

Computer Science - II

II Year

UNIT - I

1. Difference between POP & OOP?
2. What are basic element of Java?
3. What are advantages of Java?
4. What are application of Java?
5. What are difference between C and Java?
6. What are difference between C++ and Java?
7. What is the relation between Java and World Wide Web (WWW)?
8. What is Web Browser?
9. What are Hardware and software require for Java?
10. What is the Structure of Java?
11. What is Token? What are Java Tokens?
12. What is Literal? What are the Literal of Java?
13. What is Statements? What are the different type of Statements?
14. What is Java Virtual Machine?
15. What is command Ling arguments?
16. What is Variable? How do declare
17. What is scope of variable?
18. What is Constant? How to declare constants Java?
19. What is Data Type? What are different type of Data Type?
20. What is the Integer Data Type (byte, short.int.long)?
21. What is Structure of Java? Explain?
22. What is Type Casting?

UNIT - II

1. What is Operator? What are the different type of Operator?
2. What is expression? What is evaluation of arithmetic expression?
3. What is Order (or) Precedence of Operators (Associatives)?
4. What is Syntax of if, Switch.For.While.do While?
5. What is difference between while & do while?
6. What is class? How to declare class?

7. What is Object? How to create Objects?
8. How to declar field & methods in class?
9. What is constructor? What are the rules for constructors?
10. What are different type of constructor?
11. a) What is method overloading?
b) What is Constr Overloading?
12. What are static members?
13. Explain about the follow term
a) Staic b) thi c) final d) super e) abstract
14. What is Method Overriding?
15. What are visibility controls in Java?
16. What is different between this (), super (), constructor()?
17. What is inheritance? What are different type of inheritance?
18. What is polymorphism? What is complotime polymorphism?

UNIT - III

1. What is an array? How many ways to declare array?
2. What are the different type of array?
3. What is string? To declare string in Java (Char, string, string buffer)?
4. What are the function in Strings?
5. What vector? What is difference between vectoer & array?
6. What is the difference between length, length()?
7. What are wrapper classes?
8. What is interface? How to declare it?

(or)
How to use multiple inheritance in Java?
9. How to extends the interface?
10. What package? What are the different type of Packages?
11. Hoiw to create package & access packages?
12. How to import classes?

UNIT - IV

1. What is an exception? What are the type of exception?
2. What is syntone or exception handling?
3. What are the try, catch, finally, throw throws keyword? Write syntax?

4. What is different between throw & throws?
5. How to create multiplex catch exception?
6. What is multithreading? What is life cycle of MT?
7. How to extend thread?
8. What are thread method (run().start().stop().sleep())?
9. What is thread exepron?
10. What is thread priority?
11. What is an applet? What life cycle of an applet?
12. What is difference between applet & application program?
13. How to create a WebPage?
14. What is <applet> tag?
15. What are the Html tags?

UNIT - V

1. What is string?
2. What is method for bubble sort, selection sort, insertion, Quick sore?
3. What is Data structure? What are the different type of Data structure?
4. What are the different between Linea list & linked list?
5. What is stack, what are real application of stack?
6. What the operation of stack?
7. What is Queue? What are the real application for Queue?
8. What are the operation of Queue?
9. What is circulat queue, what are the operation of cQueue?
10. What is DQueue, What are the operation of dqueue?
11. What is priority Queue, what are the operation of pqueue?
12. What is Tree? What is BFS?
13. What are tree traversal?
14. What is Tree Representation?
15. Define Graph? Graph Traversal?
16. What is BST? Give one example?
17. What is Topological Sorting?