3007M118   Candidate's Seat No :_____

B.C.A Sem.-6 Examination
Sec - 302 (1)
Mobile App Dev. (Old)

Time : 2-00 Hours]   July 2021   [Max. Marks : 50

Instructions :All Questions in Section – I carry equal marks
Attempt any Two questions in Section - I
Question V in Section - II is Compulsory

Section – I

Q-1
(A) What is Mobile computing? List and explain characteristics of mobile computing. **(10)**
(B) What is Radio Subsystem? Explain its important component. Also explain GSM Services **(10)**

Q-2
(A) Explain features of Mobile IP. **(10)**
(B) Explain Architecture of TCP/IP. **(10)**

Q-3 (A) What down steps for creating emulator. Also write down steps for creating new Android Project. **(10)**
(B) Write a note on Android Manifest file. **(10)**

Q-4 (A) Explain Resource folder. Also explain View class. **(10)**
(B) Write a short note on Absolute Layout and Relative Layout. **(10)**

Section - II
Q-5 Multiple Choice questions: (any five)   **(10)**

1. Emulator is also known as _____.
   a) Android Virtual Device.   b) Admin Visual Device
   c) Android Virtual Data.   d) None of the above

2. _____ is not the TCP/IP Protocol Layer.
   a) Application Layer   b) Transport Layer
   c) Controller Layer   d) Network Access Layer

3. _____ is a compiler – generated file that references all the resources found in your project.
   a) R.java   b) main.xml
   c) AndroidManifest.xml   d) None of the above

4. _____ is not a Random Assignment schemes.

(P.T.O)

a) ALOHA
b) Split-ALOHA
c) CSMA/CA
d) CSMA/CD

5. main.xml is in _____ folder.
   a) Bin
   b) Values
   c) Layout
   d) Gen

6. For Cellular Mobile Communication each area is divided in _____.
   a) Hector
   b) Cell
   c) Sector
   d) None of the above

7. Second Generation mobile worked based on _____.
   a) GPRS
   b) GSM
   c) UMTS
   d) AMPS

8. GPRS stands for _____.
   a) Geographical Packet Radio System b) Graphical Packet Radio System
   c) General Packet Radio Service   d) Generation Packet Radio System

9. HTTP stands for _____.
   a) Hyper Text Transfer Protocol
   b) Hyper Text Transmission Protocol
   c) Hyperlink Text Transfer Protocol
   d) Hypermedia Text Transfer Protocol

10. DNS stands for _____.
    a) Domain Name Service
    b) Domain Network Service
    c) Digital Name System
    d) Digital Network Service