



RX-003-1046001 Seat No. _____

**B. Sc. (Information Technology) (Sem. VI) (CBCS)
(W.I.F.2016) Examination**

March - 2019

CS - 31 : Mobile Computing Using Android

Faculty Code : 003

Subject Code : 1046001

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Objective type Questions : 4
- (1) Full form of OHA _____
 - (2) Full form of SDK _____
 - (3) Extension of Manifest file is _____
 - (4) Extension of R file is _____
- (B) Answer in Brief : (Any One out of Two) 2
- (1) Explain about Activity.
 - (2) Explain about Service.
- (C) Answer in Brief : (Any One out of Two) 3
- (1) Explain about Intent.
 - (2) Write down steps to download SDK.
- (D) Write note on : (Any One out of Two) 5
- (1) Explain about Manifest file
 - (2) Explain any 5 android terminologies

- 2** (A) Objective type Questions : **4**
- (1) Full form of UI _____
 - (2) Service Means _____
 - (3) Interface means _____
 - (4) Activity means _____
- (B) Answer in Brief : (Any **One** out of Two) **2**
- (1) Give an example of Linear Layout.
 - (2) Give an example of Table Layout.
- (C) Answer in Brief : (Any **One** out of Two) **3**
- (1) Explain about Fragment.
 - (2) Explain about Dialog.
- (D) Write note on : (Any **One** out of Two) **5**
- (1) Explain any 5 screen elements
 - (2) Write down coding to create layout of login screen using table layout.
- 3** (A) Objective type Questions : **4**
- (1) SQLITE is a _____
 - (2) File is a _____
 - (3) Database is made of _____
 - (4) Data means _____
- (B) Answer in Brief : (Any **One** out of Two) **2**
- (1) Explain about Internal Storage
 - (2) Explain about Content Providers

- (C) Answer in Brief : (Any **One** out of Two) **3**
- (1) Explain about External Storage
 - (2) Write down basic code of insert data in SQLite.
- (D) Write note on (Any **One** out of two) **5**
- (1) Explain about SQLite.
 - (2) Write down code to create SQLiteHelper Class to create Database and Table. (Assumption is yours)
- 4 (A) Objective type Questions : **4**
- (1) Full form of GPS _____
 - (2) Full form of LBS _____
 - (3) Full form of API _____
 - (4) Web API means _____
- (B) Answer in Brief : (Any **One** out of Two) **2**
- (1) Explain about GPS
 - (2) Explain about LBS
- (C) Answer in Brief : (Any **One** out of Two) **3**
- (1) Explain about Networking API
 - (2) Explain about Telephone API.
- (D) Write note on : (Any **One** out of Two) **5**
- (1) Write down code to check internet connection is available or not
 - (2) Explain about Mapping Location.

- 5** (A) Objective type Questions : **4**
- (1) Notification area in android is _____
 - (2) full form-of JSON _____
 - (3) Vibrating is a _____
 - (4) MYSQL is a _____
- (B) Answer in Brief : (Any **One** out of Two) **2**
- (1) Explain about Notification
 - (2) Explain about MySql.
- (C) Answer in Brief : (Any **One** out of Two) **3**
- (1) Explain about JSON
 - (2) Define types of Notification
- (D) Write note on : (Any **One** out of Two) **5**
- (1) Write down code to vibrate the phone.
 - (2) Write down steps to publish android application
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