

V Semester B.A./B.Sc. Examination, November/December 2017 (Semester Scheme) (F + R) (CBCS) (16-17 and Onwards) COMPUTER SCIENCE – V Object Oriented Programming Using JAVA

Time: 3 Hours Max. Marks: 70

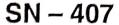
Instruction: Answer all Sections.

	SECTION - A	
l.	Answer any 10 questions. Each question carries 2 marks. (10)	<2=20)
	1) What is a web browser? Give an example.	
	2) Write a note on JVM.	
	3) What is nested if statement? Give an example.	
	4) What is a final variable? Give an example.	
	5) What is vectors ?	
	6) Differentiate between string and string buffers.	
	7) What is the use of import keyword? Give an example.	
	8) What is an error? Mention types of errors.	
	9) Differentiate between throws and throw keyword.	•
	10) Write a note on repaint () method.	
	11) What is stream classes? Mention two types of stream classes.	
	12) Mention any four I/O exceptions.	
	SECTION - B	
11.	Answer any 5 of the following questions. Each question carries 10 marks. (5×1	0=50)
	13) a) Explain any five features of Java.	5
	b) What is command line arguments? Explain with example.	5

Answer any 5 of the following questions. Each question carries 10 marks. (5	× 10=50)
13) a) Explain any five features of Java.	5
b) What is command line arguments? Explain with example.	5
14) a) Explain any five bitwise operators.	. 5
b) Explain any two looping statements with syntax and example.	5
15) a) Explain classes and objects with syntax and example.	5
b) Write a note on visibility controls.	5
	P.T.O.



16)	a)	Write a Java program to sort list of elements in ascending and descending order and show the exception handling.	5
	b)	Explain creating and implementing interfaces with example.	5
17)	a)	Write a note on user defined packages.	5
	b)	Explain with neat diagram life cycle of a thread.	5
18)	a)	Write a note on implementing runnable interfaces with example.	5
	b)	Explain multiple catch statements with example.	5
19)	a)	Explain getting numeric input from the user and display using applet.	5
	b)	Write a Java program to implement keyboard event using applet.	5
20)	a)	Explain drawing circles and ellipse with example.	5
	b)	Write a note on reading and writing characters to file.	5





V Semester B.A./B.Sc. Examination, November/December 2017 (CBCS) (F + R) (Semester Scheme) (16-17 and Onwards) COMPUTER SCIENCE - VI Visual Programming

Time: 3 Hours

Max. Marks: 70

Instruction: Answer all the Sections.

SECTION - A

Answer any ten questions. Each question carries two marks.

 $(10 \times 2 = 20)$

- 1. Explain any two features of VB.
- 2. Differentiate between Option Button and Check Box.
- 3. Define a form object.
- 4. What is variant data type?
- 5. What is an array?
- 6. Explain the usage of Progress Bar?
- 7. What is an object?
- 8. Mention any four file handling functions in VB.
- 9. What are Class Module Events?
- 10. What are the file opening modes in VC++?
- 11. List the advantages of ODBC.
- 12. What are Resources?



SECTION-B

Ans	we	er any five questions. Each question carries ten marks. (5)	<10=50)
	•	Explain various types of projects in VB. Write a note on any five controls of Tool Box in VB.	(5+5)
		Write a VB program to Encrypt and Decrypt a string (use Rnd to generate Encryption and Decryption keys). Explain any three looping statements in VB.	the (5+5)
		Explain different types of Procedures in VB. Write a note on MDI.	(5+5)
	-	Explain the menu editor in VB with an example. Write a VB program to calculate simple interest and compound interest us DLL.	ing (5+5)
		Write a note on API function. Explain Random file operation.	(5+5)
		Briefly explain Data Access Objects (DAO) Data Control. Write a VB program to display records from a database using ADO Data Control.	(5+5)
		Write a note on different types of dialog box in VC++. Explain creating menus in VC++.	(5+5)
		Explain exception handling in VC++. Write a note on DLL in VC++.	(5+5)