

B.Sc.(IT) Semester - 4 (CBCS) Examination
April/May -2022 [OLD COURSE]
CS-19 PROGRAMMING WITH JAVA(CORE)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Q.1(A) Answer following Questions (04)
1. Full name of JDK.
 2. What is byte code?
 3. JRE stands for.....
 4. What is Polymorphism?
- Q.1(B) Answer Any One. (02)
1. Explain static and non-static data member.
 2. Explain switch case with example.
- Q.1(C) Answer Any One. (03)
1. What is Constructor? Explain with example.
 2. Explain Operators in java.
- Q.1(D) Answer Any One. (05)
1. Explain method overloading with Example.
 2. Explain basic concepts of OOP.
- Q.2(A) Answer following Questions (04)
1. What is abstract class?
 2. Full name of AWT.
 3. API stand for.....
 4. What is interface?
- Q.2(B) Answer Any One. (02)
1. Explain final class.
 2. Explain Date Class.
- Q.2(C) Answer Any One. (03)
1. What is method overriding?
 2. Explain Access specifiers in java?
- Q.2(D) Answer Any One. (05)
1. Explain String Buffer class with example.
 2. Explain Constructors in inheritance with example.
- Q.3(A) Answer following Questions (04)
1. What is Thread?
 2. We can use multiple catch block with single try block, It is True or False?
 3. What is stream?
 4.method is used to stop execution for specific time
- Q.3(B) Answer Any One. (02)
1. What are Deamon Thread and Non-Deamon Thread?
 2. List Stream Classes in java.

- Q.3(C) Answer Any One. (03)
1. Write a program which can handle “divide by zero” exception using exception handling.
 2. Write a program to read abc.txt file
- Q.3(D) Answer Any One. (05)
1. Explain Exception in detail.
 2. Explain Thread life cycle.
- Q.4(A) Answer following Questions (04)
1.method is called first by an Applet.
 2. What is Canvas?
 3. Tag used for embedding applet into webpage.
 4. What is Applet?
- Q.4(B) Answer Any One. (02)
1. Explain Flow Layout.
 2. Explain border layout
- Q.4(C) Answer Any One. (03)
1. Explain Graphics class.
 2. Write a Program to Draw a Line on Canvas.
- Q.4(D) Answer Any One. (05)
1. Explain Applet Life Cycle with example.
 2. Explain Grid Layout with example.
- Q.5(A) Answer following Questions (04)
1. Full name AWT
 2. What is Action listener?
 3.method used get Text From JLabel.
 4. What is Event?
- Q.5(B) Answer Any One. (02)
1. Explain JTextArea.
 2. Explain Adaptor class.
- Q.5(C) Answer Any One. (03)
1. Difference between applet v/s swing
 2. Explain Action Listener with example
- Q.5(D) Answer Any One. (05)
1. Explain Mouse Listener with example.
 2. Write a java program to create menu driven as below using swing.
- Courses
- B.C.A
 - B.Sc.(I.T)
 - B.Sc.
- *****