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100925

**GN-266**

V Semester B.A./B.Sc. Examination, December - 2019

(CBCS) (F+R) (2016-17 and Onwards)

**COMPUTER SCIENCE - V**

**Object Oriented Programming Using Java**



Time : 3 Hours

Max. Marks : 70

**Instruction :** Answer **all** the sections.

**SECTION - A**

I. Answer **any 10** questions. Each question carries **2** marks.

**10x2=20**

1. What is byte code ?
2. Explain if...else with example.
3. Difference b/w break and continue.
4. What is abstract methods ? Explain.
5. What is array ? Write the syntax for two dimensional array.
6. What is Finalizer() method ?
7. Define package. Give an example.
8. What is the use of getpriority(), setpriority() ?
9. Explain Join() and Sleep() method.
10. What is an Interface give an example ?
11. Explain repaint() method.
12. What are two different types of stream ? Explain.

**P.T.O.**

**SECTION - B****II. Answer any 5 questions.****5x10=50**

- |         |   |   |
|---------|---|---|
| 13. (a) | Explain any five features of Java.  | 5 |
| (b)     | Difference between Java and C.  | 5 |
| 14. (a) | What is type casting ? Explain with example.                              | 5 |
| (b)     | Explain any two iterative statement with example.                         | 5 |
| 15. (a) | Explain method overloading with example.                                  | 5 |
| (b)     | Mention any five differentiating points between Class and Abstract class. | 5 |
| 16. (a) | Explain any five string methods.  | 5 |
| (b)     | Write a note on wrapper class.  | 5 |
| 17. (a) | Discuss creating and implementing user defined package.                   | 5 |
| (b)     | What is Multithreading ? Explain with example.                            | 5 |
| 18. (a) | Demonstrate Exception Handling with suitable example.                     | 5 |
| (b)     | Explain User Defined Exception with suitable example.                     | 5 |
| 19. (a) | How to create an Applet demonstrate with suitable example ?               | 5 |
| (b)     | Write a Java Program to implement keyboard events using an applet.        | 5 |
| 20. (a) | Explain drawing line and rectangle with example.                          | 5 |
| (b)     | Write a Java program to check whether given number is palindrome or not.  | 5 |



**GN-267**

**100898**

V Semester B.A./B.Sc. Examination, December - 2019  
(CBCS) (F+R) (2016-17 and Onwards)

**COMPUTER SCIENCE - VI**

**Visual Programming**



Time : 3 Hours

Max. Marks : 70

**Instruction :** Answer *all* questions.

**SECTION - A**

**I. Answer any ten questions.**

**10x2=20**

1. What is Visual Programming language ? Write any two features of VB.
2. Explain Immediate window.
3. What is Variant data type ? Explain with suitable example.
4. Explain option button. Write any two properties of option button.
5. Distinguish between Image and picture box.
6. Explain Dim and Rem Statements.
7. Distinguish between Implicit and Explicit Variable.
8. Explain the difference between the Exit and END statement.
9. What is dynamic array ? Explain.
10. What is splitter window ? Mention types of splitter window.
11. Define Serialization. Name the 3 classes used in MFC Serialization.
12. Define OLE. Give two features of OLE.

**P.T.O.**

**SECTION - B****II. Answer any five questions.****5x10=50**

13. (a) Write a Note on Visual basic IDE. **5+5**  
(b) Explain different types of controls used in visual Basic.
14. (a) Distinguish between combo box and list box. **5+5**  
(b) Explain Scroll bar control with suitable example.
15. (a) Define scope of Variable. Explain the different levels of scope in VB Application. **5+5**  
(b) Explain branching statements used in VB.
16. (a) Using SELECT - Case Statement, write a VB Program to perform all the arithmetic operations. **5+5**  
(b) Distinguish between SDI and MDI application.
17. (a) Write a note on Common dialog box Control. **5+5**  
(b) Explain progress bar Control with an example.
18. (a) Write a note on OLE Control. **5+5**  
(b) Write a VB program to validate the username and password, stored in a database and display an appropriate message (use data control).
19. (a) What is Menu editor ? Write the steps to create menu using menu editor. **5+5**  
(b) Explain Dataware controls.
20. (a) Write a note on DLL. **5+5**  
(b) Explain document view architecture of MFC.

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