



11529

Reg. No.

--	--	--	--	--	--	--	--

V Semester B.A./B.Sc. (CBCS) Degree Examination, March - 2021

COMPUTER SCIENCE

Object Oriented Programming Using Java

Paper : V



Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

Answer all the Sections.

SECTION - A

Answer any **Ten** Questions. Each question carries **Two** marks.

(10×2=20)

1. What is JVM?
2. What is casting? What are the types of Casting?
3. What is New Operator ? Give Syntax.
4. What are the two constants defined in Math Class?
5. What is for - loop? Give Syntax.
6. Write the syntax for creating objects in Java.
7. What is the difference between 'this' and 'super' keywords?
8. What is an array? How to declare an array in Java?
9. What is an interface?
10. What is a stream? Name the two types of Java streams.
11. What is an applet?
12. How is paint () method different from repaint () method?

SECTION - B

Answer any **Five** Questions. Each question carries **Ten** marks.

(5×10=50)

13. a) Explain any five features of Java.
b) - Write the basic structure of a java program and explain.

[P.T.O.]



(2)

11529

14. a) Explain different types of operators available in java. (5)
b) Write a java program to find the factorial of a number. (5)
 15. a) What are constructors? What are the types of constructors? Explain with suitable example. (5)
b) What is while loop? Explain with example. (5)
 16. a) What is an inheritance? Explain the different types of inheritance. (5)
b) Explain Abstract classes and methods with suitable examples. (5)
 17. a) What are strings in java? Explain any Five string methods. (5)
b) Write a program to sort list of elements in ascending and descending order and show the exception handling. (5)
 18. a) Explain the various access control modifiers. (5)
b) Define any five java API packages. (5)
 19. a) Explain the life cycle of Thread. (5)
b) What is an Exception? Explain with suitable example how to handle exceptions? (5)
 20. a) Explain the life cycle of an Applet. (5)
b) Write any five methods of Graphics class. (5)
-



11530

Reg. No.

--	--	--	--	--	--	--	--

V Semester B.A./B.Sc. (CBCS) Degree Examination, March - 2021

COMPUTER SCIENCE

Visual Programming

Paper : 6



Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

Answer all sections

SECTION - A

I. Answer any **Ten** questions. each question carries 2 marks.

(10×2=20)

1. Explain any two features of VB.
2. What are intrinsic controls? Mention the different intrinsic controls in VB Tool Box.
3. Explain any two properties and Events of form object.
4. How do you add items to a list box during runtime?
5. Explain any two properties and Events of Text box.
6. What is implicit and Explicit type of declaration in VB?
7. Explain any two string functions.
8. Differentiate between SDI and MDI.
9. What are the properties of oop?
10. What is DLL? Mention any two advantages of DLL.
11. What is Exception? Mention any two of them.
12. Define OLE. Give two features of OLE.

SECTION - B

II. Answer any **Five** complete questions. Each question carries ten marks

(5×10=50)

13. a) Explain VB IDE.
- b) Why VB is called as Event driven programming Language- Explain the categories of Events with an example.

[P.T.O.]



14. a) Explain Input and MsgBox dialog boxes.
b) Explain different properties and Events of listbox and combobox.
 15. a) Explain different types of procedures in VB.
b) Explain different types of Loops in VB
 16. a) What is an Array ? Create a VB application for calculator using control array.
b) Explain the steps to create menus.
 17. a) Write a VB program to design a small alarm clock application.
b) Differentiate between sequential and binary access of files.
 18. a) Explain Document/view architecture.
b) What is an Active-x control? Explain the steps to create Active-x controls.
 19. a) Write a note on different types of dialog box in VC++.
b) Write a note on Serilization.
 20. a) What is Record set ? Explain in detail the properties of Record set object.
b) Develop a VB application to display records from a database using ADODC control.
-