**SUBJECT CODE: 17MCA4C21**

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**TRIUCHIRAPPALLI-20**

**OBJECTIVE TYPE QUESTIONS**

**Department of Computer Science**

**Semester: IV UG/PG: PG - MCA**

**Title of the Paper: : : CORE - XXI .Net TECHNOLOGY**

**Unit-1**

1. The .Net framework consist of two main components -------------

a) CLS and class library b)CLR and class library

c) CLS and CTS d) CLS and CLR

2. The ---------defines the minimum standards that the .Net language compilers.

a)CLS b)CTS

c)CLR d)VC#.Net

3. To develop a new VB.Net project ,choose the option------

a)File->Open b)File->Programs->MS-visualStudio2003

c)File->New->Project d)View->Class

4. The Visual studio toolbars contain buttons that are ---------for menu commands .

a) Solution Explorer b)Properties

c) shortcut d)Toolbox

5. The middle of the -------------is called the Document Window.

A) Properties b) IDE main window

c)Toolbox d) Solution Explorer

6. In .Net ,Each project can involve one or more ----

a) Properties b)Forms

c) Shortcuts d) Solution Explorer

7. A -------- is a reusable, independent unit involved in an appllcation code.

a) Forms b) .Net framework class library

c) CTS d) component

8. The -----------at the top of the code window displays the classes and constituents of the classes

a) drop-down list boxes b)Textbox

c) Buttons d)Pull-down Menu

9. The-------- option enables as to avoid spelling mistakes

a)Intelligent b)Expert

c) IntelliSense d)properties window

10. The ----------window displays all breakpoints that have set in our code.

a)code editor b) Breakpoints

c)class view d)object browser

11.Two basic data types available in VB.Net are ----and -----

a) int,float b)float,char

c)value, reference type. d)float, string

12. The reference types are stored on the -----

a) variable b)array

c)records d) heap

13. The ------ is used to represent a number with a fractional part with six digit of accuracy.

a) Double b)Integer

c)structure d)Single type

14. In .Net, unboxing means conversion of a--------

a) reference type to a value type b) value type to reference type

c) Structure to a value type d)value type to Structure

15. In .Net , first increase the value and assign the values ,the equivalent statement is-----

a) sum=++count; b)sum=count++;

c) ++sum=count; d)a & c

16. A -----is formed by combining two arithmetic expressions with a relational operator

a) arithmetic expressions b)relational expression

c)logical expressions d) mixed expression

17. using----------we can assign the value of an expression to a variable

a) decrement operators b)assignment operator

c)equal operator d) Increment operators

18. The character pair ?: is called -------

a)conditional Statement b) looping Statement

c)Bitwise operators d) ternary operator

19. The \_\_\_\_\_\_\_\_\_,which are used for testing the bits or shifting them to the left or right.

a) Arithmetic operators b) Bitwise operators

c)Relational operators d)Assignment operators

20. Here, k=cType(obj,Integer) , convert

a) object to integer b) integer to object c) integer to character d) character to integer.

**Unit-II**

21.The if statement enable us to take decision based on a-----

a) variable b) expression

c) condition. d)constant

22. When a radio button is clicked, its checked property will be set to -------

a) 1 b)true

c)0 d)false

23.The Checked, Unchecked, Indeterminate are possible members of ----- control

a)Checkbox b) Textbox

c) label d)button

24. when we delete a group –box , -------within it are also deleted.

a)checkbox b)radio button

c)label d) all the controls

25.In-------,the user select one or more of items

a)Radio button b)label

c) list box control d)button

26.The -----control displays a list of Well-defined alternatives

a) combo box b)picture box

c)list view d)panel.

27. When one of many alternatives actions to be carried out on the basis of the value of an expression ,the ------------statement shall be used.

a) while b)Select…Case

c)do d)for

28. Which syntax is correct?

a) while condition statement-block End while b) while statement-block End while

c) while condition statement-block d) while condition End while

29. In for loop, which type of value is assigned to ‘counter’

a)integer b)float

c)char d)string

30. An --------can be thought of as containers that have a list of storage locations for specified data type

a) variable b)constant

c) Symbolic Constant d) Array

31. A -----is a self-contained entity that carries out a well-defined task of some kind.

a) variable b) controls

c) method d)data type

32. The difference between Subroutine and functions is in the concept of ----

a) passing values b)calculating value

c)return values d)displaying value

33. The --------- allows us to pass information to and from methods.

a)constant b)variables

c) Symbolic constant d)Parameters

34.The ---------refers to the use of the same entity for different purpose.

a) decrement operator b)Overloading

c)increment operator d) overriding

35. The type,array name,dimensions,and size ,these properties belongs to ----------

a)select-case b)while

c)array d)constructor

36. The length of each dimension is returned by -------method

a) Get\_Length() b)GetLength()

c) Length\_Get () d) Length\_Gets()

