

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

Term-End Examination

June, 2025

**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 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 ?
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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

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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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