

III B. TECH II SEMESTER REGULAR EXAMINATIONS APRIL - 2023
ADVANCED JAVA PROGRAMMING
(CSE-INTERNET OF THINGS (CSO))

Time: 3 hours

Max. Marks: 70

Note: Answer **ONE** question from each unit (**5 × 14 = 70 Marks**)

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UNIT-I

1. a) Write a note on Array List. [7M]  
b) What do you understand by collection frame work in Java? Justify. [7M]  
(OR)
2. a) List the Pros of Collection Framework in Java. [7M]  
b) List down the primary Interfaces provided by the Java Collection Framework. [7M]

UNIT-II

3. a) Discuss about various Networking Classes. [7M]  
b) What are the uses of JDBC? Explain with suitable example. [7M]  
(OR)
4. a) Write about URL class and URLConnection class. [7M]  
b) Explain about establishing the database connection. [7M]

UNIT-III

5. a) Explain Lists in HTML. Give an example. [7M]  
b) Explain the procedure to validate the XML documents. [7M]  
(OR)
6. a) What is form? Explain any 7 form controls. [7M]  
b) Explain about various types of XML parsers. [7M]

UNIT-IV

7. a) Explain the lifecycle of Servlet. [7M]  
b) Explain how initialization parameters are read by a servlet. [7M]  
(OR)
8. a) Distinguish between Get and Post Request types in servlets. [7M]  
b) Discuss about session tracking in servlets with examples. [7M]

UNIT-V

9. a) Explain about JSP Processing. [7M]  
b) Explain about implicit objects in JSP. [7M]  
(OR)
10. a) Discuss about anatomy of JSP. [7M]  
b) Discuss how cookies are implemented in JSP with example. [7M]

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