37.In Sometimes the data in our application is two dimensional but not a rectangular ,so use ---

a) one-dimensional b) jagged Array

c) Two dimensional d)Function

38. The memory for each row in a jagged array is to be allocated ------ .

a) jointly b)Discrete

c) separately d)a&b

39. When the same ------is clicked again ,the check-mark will get removed.

a)radio button b)label

c)listbox d) Checkbox

40. How many types of Do Statements are available in VB.Net

a)1 b)4 c)2 d)3

**Unit -III**

41. A class is defined as a collection of ----and -----.

a) constants ,variables b) constants, Symbolic Constants

c) variables ,methods d)Symbolic Constants, variables

42. The fields and methods in a -------.

a) strings b)array

c)class d)files

43. A -------is declared by using the keyword class

a) methods b)constants

c)variables d)class

44. while the overload--------------have the same name,they will have different parameter lists.

a) Destructors b) Shared Variable

c) variable d) constructors

45. A shared constructors initialize the -----------------in a class.

a) Constants b)variable

c) shared variables d)instance variable

46. A shared class member referred by using the ---------operator

a)’,’ b)’.'

c)’:’ d)’;’

47. The shared constructors do not ----instance constructors.

a)declare b)assign

c)print d)overload

48. The data Members with private access and the provide access to those members through two special methods are

a) get(),set() b)gets,set c)get,sets d)get,set

49. An indexer looks like a -----

a) variable b) property

c)constant d)Shared Variable

50.A -------is one where the decision on exactly which method to invoke is delayed until run time

a) constructor b)destructor

c)copy constructor d)virtual method

51.When override a virtual method in a derived class, use the -------- keyword

a)override b)overrides

c)Override d)overload

52. In sometimes, not want anyone to use a class as a base class for their own derived classes, mark the class as a ----------type class

a) NotInheritable b) Not Inheritable

c) notInheritable d) NotInheritables

53. The main purpose of an --------------is to declare set of methods, and not implement them.

a)namespace b) interface

c)components d)interfaces

54. An interface cannot contain-------------.

a) constants b)fields,any types of static members

c)constructors and destructors d) above all

55. A --------should not implement the methods declared in its base interface,because it is also an interface.

a)derived class b)components

c) events d)derived Interface

56. A namespace shall be viewed as a container for -----

a) object and interfaces b) classes and interfaces

c)classes and objects d)classes and components

57. While an interface serves as a template for a number of relative methods, a delegates serves as a template for ---------method .

a)2 b)4

c)single d)6

58. Events can be declared either as --------.

a) variables ,attributes b) variables ,properties

c) constants ,attributes d)attribute, Shared variable

59. Attributes are items of declarative information about the entities in a program,such as ----

a)classes b)methods

c)data members ,properties d) above all

60. The ---------- is the ability to find out information about objects at run-time.

a)Reflection b)declaration

c)delegates d) attributes

**Unit-IV**

61. The errors that occur during the execution of a program are known as -------

a)NullReference Exception b)run-time errors.

c) compile -time errors d)InvalidCast Exception

62. An -------is an abnormal condition that is caused by a run-time error in the program.

a) Error b) Exception handling

c) Exception d)return.

63. Try, catch& Finally, all the keywords are belongs to ---------

a)components b)Exception Handling

c)events d) class

64. Each try block should be followed by at least --------

a)two catch,Finally b)one catch, Finally c)four catch,finally d)six catch,finally

65. The meaning of CoreException class is

a) derived class for exceptions was thrown by runtime

b) base class for exceptions was thrown by compile time

c)base class for exceptions was thrown by runtime

d) derived class for exceptions was thrown by compile time

66. Define our own ----- of the Exception classes ,in order to handle some special types of error conditions

a)derived class b)class

c) sub classes d)base classes

67. A------ is a path along which data flows.

a)string b)array

c) stream d)functions

68. The StreamReader classes used to process ----

a) data b)information

c) combination of digits d)text

69.The Stream class is an abstract class, so,it can’t be --------------

a)declared b)process

c)output d)instantiated

70. Access parameter of the Filestream constructor ,can take are -------

a)Write,read,readWrite b) Read ,readWrite,Write

c)Read,ReadWrite,Write d)write,Read,readWrite

71.A buffer is a block of bytes in memory used to-----data

a) read b)write

c) cache d)execute

72. The methods of the BufferedStream class is automatically maintain the buffer, using ------

a) c)write() and read() b) c)write() and Read()

c)Write() and Read() d) c)Write() and read()

73. The ----------class allows us to treat a stream as a series of characters arranged in lines.

a) StreamReader b) streamWriter

c) StreamWriter d) streamReader

74. The StreamWriter() class uses the -----encoding system by default.

a) UTF-16 b) UTF-32

c)ASCII d) UTF-8

75. The important properties of StreamReader class is

a)write() b) Auto flush

c) WriteLine() d)BaseStream

76.Using ---------class , like to get information about a file itself.

a) fileInfo b) Fileinfo

c) fileinfo d)FileInfo

77. A software service known as --------- establishes a mapping between the domain names and the numeric internet address

a)socket b) Domain name

c) ServerSocket() d)Domain Naming services

78. Each machine on a network is called a ----

a)router b)client

c)node d)server

79. The Socket class performs both---------

a) client,dataflow b) client and Server

c)Server,dataflow d)dataflow, Isfile

80. The -------------- method creates the instance s of the Socket class

a) acceptSocket() b) AcceptSocket()

c) acceptsocket() d) Acceptsocket()

