This is the cleanup phase just before Angular destroys the directive/component.

37) Which of the following is correct about systemjs.config.json?

a) 'npm:': 'node_modules/' tells the location in our project where all the npm modules are located.

b) The mapping of app: 'app' tells the folder where all our applications files are loaded.

c) Both of the above.

d) None of the above.

Explanation

'npm:': 'node_modules/' tells the location in our project where all the npm modules are located. The mapping of app: 'app' tells the folder where all our applications files are loaded.

38) Which of the following is correct about Bootstrap Array in Angular 2 Modules?

a) This is used to tell Angular JS which components need to be loaded so that its functionality can be accessed in the application.

b) Once you include the component in the bootstrap array, you need to declare them so that they can be used across other components in the Angular JS application.

c) Both of the above.

d) None of the above.

Explanation

Angular 2 Bootstrap array is used to tell Angular which components need to be loaded so that its functionality can be accessed in the application. Once you include the component in the bootstrap array, you need to declare them so that they can be used across other components in the Angular application.

39) Which of the following is true?

a) Angular 2 Service is used to break up the application into logical pieces of code.

b) Angular 2 Module is used to break up the application into logical pieces of code.

c) Angular 2 Template is used to break up the application into logical pieces of code.

d) None of the above.

Explanation

Angular 2 Module is used to break up the application into logical pieces of code. Each piece of code or module is designed to perform a single task.

40) Which of the following is true?

a) Angular 2 Service can be used to bring the modules together.

b) Angular 2 Template can be used to bring the modules together.

c) Angular 2 Component can be used to bring the modules together.

d) None of the above.

Explanation

Angular 2 Component can be used to bring the modules together.

41) Which of the following is true?
   a) Angular 2 Services are used to define the views of an Angular JS application.
   b) Angular 2 Templates are used to define the views of an Angular JS application.
   c) Angular 2 Components are used to define the views of an Angular JS application.
   d) None of the above.

Explanation
Angular 2 Templates are used to define the views of an Angular JS application.

42) Which of the following is correct about Import Array in Angular 2 Modules?
   a) Import array can be used to import the functionality from other Angular JS modules.
   b) Import array can be used to import the templates.
   c) Both of the above.
   d) None of the above.

Explanation
Angular 2 Import array can be used to import the functionality from other Angular JS modules.

43) Which of the following is correct about lifecycle hook - ngAfterContentInit.
   a) When the value of a data bound property changes, then this method is called.
   b) This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
   c) This is for the detection and to act on changes that Angular can't or won't detect on its own.
   d) This is called in response after Angular projects external content into the component's view.

Explanation
ngAfterContentInit method is called in response after Angular projects external content into the component's view.

44) Which of the following filter is used to convert input to all uppercase?
a) uppercase   b) upper   c) Both of the above.   d) None of the above.

Explanation
uppercase filter is used to convert the input to all uppercase.

45) Which of the following is correct about Angular 2 Error Handling?
   a) This is done by including the ReactJS catch library and then using the catch function.
   b) The catch function contains a link to the Error Handler function.
   c) Both of the above.
   d) None of the above.

Explanation
Angular 2 applications have the option of error handling. This is done by including the ReactJS catch library and then using the catch function. The catch function contains a link to the Error Handler function.

46) Which of the following is correct about Angular 2 Components?
   a) AngularJS had a focus of Controllers but Angular 2 has changed the focus to having components over controllers.
   b) Components help to build the applications into many modules.
   c) This helps in better maintaining the application over a period of time.
   d) All of the above.

47) Which of the following is correct about TypeScript?

a) Angular 2 is based on TypeScript.
b) This is a superset of JavaScript.
c) TypeScript is maintained by Microsoft.
d) All of the above.

48) Which of the following is correct about lifecycle hook - ngAfterViewChecked.
a) This is called in response after Angular checks the content projected into the component.
b) This is called in response after Angular initializes the component's views and child views.
c) This is called in response after Angular checks the component's views and child views.
d) This is the cleanup phase just before Angular destroys the directive/component.
Explanation
ngAfterViewChecked method is called in response after Angular checks the component's views and child views.

49) Which of the following is correct about tsconfig.json?
a) This file is used to give the options about TypeScript used for the Angular JS project.
b) This file contains information about Angular 2 project.
c) This file contains the system files required for Angular JS application.
d) All of the above.
Explanation
tsconfig.json file is used to give the options about TypeScript used for the Angular JS project.

50) Which of the following is correct about lifecycle hook - ngOnChanges.
a) When the value of a data bound property changes, then this method is called.
b) This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
c) This is for the detection and to act on changes that Angular can't or won't detect on its own.
d) This is called in response after Angular projects external content into the component's view.
Explanation
When the value of a data bound property changes, then ngOnChanges method is called.

51) Which of the following is correct about package.json?
a) This file is used to give the options about TypeScript used for the Angular JS project.
b) This file contains information about Angular 2 project.
c) This file contains the system files required for Angular JS application.
d) All of the above.
Explanation
package.json contains information about Angular 2 project.

