

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

**Term-End Examination**

**June, 2025**

**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) What are the core features of the various stages of mobile app evolution ?  
What are the *three* types of mobile apps ? 10

- (b) What are the key functions of Mobile Device Management ? Explain in detail.  
10
- (c) What are the various changes made during the transition from Windows Mobile to Windows Phone ? 10
2. (a) What are the security related policies for a secured mobile platform ? 10
- (b) Explain the features included in iOS for differently abled person to use the platform. 5
3. (a) What are the different types of sensors used in a smart mobile phone ? 5
- (b) What is accelerometer ? What are the different applications of accelerometer ?  
10

**[ 3 ]**

4. (a) What is a Mobile Operating System ?  
What are its functions ? 5
- (b) What is an Android architecture ?  
Explain layers of Android architecture  
in brief. 10
5. (a) Explain the role of Linux-Kernel in  
Android. 5
- (b) Describe the use of Dalvik Virtual  
Machine and its functions. 10

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