

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

**Term-End Examination**

**December, 2022**

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

*Time : 3 Hours*

*Maximum Marks : 75*

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

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1. (a) Explain any **five** security related practices for securing mobile platform. 10
- (b) Explain the core features of various stages of mobile app evolution with the help of a figure. 10
- (c) Explain the main components of mobile support infrastructure. 10

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2. (a) Explain the process of knowing the operating system of a mobile phone. Make necessary assumptions. 8
- (b) List any *seven* features of Android. 7
3. (a) List any *five* security features of iOS. Make necessary assumptions. 5
- (b) What is an ARM processor ? Explain any *five* features of it. 10
4. (a) What is a ROM ? Explain the features of MROM and PROM. 10
- (b) List any *five* basic specifications of a Gyroscope. 5
5. (a) What is an Accelerometer ? Explain any *two* types of Accelerometers. 10
- (b) List any *five* types of mobile screens. 5