

**H.B.T.U KANPUR**

**MID SEM EXAM II (F-CS / F-IT)**

**MM: 15**

**Mobile Application Development (ECS-451)**

**TIME: 1 hr**

**NOTE: ATTEMPT ALL QUESTIONS.**

- ✓ 1. What do you mean by Mobile Operating System? Describe any three Mobile OS. [3]
2. What are the various options available for storing and managing data of mobile applications? [3]
3. Write short notes on any two - [3]
  - Business requirement
  - User requirements
  - Functional requirements
4. What do you mean by Non Functional requirements? Describe any five. [3]
- ✓ 5. What are the processes of Mobile Application Testing? Describe. [3]

# Harcourt Butler Technical University, Kanpur

## II-Mid Semester Exam 2022-23

### DATA WAREHOUSING & DATA MINING (EIT-463) (FCSE/FIT)

**Time: 60 min**

**Max Marks: 15**

**Note: 1. Attempt all questions.**

**2. All questions carry equal marks.**

1. Define Data warehouse? What are the design principles of data warehouse? [5]
2. Describe the data classification process. How does the Naive Bayesian classification works?  
[5]
3. Explain the following: [5]
  - a) Density based clustering methods
  - b) Grid based clustering methods



No. of Printed Pages: 01

Roll No. ....

**HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR**

**Final (CS+ IT)**

**Second Mid-Semester Examination**

**Odd Semester (VII), 2022-23**

**Software Testing (ECS-491)**

**Time: 1 Hour**

**Max. Marks: 15**

Note: 1. Attempt all questions. All questions carry marks, as shown against them.

1. Explain integration testing with its type in detail. (5)
  2. Define the following terms: (5)
    - a. Scenario Testing
    - b. Beta Testing
    - c. Stress Testing
    - d. Defect Bash
    - e. Acceptance Testing
  3. Discuss regression testing with its test and selection process. (5)
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Date of showing evaluated answer books: December 10<sup>th</sup> 2022  
No. of Printed Pages: 01.

Roll No. ....

## HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR

Mid Semester Examination - II

Odd Semester (B. Tech, 7<sup>th</sup> semester), 2022-23

**OCE 491: Environmental Pollution and Management**

**Time: 1:00 Hour**

**Max. Marks: 15**

Note: 1. Attempt all questions. All questions carry marks as shown against them

<b>Q.1</b>		<b>7</b>
a)	Discuss the various factors affecting the self-purification capacity of streams	4
b)	Give the classification of surface water bodies in India based on 'Designated Best Use' criteria	3
<b>Q.2</b>		<b>8</b>
a)	Define the term ' <i>Environmental Impact Assessment</i> '. Explain the purpose and objectives of an EIA	4
b)	Define the term ' <i>Environmental Audit</i> '. Enumerate and explain the different types of Environmental Audits	4