52) Which of the following filter is used to convert an input string to currency format.
a) currency   b) amount   c) Both of the above.   d) None of the above.
Explanation
currency filter is used to convert an input string to currency format.

53) Which of the following is correct about lifecycle hook - ngOnInit.
a) When the value of a data bound property changes, then this method is called.
b) This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
c) This is for the detection and to act on changes that Angular can't or won't detect on its own.
d) This is called in response after Angular projects external content into the component's view.

Explanation

ngOnInit method is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.

54) Which of the following is correct about CLI?
   a)   CLI stands for Command Line Interface.
   b)   CLI can be used to create Angular JS application.
   c)   It also helps in creating a unit and end-to-end tests for the application.
   d)   All of the above.

Explanation

Command Line Interface (CLI) can be used to create our Angular JS application. It also helps in creating a unit and end-to-end tests for the application.

55) Which of the following is correct about Export Array in Angular 2 Modules?
a)   This is used to export components, directives, and pipes which can then be used in other modules.
b)   This is used to export services which can then be used in other services.
c)   Both of the above.
d)   None of the above.

Explanation

Angular 2 Export array is used to export components, directives, and pipes which can then be used in other modules.

56) Which of the following is true?
   a)   Angular 2 Modules are used to create components which can be shared across the entire application.
   b)   Angular 2 Metadata is used to create components which can be shared across the entire application.
   c)   Angular 2 Services are used to create components which can be shared across the entire application.
   d)   None of the above.

Explanation

Angular 2 Services are used to create components which can be shared across the entire application.

57) Which of the following is correct about Angular 2 Directive?
   a)   A directive is a custom HTML element that is used to extend the power of HTML.
   b)   A directive can be used to import the functionality from other Angular JS modules.
   c)   Both of the above.
   d)   None of the above.

Explanation

A directive is a custom HTML element that is used to extend the power of HTML.

58) Which of the following is correct about Services?
   a)   Angular 2 Services are a set of code that can be shared by different components of an application.
   b)   Angular 2 Services cannot be used across multiple applications.
   c)   Angular 2 Services help to build the applications into many modules.
   d)   All of the above.

Explanation

Services are a set of code that can be shared by different components of an application. So for example if you had a data component that picked data from a database, you could have it as a shared service that could be used across multiple applications.

59) Which of the following is correct about package.json?
   a)   There are two types of dependencies, first is the dependencies and then there are dev dependencies.
   b)   The dev ones are required during the development process and the others are needed to run the application.
   c)   Both of the above.
   d)   None of the above.

Explanation
There are two types of dependencies, first is the dependencies and then there are dev dependencies. The dev ones are required during the development process and the others are needed to run the application.

60) Which of the following is correct about systemjs.config.json?
   a)   This file is used to give the options about TypeScript used for the Angular JS project.
   b)   This file contains information about Angular 2 project.
   c)   This file contains the system files required for Angular JS application.
   d)   All of the above.

Explanation
systemjs.config.json contains the system files required for Angular JS application. This loads all the necessary script files without the need to add a script tag to the html pages.

61) Which of the following filter is used to convert an input string to date format.
a) dateformat   **b) date**   c) Both of the above.   d) None of the above.

Explanation
date filter is used to convert an input string to date format.

62) Which of the following is correct about tsconfig.json?
a) The target for the compilation is generally es5 because most browsers can only understand ES5 typescript.
b) The sourceMap option is used to generate Map files, which are useful when debugging. Hence, during development it is good to keep this option as true.
c) The "emitDecoratorMetadata": true and "experimentalDecorators": true is required for Angular JS decorators. If not in place, Angular JS application will not compile.
d) All of the above.

Explanation
The target for the compilation is es5 and that is because most browsers can only understand ES5 typescript. The sourceMap option is used to generate Map files, which are useful when debugging. Hence, during development it is good to keep this option as true. The "emitDecoratorMetadata": true and "experimentalDecorators": true is required for Angular JS decorators. If not in place, Angular JS application will not compile.

63) Which of the following is correct about lifecycle hook - ngDoCheck.
a) When the value of a data bound property changes, then this method is called.
b) This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
c) This is for the detection and to act on changes that Angular can't or won't detect on its own.
d) This is called in response after Angular projects external content into the component's view.

Explanation
ngDoCheck method is for the detection and to act on changes that Angular can't or won't detect on its own.

64) Which of the following is the correct way to apply a filter?
a) Property-value || filter   b) Property-value && filter

c) Property-value | filter   d) None of the above.
Explanation
filter are applied using pipe character.

65) Which of the following filter is used to slice a piece of data from the input string.
a) slice   b) substring   c) Both of the above.   d) None of the above.
Explanation
slice filter is used to slice a piece of data from the input string.

66) Which of the following filter is used to convert input to all lowercase?
a) lowercase   b) lower   c) Both of the above.   d) None of the above.
Explanation
lowercase filter is used to convert the input to all lowercase.

67) Which of the following is correct about Angular 2 Routing?
a)   Routing helps in directing users to different pages based on the option they choose on the main page.
b)   Based on the option they choose, the required Angular Component will be rendered to the user.
c)   Both of the above.
d)   None of the above.
Explanation
Angular 2 applications have the option of error handling. This is done by including the ReactJS catch library and then using the catch function. The catch function contains a link to the Error Handler function.

