Total Pages: 8

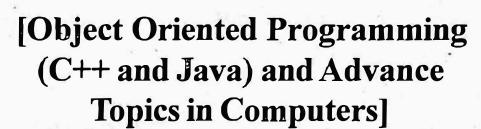
[PPU-D-III-(H)-BCA-6]

Degree (Part-III) Examination, 2024

(Vocational)

COMPUTER APPLICATION

Paper Code: 400806



Time: Three Hours] [Maximum Marks: 100

Note: Candidates are required to give their answers in their own words as far as practicable. The questions are of equal value. Answer any five questions. Question No. 1 is compulsory.

1.	Choose the correct answer	r from	the	follo	wing	
T .						7

- (i) Operator ">>" is called
 - (a) get operator
 - (b) extraction operator

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(1)

Turn Over

```
(c)
                     both (a) and (b)
              (d)
                     none of these
       (ii)
              Which keyword is of Java?
              (a)
                     Import
              (b)
                     Interface
              (c)
                     Implements
              (d)
                     All of the above
       (iii)
              The size of "double" data type in java is:
                     2-byte
              (a)
              (b)
                     4-byte
              (c)
                     8-byte
              (d)
                     10-byte
              What will be the output of program ..... int
       (iv)
              main()
                     int z=10;
                       do:
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                          (2)
```

```
cout << z;
                             z++;
                         } while (z > 10);
              return 0;
              }
              (a)
                      10
              (b)
                      11
              (c)
                     Infinite execution
              (d)
                     None of these
               Which feature is not supported by java?
       (v)
               (a)
                      Thread
               (b)
                      Interface.
               (c)
                      Applet
               (d)
                      Template
              What will be the output of program ......
       (vi)
              Class A
                     {
                       public static void main (String args[])
                          (3)
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                                                 Turn Over
```

```
int p=5;
                                for (i=1; i<2; i++)
                                      p=p+i;
                               System.out.println (P);
               (a)
               (b)
                      5
              (c)
                     Error in code
              (d)
                     None of these
              "jdk" stands for ......
       (vii)
                     java developer kit
              (a)
                     java development kit
              (b)
                     java do kit
              (c)
                     java demo kit
              (d)
                          (4)
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```

(viii)	prend function is defined				
	(a)	Outside class			
The second second	(b)	Inside class			
	(c)	Inside constructor			
	(d)	None of these			
(ix)	A destructor takes argument				
	(a)	One	e:		
	(b)	Two			
	(c)	Three			
	(d)	Zero			
(x)	Which type of inheritance is not supported by Java?				
	(a)	Multi-Level			
Section 11	(b)	Multiple			
	(c)	Hierarchy			
⁴⁰⁰⁸ 06/1610	(d)	Hybrid (5) Turn Over			

- 2. (a) What is constructor in Java? Discuss the types of constructor in Java.
 - (b) Write a program using constructor to take two number and display arithmetical operation.
- 3. (a) Explain pure virtual function in C++ with suitable example.
 - (b) What is template class in C++? Write a program in C++ to print greatest between two value integer, float and character.
- 4. (a) Explain Inheritance in C++ with some advantages and their types in Java.
 - (b) Explain loop and their types in Java.
- 5. What is Array? Discuss types of array in Java with suitable example.
- 6. What is Applet? Write a program in Applet to Add two number and display values in Applet on Button Click.
- 7. (a) What is difference between procedural and object oriented programming language?
 - (b) Write differences between structure and class.

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(6)

- 8. (a) What is access control specifier? Explain with suitable example.
 - (b) What is Operator overloading? Explain with suitable example.
 - 9. (a) Explain Friend Function with suitable example.
 - (b) Write difference between C++ and JAVA.
 - 10. (a) Discuss the advantages of OOPs.
 - (b) Explain "new" and "delete" keyword in C++.

THE END

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