

1. The data type short is a ----- bit type
a)16 b) 32 c) 64 d) 128
2. The data or variables defined within the class are called---- variables
a) private b)public c)protected d)instance
3. When we pass a primitive type to the method it is passed by
a) method b) reference c) value d) all the above
4. When a subclass includes all the member of its super class then it is declared as
a) private b) public c) protected d) instance
5. The access modifier in a package is
a) private b) public c) protected d) all the above
6. The exception not declared in throws clause results in ---- error
a) compile time b) runtime c) thread d) all the above
7. Void play (URL,url) plays
a) audio and video b) audio c) video d) applet
8. The root of the Java event class hierarchy is in
a)java.util b)java.nio c)java.applet d)java.awt
9. The AWT fonts have specific
a) family name b) logical name c) face name d) all the above
10. ---- creates popup list
a) button b) check box c) choice d) cursor

PART B (5 x 5 = 25 marks)

Answer ALL questions choosing either (a) or (b)

Either answer should not exceed 250 words

11. a) Define primitive data types. Explain the Integers in Java with example.

(OR)

b)Write a program to calculate the volume of three boxes which returns the result to the caller.

12. a) Explain recursion in Java with example.

(OR)

b)How will you prevent overriding in Java?

13. a) Explain about access protection in Java.

(OR)

b) Discuss about finally used in Java exception.

14. a) Give the methods used while applets are implemented.

(OR)

b) State any five event listeners in Java interfaces.

15. a) Define AWT classes in Java. State any five of them.

(OR)

b) Give the syntax of label and give its constructors.

PART B (5 x 8 = 40 marks)

Answer ALL questions choosing either (a) or (b)

Either answer should not exceed 600 words

16. a) Discuss about the literals in Java with suitable examples.

(OR)

b) Explain about objects in Java. Also explain about object reference variable.

17. a) With suitable examples explain the argument passing and returning objects in Java.

(OR)

b) Explain the method overriding criteria in Java with example.

18. a) Define interface and explain its implementation.

(OR)

b) With suitable example explain the syntax of Try and Catch

19. a) Write a program in Java using Applet to display a scrolling message.

(OR)

b) Define event. Explain any three with its syntax.

20. a) Write a program to display an applet window and a child window.

(OR)

b) Discuss about Choice and checkbox in Java.
