

**BRAINWARE UNIVERSITY****Term End Examination 2020 - 21****Programme – Bachelor of Science (Honours) in Computer Science****Course Name – Web Application Development****Course Code - BCS503B****Semester / Year - Semester V**

Time allotted : 85 Minutes

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 70=70

1. *(Answer any Seventy)*

(i) Which of the following is not keyword in java ?

- | | |
|-------------|------------|
| a) null | b) bimport |
| c) volatile | d) package |

(ii) Which of the following is generated when the source code is successfully compiled ?

- | | |
|-------------|------------------|
| a) Output | b) Error |
| c) Bytecode | d) None of these |

(iii) For Inheritance in Java which keyword is used

- | | |
|--------------|------------------|
| a) Implement | b) Extend |
| c) Extends | d) None of these |

(iv) What does MVC pattern stands for?

- | | |
|----------------------|--------------------------|
| a) Mock View Control | b) Model view Controller |
| c) Mock View Class | d) Model View Class |

(v) Which class cannot be subclassed (or extended) in java?

- | | |
|-------------------|------------------|
| a) abstract class | b) parent class |
| c) Final class | d) None of these |

(vi) super keyword in Java is used for?

- a) To refer to immediate child class of a class.
- b) To refer to immediate parent class of a class.
- c) To refer to current class object
- d) To refer to static member of parent class

(vii) MVC architecture supports ____

- a) Mock, View and Control
- b) Model ,view, and Controller
- c) Mock, View and Class
- d) Mode, View and Class

(viii) add() method of collection framework return_____type value.

- a) int
- b) float
- c) boolean
- d) char

(ix) What is Tier?

- a) Physical partition
- b) Logical Partition
- c) Layer
- d) None of these

(x) In which tier architecture Business Logic includes in separate layer ?

- a) 1-tier
- b) n-tier
- c) 2-tier
- d) 3-tier

(xi) In MVC, M stands for

- a) Module
- b) Model
- c) Micro
- d) Machine

(xii) In MVC, V stands for

- a) View
- b) Virtual
- c) Visual
- d) Very

(xiii) Applet is initialized by calling the method

- a) start()
- b) initiate()

c) init()

d) create()

(xiv) Which of these keywords is not a part of exception handling?

a) try

b) finally

c) thrown

d) catch

(xv) What is the current mvc version?

a) 3

b) 3.5

c) 4

d) None of these

(xvi) try keyword is coupled with _____ in Exception Handling.

a) try

b) key

c) thrown

d) catch

(xvii) In MVC, HTML may act as a _____.

a) View

b) Virtual

c) Visual

d) None of these

(xviii) How many constructor we can define in a class?

a) 1

b) 2

c) Many

d) None of these

(xix) What will happen if there is no constructor in class?

a) Java will incorporate a default constructor

b) Compilation error

c) Run Time Error

d) None of these

(xx) HashSet is a

a) class

b) Interface

c) object

d) method

(xxi) Queue is a

- a) class
- b) Interface
- c) object
- d) method

(xxii) Which interface is not belong in the Collection interface?

- a) List
- b) Queue
- c) Set
- d) Map

(xxiii) Return type of a constructor is

- a) HashSet
- b) set
- c) object reference type
- d) vector

(xxiv) Which of these interface/class gives easy insertion process?

- a) Vector
- b) ArrayDeque
- c) HashSet
- d) LinkedList

(xxv) What is the difference between Queue and Stack?

- a) Stack is LIFO; Queue is FIFO
- b) Queue is LIFO; Stack is FIFO
- c) Stack and Queue is FIFO
- d) Stack and Queue is LIFO

(xxvi) Which of these interfaces must contain an unique element?

- a) Set
- b) List
- c) Array
- d) Collection

(xxvii) Which of the following contains both date and time?

- a) java.io.dateTime
- b) java.sql.date
- c) java.util.date
- d) java.util.dateTime

(xxviii) What will be the return type of a method that will not return any value?

- a) int
- b) void

c) double

d) None of these

(xxix) In which area of memory, the system stores parameters and local variables whenever a method is invoked?

a) Stack

b) Heap

c) Array

d) None of these

(xxx) An Interface in Java contains

a) abstract functions

b) static constant data members

c) both abstract functions & static constant data members

d) None of these

(xxxii) Which of these class handle sorted order?

a) HashSet

b) Set

c) TreeSet

d) Vector

(xxxiii) An interface can extend an /a _____

a) interface

b) class

c) both interface & class

d) None of these

(xxxiiii) Which one of these contain a unique element?

a) Set

b) List

c) Array

d) Collection

(xxxv) Which lies between Java programme and RDBMS?

a) Response

b) JDBC

c) Statement Object

d) Connection Object

(xxxvi) which method is used to remove element from stack?

a) pop()

b) pull()

c) push()

d) peek()

(xxxvi) Which of the following is responsible to rollback transaction?

- a) rollback()
- b) rollforward()
- c) deleteTransaction()
- d) RemoveTransaction()

(xxxvii) Which method you should use to execute a SQL statement?

- a) boolean execute()
- b) ResultSet executeQuery()
- c) int executeUpdate()
- d) None of these

(xxxviii) Pick the correct statement about Statement object.

