

**CERTIFICATE IN MOBILE
APPLICATION DEVELOPMENT
(CMAD)**

Term-End Examination

December, 2024

**BCS-091 : INTRODUCTION TO MOBILE
ARCHITECTURE**

Time : 3 Hours

Maximum Marks : 75

***Note : Question No. 1 is compulsory. Answer any
three questions from the rest.***

1. (a) What is the main consideration of mobile app development ? What are the main challenges in mobile app strategy ? 10
- (b) What is the difference between mobile application and web application ? 10
- (c) What is authentication ? What are the different authentication methods in mobile apps ? Briefly explain. 10

2. (a) Explain end-to-end steps used in mobile app deployment. 5
- (b) Explain the layers of mobile-view-controller architecture. 10
3. (a) Define ARM architecture. Explain how this architecture proved as a boon for windows phone. 10
- (b) What are the key functions of mobile device management ? 5
4. (a) What do you understand by mobile app testing ? Explain different mobile app testing strategies. 10
- (b) What are android interfaces and applications ? 5
5. (a) What are proximity sensors ? What are its applications ? 5
- (b) What are the existing commonly used mobile operating systems ? Explain any *two* operating systems. 10

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