

MSc IT MAUD Sem-3 Examination

MSCMA-502

Advanced Iphone Programing

December-2024

Time : 2-30 Hours]

[Max. Marks : 70

Instructions:

- **Can't write any code on this paper.**
- **Can't tick any Options on this paper.**

A) Multiple Choice Questions:

1. What is the purpose of UICollectionViewDelegateFlowLayout?
 - A) Managing database connections
 - B) Defining size and spacing of collection view cells
 - C) Handling network requests
 - D) Creating UI animations

[4]
2. What does NSPredicate do in Core Data?
 - A) Manages network requests
 - B) Filters and searches data
 - C) Creates database tables
 - D) Handles UI updates

[4]
3. What does the UITableViewDelegate method willDisplay(_:forRowAt:) do?
 - A) Stops cell display
 - B) Notifies before a cell is about to be displayed
 - C) Starts cell display
 - D) Resets cell position

[4]
4. How do you implement swipe actions in a UITableView?
 - A) By modifying storyboard
 - B) By implementing trailingSwipeActionsConfigurationForRowAt
 - C) Through Interface Builder
 - D) By adding constraints

[4]

5. How do you save context in Core Data?
- A) Using saveDatabase()
 - B) By calling save() on the managed object context
 - C) Through storyboard settings
 - D) By adding constraints

[4]

6. What does the UITableViewDataSource protocol define?
- A) UI layout methods
 - B) Animation methods
 - C) Methods for providing data to a table view
 - D) Network communication methods

[4]

7. What is a fetch results controller in Core Data?
- A) A network connection manager
 - B) Manages and tracks changes in Core Data
 - C) Creates database tables
 - D) Handles UI animations

[4]

B) Answer in Brief:

1. What is the purpose of viewDidLoad()? [2]
2. What method is used to register a custom cell class with a table view? [2]
3. What is the responder chain in UIKit? [2]
4. How do you hide a UIView? [2]
5. How do you implement a custom UIPickerView data source? [5]
6. How do you implement a custom UICollectionViewLayout? [5]
7. How do you implement a custom UITableViewCell? [5]
8. What is a UIStackView distribution property? [5]
9. What is the purpose of UIApplicationDelegate? [7]
10. What is the difference between UITableView and UICollectionView? [7]