

**(CSC 3305)**  
**B.Sc. Degree (CBCS) Examinations**  
FEBRUARY- 2022  
EXAMINATION AT THE END OF III SEMESTER  
PART - II COMPUTER SCIENCE  
**OBJECT ORIENTED PROGRAMMING WITH JAVA**

TIME : Three hours

Maximum : 60 Marks

**PART-I**

Answer any **FIVE** of the following questions

5 X 4 = 20 M

1. Explain structure of java program.
2. Write about java virtual machine (JVM).
3. Explain constructor methods.
4. Explain static members.
5. Write about any four String class methods in java.
6. How to declare and initialize an array in Java?
7. Explain Thread Priority.
8. Write about multiple catch statements.
9. How to create package in Java?
10. What is the difference between local and remote applet?

**PART-II**

Answer the following questions

5 X 8 = 40 M

- 11 a) Explain Java features.  
(OR)  
b) Explain different types of Operators in Java.
- 12 a) Explain the forms of If statement with an example.  
(OR)  
b) Explain method overloading and method overriding with an example.
- 13 a) What is an inheritance? Explain types of inheritance.  
(OR)  
b) Explain various forms of interfaces implementation.
- 14 a) Explain life cycle of a thread.  
(OR)  
b) Explain exception handling mechanism.
- 15 a) Explain applet life cycle.  
(OR)  
b) Explain various Byte and Character Stream classes in java.

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**(CSC N 4305-1)**  
**B.Sc Degree (CBCS) Examinations-July 2022**  
**SEMESTER-IV**  
**OBJECT ORIENTED PROGRAMMING USING JAVA**

E: 3 Hrs

Max Marks:6

**SECTION-A**

Answer any five of the following questions

5X4=20M

1. Explain the Naming Conventions followed in Java.
2. Illustrate the use of scanner class.
3. Illustrate recursive functions.
4. Define a constructor. Write a program to demonstrate constructor.
5. Define Polymorphism and Explain types of Polymorphisms.
6. Explain Type casting.
7. Write a program to count number of characters in a file.
8. Explain Daemon threads.
9. How to create animators in applet.
10. Illustrate retrieval of data from database.

**SECTION-B**

Answer all Questions.

5X8=40M

11. A) Illustrate how 1-D and 2-D arrays are created accessed.  
(OR)  
B) Define a Constant. Explain various types of constants supported in Java.
12. A) Explain the methods of String class.  
(OR)  
B) Explain static methods and static blocks.
13. A) Explain Method overloading and Method overriding with example programs.  
(OR)  
B) Define Interface. Explain multiple inheritance using interfaces.
14. A) Explain creation of threads using thread class and runnable interface.  
(OR)  
B) Define a thread. Explain its life cycle.
15. A) Explain passing parameters to Applet.  
(OR)  
B) Explain the stages in JDBC program.

X - X ✓ X

(CSC 3305)  
B.Sc. (MPCS, MSCS, MECS, MPM) (CBCS) Examinations  
NOVEMBER - 2018

EXAMINATION AT THE END OF III SEMESTER  
PART - II COMPUTER SCIENCE - 3

OBJECT ORIENTED PROGRAMMING WITH JAVA (OOPS WITH JAVA)

TIME : Two and half hours

Maximum : 60 Marks

**PART-I**

Answer any **FIVE** of the following questions

5 X 4 = 20 M

1. Explain structure of java program.
2. Write about java virtual machine (JVM).
3. Explain constructor methods.
4. Explain static members.
5. Write about any four String class methods in java.
6. How to declare and initialize an array in Java?
7. Explain Thread Priority.
8. Write about multiple catch statements.
9. How to create package in Java?
10. What is the difference between local and remote applet?

**PART-II**

Answer the following questions

5 X 8 = 40 M

11. Explain Java features.

(OR)

Explain different types of Operators in Java.

12. Explain the forms of if statement with an example.

(OR)

Explain method overloading and method overriding with an example.

13. What is an inheritance? Explain types of inheritance.

(OR)

Explain various forms of interfaces implementation.

14. Explain life cycle of a thread.

(OR)

Explain exception handling mechanism.

15. Explain applet life cycle.

(OR)

Explain various Byte and Character Stream classes in java.

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**(CSC 3305)**  
**B.Sc. (MPCS, MSCS, MECS, MPM) (CBCS) Examination**  
 MARCH - 2021  
 EXAMINATION AT THE END OF III SEMESTER  
 PART - II COMPUTER SCIENCE  
**OBJECT ORIENTED PROGRAMMING WITH JAVA (OOPS WITH JAVA)**  
 TIME : Three hours Maximum : 60 M:

**SECTION - I**

Answer any FIVE out of the following.

5 x 4M= 20Mark

1. Define variables and constants?
2. How to declare and initialize arrays in java?
3. Briefly explain structure of a java program?
4. Explain different types of operators?
5. Explain about abstract classes in java?
6. Write short notes on wrapper classes?
7. What are the differences between local and remote applets?
8. Write short notes on constructors?
9. Write short notes on primitive data types in java?
10. How to implement runnable interface?.

**SECTION - II**

Answer ALL the following questions.

5x8M=40 Mar

11. (a) Explain features of java?  
(OR)  
(b) Explain about various branching statements in java?.
12. (a) Explain different types of inheritance?  
(OR)  
(b) Explain about various looping statements in java?
13. (a) Explain about exception handling in java?  
(OR)  
(b) Explain method overloading with example?
14. (a) Explain the life cycle of thread?  
(OR)  
(b) Explain about thread priority with example program?
15. (a) Explain how multiple inheritance is implemented in java with example?  
(OR)  
(b) Explain the life cycle of an applet?