

MODEL TEST PAPER- CLASS,HISTORY OF JAVA,OPERATORS

Q: Differentiate between operator and expression

Q: What is compound statement give example.

Q: State two type of data type?

Q: Type casting.

Q: Assign a value of pie to a variable with requisite data type.

Q: Difference between token and identifier.

Q: Difference btn Boolean literals and a character literals?

Q: What is the use of ternary operator?

Q: State one similarity and difference between while and for loop

Q: Write the function prototype of the function "sum" that takes an integer variable (x) as its argument and return a value of float data type.

Q: Rewrite the code correctly

```
class sum{
    public void main[]; {
        x=2; y=2.2;
        z=x*y;
        System.out.println("value of x++="(x++);
        System.out.println("value of z=" +z); } }
```

Q: Write the syntax of creating an object, write it for string?

Q: Byte code.

Q: Division by a variable that contain a value of zero,what will be the error?

Q: Multiplication operator used when the operation should be division, what is the error?

Q: Missing semicolon, tell the error?

Q: Give one example of primitive datatypes and composite datatypes?

Q: What is meant by precedence of operator?

Q: What is the type of a no containing integral and fractional parts both?

Q: int x=5,y=0; y=x/2;

Q: Name 2 type of java program?

Q: Differentiate between actual and formal parameter.

Q: What do you mean by Employee emp=new Employee();

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Q: What do u mean by new operator.

Q: State the difference between == and equals() method.

Q: Why is a class called a factory of object?

Q: What is use of the keyword this?

Q: Why is a class known as composite data types?

Q: Which keyword is used for allocating memory to an array.

Q: Which keyword causes the control to transfer back to the method call.

Q: Write a java statement to create an object mp4 of class digital?

Q: What is a composite datatype?

Q: What are user defined datatypes?

Q: What is a composite class?

Q: What is a wrapper class? Give ex.

Q: In which package are the wrapper class contained?

Q: Name the package that is invoked by default?

Q: What is the method that converts a string to primitives

i- integer datatypes

ii- double “

iii- short “

Q: Write a statement to check that second character of a string str is in uppercase

Q: Differentiate between static and non static data members.

Q: Name two wrapper classes.

Q: State the java concept that is implemented through a super class and a sub class.