**Course Name: Object Oriented Programming.**

**End Term Examination Sample Paper - Session 2022-23**

**B.Tech (CSE , AIML,CCV,DA,CSF,IIOT)**

**BCSC-1002 (Object Oriented Programming)**

**Semester III Time: 3 Hours**

**Max. Marks: 80**

**SECTION A(Unit I) 30 Marks.**

**Q1. Choose the Correct Option for the following questions(1x10)**

**A. What is the output of the following?**

**StringBuffer b = "12";**

**b.concat(“HI”)**

**b.reverse();**

**System.out.println(b.toString());**

a. 12

b. 123

c. 321

d. The code does not compile

**Answer:\_\_\_\_\_\_\_\_**

**Q2. Find the Output of the following Code Snippet(2x10)**

**A**.

class selection\_statements

{

public static void main(String args[])

{

int var1 = 5;

int var2 = 6;

if ((var2 = var1)

System.out.print(var2);

else

System.out.print(++var2++);

}

}

**Answer**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION B(Unit II) 50 Marks.**

**Q3. Choose the Correct Option for the following questions(1x10)**

**A. Which of these method of class String is used convert String object in UPPer case ?**

a) toUpperCAse()

b) chatat()

c) charAt()

d) ChatAt()

**Answer**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q4. Find the Output of the following Code Snippet(2x10)**

**A**

public class A

{

public static void main(String args[])

{

String a = 10+20+”A”+11

}

}

**Answer**\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q5 Short answers (2\*5):**

**A. How to write the code for Abstract class in java. and implements in class also.**

Write here:

Line 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 5\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 6\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 7\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 8\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 9\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 10\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Line 11\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q6 Fill in the blanks (1\*5):**

**A.**

\_\_\_\_\_\_\_\_java.lang.System.\*;

public Class demo

{

\_\_\_\_\_ a=false;

}

**Q7. Match the following (1\*5):**

**A.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column A** | | **Column B** | |
| A | **byte** | 1 | 2 byte |
| B | **short** | 2 | 4 Byte |
| C | **float** | 3 | 8 byte |
| D | **long** | 4 | 1 byte |

A - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_