**Important Questions**

**Part A**

1. Prepare an example for swipe operation in mobile devices and explain its implementation.
2. Describe about OWASP.
3. Analyze the design issues during the development of mobile application.
4. Give the different design patterns for mobile application.
5. Discuss the different mobile applications for multimedia.
6. Show the advantages of gestures over touch events. List the gesture events.
7. Prepare an example for swipe operation in mobile devices and explain its implementation.
8. Can you list the challenges for mobile cloud computing?
9. Analyze the flowchart integrating GPS with mobile application.
10. Predict the design issues during the development of mobile application.
11. Show the usage of long tap.
12. Analyze the issues in social media networking.
13. Predict the design issues during the development of mobile application.

**Part B**

**6. (a)** i) Write and discussthe quality constrains in mobile applications. [7]

ii) Classify various user interfaces in mobile application [6]

**(or)**

**6. (b)** Discuss how touch events & gestures are used in mobile application.

**7. (a) i)** Analyze the steps in creating social media application with its quantitative metrics. [8]

ii) Discuss about design patterns of mobile application. [5]

**(or)**

**7. (b)** Design and Illustrate the Mobile Cloud Architecture and explain its advantages.

**6. (a)** Write short notes on the list given below:

(i) Touchevents [7]

(ii) Gestures [6]

**(or)**

**6. (b)** Write and discusson performance, usability, security, availability and modifiability.

**7. (a)** Design and Illustrate the Mobile Cloud Architecture and explain its advantages.

**(or)**

**7. (b)** i) Explain about the constraints in mobile cloud computing [6]

ii) Analyze the steps in creating social media application with its quantitative metrics. [7]

**6. (a)** Write and discussthe quality constrains in mobile applications.

**(or)**

**7. (a)** Analyzeabout various challenges for mobile cloud computing.

**(or)**

**7. (b)** i) Discuss about design patterns of mobile application. [6]

ii) Analyze the steps in creating social media application with its quantitative metrics. [7]

**PART – C**

**8. (a)** Develop a program for maintaining a database for storing and viewing the student’s grade details.

**8. (b) i)** Design and Illustrate the Media App Architecture. [8] ii) Explain about the constraints in mobile cloud computing [6]

**8. (a)** Develop a program for maintaining a database for storing the player’s details.

**(or)**

**8. (b) i)** Discuss about design patterns of mobile application. [6] ii) Summarize the various multimedia application. [8]

**8. (a)** Develop a program for maintaining a database for storing and viewing the employee salary details.

**8. (b) i)** Design and Illustrate the Mobile Cloud Architecture. [6] ii) Summarize the various multimedia application. [8]