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Total No. of Pages : 02

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# BMCI (2014 & Onwards) (Sem.–5) MOBILE APPLICATION DEVELOPMENT Subject Code : BMCI-501 Paper ID : [74103]

Time: 3 Hrs.

Max. Marks : 60

## INSTRUCTION TO CANDIDATES :

- 1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.

## **SECTION-A**

### Q1. Answer briefly :

- a) Give the advantages and disadvantages for Mobile Application.
- b) What are the types of Mobile Applications?
- c) What do you mean by JSON?
- d) What are the important blocks of Application Framework?
- e) What is the functionality of Mobile Application?
- f) What are the components of UI tool kit?
- g) What are challenges in developing mobile application?
- h) List out the various design issues that need to be considered during the development of mobile application.
- i) Why do Google maps need WiFi?
- j) Bring out the popularity features of android mobile applications.



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#### **SECTION-B**

- Q2. Explain about the Menus and Dialogs.
- Q3. Discuss about the Smartphone future.
- Q4. Discuss about RTOS with suitable example.
- Q5. Explain the impact of GPS on mobile applications.
- Q6. Discuss the applications of android.

### **SECTION-C**

- Q7. Explain in detail about publishing an app. Also discuss about the validation in Mobile Applications.
- Q8. Define Android and explain in detail about android architecture.
- Q9. Explain how to interact with UI with suitable example.