68) Which of the following filter is used to convert an input string to percentage format.
a) percentage   **b) percent**   c) Both of the above.   d) None of the above.
Explanation
percent filter is used to convert an input string to percentage format.

69) Which of the following is true?
a) Angular 2 Services can be used to add more data to an Angular JS class.
b) Angular 2 Metadata can be used to add more data to an Angular JS class.
c) Angular 2 Components can be used to add more data to an Angular JS class.
d) None of the above.
Explanation
Angular 2 Metadata can be used to add more data to an Angular JS class.

70) Which of the following is correct about lifecycle hook - ngOnDestroy.
a) This is called in response after Angular checks the content projected into the component.
b) This is called in response after Angular initializes the component's views and child views.
c) This is called in response after Angular checks the component's views and child views.
d) This is the cleanup phase just before Angular destroys the directive/component.
Explanation
ngOnDestroy method is the cleanup phase just before Angular destroys the directive/component.

71) Which of the following is correct about Angular 2 Components?
a) AngularJS had a focus of Controllers but Angular 2 has changed the focus to having components over controllers.
b) Components help to build the applications into many modules.
c) This helps in better maintaining the application over a period of time.

d) All of the above.

Explanation

All of the above options are correct.

72) Which of the following is true?
   a)   Angular 2 Services are used to define the views of an Angular JS application.
   b)   Angular 2 Templates are used to define the views of an Angular JS application.
   c)   Angular 2 Components are used to define the views of an Angular JS application.
   d)   None of the above.

Explanation

Angular 2 Templates are used to define the views of an Angular JS application.

73) Which of the following is correct about Import Array in Angular 2 Modules?
   a)   Import array can be used to import the functionality from other Angular JS modules.
   b)   Import array can be used to import the templates.
   c)   Both of the above.
   d)   None of the above.

Explanation

Angular 2 Import array can be used to import the functionality from other Angular JS modules.

74) Which of the following is correct about CLI?
   a)   CLI stands for Command Line Interface.
   b)   CLI can be used to create Angular JS application.
   c)   It also helps in creating a unit and end-to-end tests for the application.
   d)   All of the above.

Explanation

Command Line Interface (CLI) can be used to create our Angular JS application. It also helps in creating a unit and end-to-end tests for the application.

75) Which of the following is correct about package.json?
   a)   There are two types of dependencies, first is the dependencies and then there are dev dependencies.
   b)   The dev ones are required during the development process and the others are needed to run the application.
   c)   Both of the above.
   d)   None of the above.

Explanation

There are two types of dependencies, first is the dependencies and then there are dev dependencies. The dev ones are required during the development process and the others are needed to run the application.

76) Which of the following filter is used to convert input to all uppercase?
a) uppercase   b) upper   c) Both of the above.   d) None of the above.
Explanation

uppercase filter is used to convert the input to all uppercase.

77) Which of the following filter is used to convert an input string to percentage format.
a) percentage   **b) percent**   c) Both of the above.   d) None of the above.
Explanation

percent filter is used to convert an input string to percentage format.

78) Which of the following is correct about lifecycle hook - ngAfterContentInit.
   a) When the value of a data bound property changes, then this method is called.
   b) This is called whenever the initialization of the directive/component after Angular first displays the data-bound properties happens.
   c) This is for the detection and to act on changes that Angular can't or won't detect on its own.
   d) This is called in response after Angular projects external content into the component's view.
Explanation
ngAfterContentInit method is called in response after Angular projects external content into the component's view.

79) Which of the following is correct about lifecycle hook - ngOnDestroy.
   a)   This is called in response after Angular checks the content projected into the component.
   b)   This is called in response after Angular initializes the component's views and child views.
   c)   This is called in response after Angular checks the component's views and child views.
   d)   This is the cleanup phase just before Angular destroys the directive/component.
Explanation
   ngOnDestroy method is the cleanup phase just before Angular destroys the directive/component.

80) Which of the following is true about ng-bind directive?
a. ng-bind directive binds the Angular JS Application data to HTML tags.
b. ng-bind updates the model created by ng-model directive to be displayed in the html tag.
c. ng-bind updates html control data when controller changes the model.
d. All of the above.

81) Angular JS application expressions are pure JavaScript expressions.
   a. true   b. false

82) Which of the following is true about currency filter?
a. Currency filter formats text in a currency format.
b. Currency filter is a function which takes text as input.
c. Both of the above.
d. None of the above.

83) Model available in $rootScope can be overridden by its all child scopes.
a. true   b. false

84) service method is used to create a service whose purpose is to do some defined task.
a. true   b. false
85) On which of the following types of component can we create a custom directive?
a. Element directives   b. Attribute   c. CSS   **d. All of the above.**

86) With Angular JS, developer writes less code and gets more functionality.
a. true   **b. false**

87) ng-init directive can be used to put values to the variables to be used in the application.
a. true   b. false

88) We can use $dirty and $invalid flags to do the form validations.
a. true   b. false