

A-844

Total Pages : 3

Roll No.

MCS-604

Introduction to Mobile Architecture

(MCA)

4th Semester Examination, 2024 (June)

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

(Long Answer Type Questions) 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

A-844/MCS-604

(1)

P.T.O.

1. Draw a memory hierarchy diagram and explain about the various types of memory used in a Mobile phone. Define the functionality of each memory also.
2. Identify four threats faced by organizations while using Information Technology.
3. Explain the Android application Architecture.
4. Explain about the frameworks and tools required for developing mobile application.
5. Differentiate between Freemium Distribution Model and Paid Distribution Model.

Section–B

(Short Answer Type Questions) 4×8=32

Note :- Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. What is Mobile App Testing ? How does App Testing benefit your business ?

2. What constitutes a mobile user interface (UI) ? Provide a list of notable UI design software. Enumerate the key factors a designer should take into account when crafting a mobile user interface.
3. Differentiate between Active Speaker Vs. Passive Speakers.
4. Explain the basic functions of mobile operating system.
5. List down some components of mobile support infrastructure.
6. Discuss the advantages and disadvantages of ‘Cross Platform Mobile Application Development Tools’.
7. Draw and explain about the Architecture of a hybrid Mobile Application.
8. What are the components of a mobile application ? Explain each or the components and its functionality.
