

PRACTICE PAPER
ICSE COMPUTER APPLICATION
CLASS X

Q1.Name the method of the Scanner class to input the following:

- i) A sentence ii) A character
- iii) Write the number of bits and bytes occupied by a float array dimension 5.
- iv) Name both the data types on which the switch word.

Q2. Give the output of the following statement:

```
for (int i=3;i<=7;i++)  
{ if(i==1 || i==3 || i==5 || i==7 || i==9)  
System.out.println("Single digit odd");  
else  
System.out.println("Single digit even");  
}
```

Q3.Name the type of error (Syntax error, Logical error, Runtime error)

- i) ArrayIndexOutOfBoundsException
- ii) Unreachable statement

Q4.Wite the syntax for the following:-

- a. To find the square root of 81.
- b. To convert the variable tax into constant and assign 25.5 to it.
- c. To print the output: 1 2 3 4
- d. To check if character stored in ch is a blank space.
- e. To create an object Ferrari of class Car.

Q5. String str = "Happy Holi";

Write a Java statement to print the index number of

- i. Second occurrence of 'p'.
- ii. Word app.

Q6.What is the data type that the following library functions return?

- i. compareTo()
- ii. replace()

Q7. Differentiate between Autoboxing and Unboxing:

Q8. Write java statements for the following:

- (i) To declare a variable to store the value 8156L
- (ii) To print random number between 0 and 1.

Q9. Convert the following using ternary operator:

double X, A, D=0.2;

if (X >= 2000)

A = D*X + X;

else

A = A;

Q10. Find the output:

int x = 5;

while (true)

{

x += 2;

System.out.println(x+" ");

if (x==10)

break;

}

Q11. Write a java statement to take single character input using Scanner class:

Q12. What will be the output of the following code?

String St = "incandescent";

System.out.println(Character.toUpperCase(St.charAt(7))+St.substring(8));

Q13. Find the output:

String M = "Automobile";

int i = M.length()-1;

do

{

System.out.print(M.charAt(i));

i--;

}

while (i>=0);

Q14. Find the errors from the following Java code

(i) "Paper".lastIndexOf(e);

(ii) "Pencil".endsWith("il");

Q15. Differentiate between next() and nextLine().