JAVA- Question Bank

UNIT 1

Short answer questions :

1. give a brief introduction to java
2. write about java features
3. write about java buzz words
4. White about single dimensional arrays of java
5. How to create and manipulate arrays

Essay types answer questions :

1. Explain Procedure oriented paradigm and object oriented paradigm.
2. write differences between procedure oriented languages and oops.

3 A. write about JRE OR
3 B. what are the different components installed when JDK is installed OR
3 C. Write about JVM.

4 A. Write about data type of java OR
4 B. write about variable declarations and scope of variables in java

5 A. Write about strings in java OR
5 B. How strings are managed with in string pool

6 A. Explain 2D arrays OR
6 B. What are Jagged Arrays

UNIT 2

Short answer questions :

1 A. Explain about class, object and methods OR
1 B. Explain oops and oops concepts.

2. Explain data and functional abstractions
3. What is method overloading
4. Explain dynamic binding
5. Explain about constructors
6. Write about static features
7. Write about abstract classes
8. Explain Choice class methods

Essay types answer questions :

1. Explain about data hiding techniques
2. Write about polymorphism
3. Explain inheritance in java
4. Explain method overriding with example
5. What are super and this keywords
6. Explain interfaces in java
7. Write about any 5 classes of java.awt package

UNIT 3

Short answer questions :

1 A Explain Action and Item Events. OR
1 B. Write about handling events with different components in java.
2 . Explain try-catch-finally syntax
3. What is throw keyword
4. Explain throws keyword
5. Explain static import.

Essay types answer questions :

1 A. What is Event Handling OR
1 B. Explain event handling mechanism in java OR
1 C. Explain event delegation model OR
1 D. Explain different classes / interfaces related with event handling

2 A. Write about adapter classes. OR
2 B. How to reduce unnecessary overriding of methods in event handling?

3. Give an introduction of exceptions and benefits of exception handling.

4 A. Write about exception handling in java OR
4 B. explain different types of exceptions in java

5. How to develop user defined packages and use them.
6. Explain access protection in packages.

UNIT 4

Short answer questions :

1 A. explain what is thread and how to use it. OR
1 B. explain how the threads can be created and executed.
2. Explain how the single tasking and multitasking threads are managed.
3. Explain Thread Priority in detail
4. Explain Thread features
5. Explain working with menus

Essay types answer questions :

1. Explain creating threads using Thread class and Runnable interface.
2A . Explain sleep(), Wait() and notify() methods OR
2B . Explain inter thread communication
3. What is MVC Model
4. Explain the differences between awt and swing components.
5. Write about 3 layout managers.

UNIT 5

Short answer questions :

1. How to set classpath for drivers
2. Explain difference between Statement and PreparedStatement
3. Explain methods of ResultSet
4. What are CRUD operations

Essay types answer questions :

1. Explain JDBC-ODBC architecture
2. Explain types of drivers used for DB connectivity
3. Explain loading drivers and establishing JDBC-ODBC connections
4. Explain the classes and interfaces related with DB connectivity.