- a) Used for general-purpose access to your database.
- b) Useful when you are using static SQL statements at runtime.
- c) The Statement interface cannot accept parameters.
- d) All of these

(xxxix) What is the full form of JDK ?

- a) Java Data Kit
- b) Java Definition Kit
- c) Java Development Kit
- d) Java Design Kit

(xl) Abbreviate the term UDA?

- a) Unified Data Access
- b) Universal Data Access
- c) Universal Digital Access
- d) Uniform Data Access

(xli) Which method is used to establish the connection with the specified url in a Driver Manager class?

- a) public static void registerDriver(Driver driver)
- b) public static void deregisterDriver(Driver driver)
- c) public static Connection getConnection(String url)
- d) public static Connection getConnection(String url,String userName,String password)

(xlii) PreparedStatement object is similar to

- a) Connection Object
- b) Statement Object
- c) ResultSet Object
- d) String Object

(xliii) Which Indicates a result set that cannot be updated programmatically in concurrency?

- a) CONCUR_UPDATABLE
- b) CONCUR_READ_ONLY
- c) All of these
- d) None of these

(xliv) Which kind of driver converts JDBC calls into calls on the client API for Oracle, Sybase, Informix, IBM DB2, or other DBMS?

- a) JDBC-ODBC bridge plus ODBC driver
- b) Native-API partly-Java driver
- c) JDBC-Net pure Java driver
- d) Native-protocol pure Java driver

(xlv) Which one is not the JDBC API interface of class

- a) DriverManager
- b) Driver
- c) ResultSet
- d) Connection

(xlvi) First step of JDBC connection is _____.

- a) Execute
- b) Establish connection
- c) Register driver
- d) Update

(xlvii) Identify the incorrect JDBC driver .

- a) com.oracle.jdbc.OracleDriver
- b) com.mysql.jdbc.Driver
- c) oracle.jdbc.driver.OracleDriver
- d) com.Sybase.jdbc.SybDriver

(xlviii) In which tier architecture Database server is placed individually?

- a) 1-tier
- b) n-tier
- c) 2-tier
- d) 3-tier

(xlix) If your Java application is accessing multiple types of databases at the same time the preferred driver type is _____.

- a) Type 1
- b) Type 2
- c) Type3
- d) Type 4

(l) ExecuteUpdate (String SQL): method return _____ type value.

- a) int
- b) float
- c) boolean
- d) char

(li) finally() method typically use to

- a) create a database
- b) close a database
- c) open a database
- d) view a database

(lii) How Many JDBC server types SUN defined?

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

(liii) What is metadata of a database?

- a) Structure of database
- b) File names of database
- c) Table structure
- d) None of these

(liv) setParameter() function belongs to _____

- a) Statement Object
- b) PreparedStatement Object
- c) Connection Object
- d) None of these

(lv) Which HTTP method shows what the server is receiving?

- a) GET
- b) TRACE
- c) RETURN
- d) OPTIONS

(lvi) Pick the method, used to bind the objects in the RMI registry ?

- a) rebind()
- b) lookup()
- c) bond()
- d) None of these

(lvii) Stub belongs to which of the following technology?

- a) JINI
- b) JDO
- c) JAXB
- d) RMI

(lviii) Which of these packages is used for all the text related modifications?

- a) java.text
- b) java.awt
- c) java.lang.text
- d) java.text.mofify

(lix) What are the exceptions which have to be handled in a RMI client program?

- a) Remote Exception
- b) Not Bound Exception
- c) Mal Formed URL Exception
- d) All of these

(lx) We use ____ method to bind the objects in the RMI registry.

- a) rebind()
- b) lookup()
- c) bond()
- d) None of these

(lxi) Abbreviate the term JMS?

- a) Java Message Service
- b) Java Monitor Service
- c) Java Message Session
- d) Java Monitor Session

(lxii) Which EJB container must provide an implementation of Java Naming and Directory Interface (JNDI) API to provide naming services for EJB clients and components?

- a) Transaction support
- b) Persistence support
- c) Naming support
- d) All of these

(lxiii) LDAP used as a directory service in

- a) RMI
- b) JNDI
- c) Servlet
- d) JTS

(lxiv) Define the full form of JTS.

- a) Java Transfer System
- b) Java Transaction System
- c) Java Transaction Service
- d) Java Transmission System

(lxv) Lightweight Directory Application Protocol(LDAP) used as a directory service in

- a) RMI
- b) JNDI
- c) Servlet
- d) JTS

(lxvi) JTS is related to ____.

- a) Transaction Manager
- b) Application Manager
- c) Remote Object Manager
- d) Java Transmission System

(lxvii) Full form of JNDI is:

- a) Java New Device Interface
- b) Java Naming and Directory Interface
- c) Java News Domain Interconnection
- d) Java Netting and Directory Interface

(lxviii) JMS stands for

- a) Java Message Servlet
- b) Java Message Search
- c) Java Message Service
- d) Java Main Servlet

(lxix) Which of the following is an Application Programming Interface?

- a) JNDI
- b) LDAP
- c) RMI
- d) JNI

(lxx) What is the full form of Java IDL?

- a) Internet Definition Language
- b) Internal Domain Language
- c) Interface Definition Language
- d) Intra Definition Language