**Unit-V**

81.The namespace for DataSet class is ------.

a) System.data b) System.web.UI

c)System.UI d)System.Data

82. The two types of data providers are ----

a) PL/SQL and OLEDB b) PL/SQL and OLEDB

c)SQL and PL/SQL d)SQL and OLEDB

83. The update(),Fill() are methods of ----------class

a) dataAdapter b) DataSet

c) DataAdapter d) Dataset

84. The keywords CREATE, TABLE are used to ----a table

a) delete b)view

c)insert d)create

85. The INSERT command is used to -----of the record in table

a) update the content b)view the content

c) insert the content d)update the data

86. Which keyword is used to retrieve the data from the table,------- in SQL .

a)VIEW b) SELECTING

c)DataSet d) SELECT

87. The ----command ,update the contents of a table .

a)UPDATING b)INSERT

c)SELECT d)UPDATE

88. The DataSet class contains a deals of ------ capability .

a) SQL b)DHTML

c)PL/SQL d)XML

89. The --------properties give access to the objects of classes namely DataRow, DataColumn, Data Relation Constraint, DataSet view.

a)DataAdapter class b)DataSet class

c) DataTable objects d)Command class

90. As -------uses XML as its standard transmission format, the software with which it is connecting the data need not be an ADO.Net component.

a)VC#.Net b) ADO.Net

c)VB.Net d)ASP.Net

91. The -----components are used in ASP .

a) DCOM b)COM

c) DHTML d) XML

92. The namespace of page class is -----.

a) System.Web b) System.web.UI

c) System.Web.UI d) System.Data

93. The web controls are also known as -----

a) client &Server-side controls b) Server-side controls

c) client -side controls d)middleware

94. The client will always return a post-back --------- to the server and the server will deal with it

a)variable b) event

c)component d)data type

95. The certain events cannot be dealt with on the------, such as mouse click, key press events

a) client side b)middleware

c) server side d) middleware, client

96. In ASP.Net, the two important rich controls are-----

a)Button and Textbox b)Button and List Box

c) Calender and Button d)Calender and Ad rotator

97.An AD element is composed of -----elements.

a)1 b)5

c)3 d)8

98.The purpose of ---------is validating the Input Data

a) RangeValidator b)RequiredField Validator

c) Validation Control d) Rangevalidator

99. The -------------server control tests whether an input value falls within a specified range.

a) Requiredfieldvalidator b) Rangevalidator

c) RangeValidator d) RequiredFieldValidator

100. The three types of List Controls are ----

a) DataGrid b) Repeater

c) DatList d) above all

**ANSWERS WITH EXPANSION**

**Unit-I**

1. b)CLR and class library

2. a)CLS

3. c)File->New->Project

4. c) shortcut

5. b) IDE main window

6. b)Forms

7. d) component

8. a) drop-down list boxes

9. c) intellisense

10. b) BreakPoints

11. c)value, reference type

12. d) heap

13. d)Single type

14. a)reference type to a value type

15. a) sum=++count;

16. b)relational expression

17. b)assignment operator

18. d) ternary operator

19. b) Bitwise operators

20. a)convert object to integer

**Unit-II**

21. c) condition.

22. b)true

23. a)CheckBox

24. d)controls

25. c) one or more

26. a)Well-defined alternatives

27. b)Select…Case

28. a) while condition statement-block

29. a)integer

30. d) Array

31.c) method

32. c)return values

33. d)Parameters

34. b)Overloading

35. c)array

36. b)GetLength()

37. b) jagged Array

38. c) separately

39. d) CheckBox

40. b)4

**Unit-III**

41. c) variables ,methods

42. c)class

43. d)class

44. d) constructors

45. c) shared variables)

46. b)’.'

47. d)overload

48. d)get,set

49. b) property

50. d)virtual method

51. b)overrides

52. a) NotInheritable

53. b) interface5

54. d) above all

55. d)derived Interface

56. b) classes and interfaces

57. c)single

58. b) variables ,properties

59. d) above all

60. a)Reflection

**Unit-IV**

61. b)run-time errors

62. c) Exception

63. b)Exception Handling

64. b)one catch, Finally

65. c)Base class for exceptions was thrown by Runtime

66. c) our own subclasses

67. c) stream

68. d)text

69. d)instantiated

70. c)Read,ReadWrite,Write

71. c) cache

72. c)Write() and Read()

73. c) StreamWriter

74. d) UTF-8

75. d)BaseStream

76. d)FileInfo

77.d) Domain Naming service

78. c)node

79. b) client and Server

80. b) AcceptSocket()

**Unit-V**

81. d)System.Data

82. d)SQL and OLEDB

83. c) DataAdapter

84. d)create

85. c) insert the content

86. d) SELECT

87. d)UPDATE

88. d)XML

89. c) DataTable objects

90. b) ADO.Net

91. b)COM

92. c) System.Web.UI

93. b) Server-side controls

94. b) event

95. c) server side

96. d)Calender and Adrotator

97. b)5

98. c) Validation Control

99. c) RangeValidator

100. d) above all