BCS-091

CERTIFICATE IN MOBILE APPLICATION DEVELOPMENT (CMAD)

Term-End Examination

December, 2021

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) Explain any **two** layers of MVC framework in the case of a web based application. 10

   (b) Explain the **four** basic functions of an Operating System. 10

   (c) Write a short note on any **two** mobile processors. 10

2. (a) List any **five** advantages of SWIFT. 5

P. T. O.

   (b) Explain any **two** approaches for cross platform mobile app development. 10

3. (a) Explain the process for designing user interface for mobile apps with the help of a figure. 10

   (b) List any **five** guidelines for optimal power usage by a mobile app. 5

4. (a) Explain any **five** features of Android. 5

   (b) What is Dalvik Virtual Machine ? List any **four** features of it. 10

5. (a) Explain any **ten** performance attributes of a mobile display. 10

   (b) List any **five** types of microphones. 5

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