MCS-231

MASTER OF COMPUTER APPLICATIONS (MCA-NEW)

Term-End Examination

December, 2022

MCS-231 : MOBILE COMPUTING

Time : 3 Hours   *Maximum Marks : 100*

*Note :Question No. 1 is compulsory and carries 40 marks. Attempt any **three** questions from the rest.*

1. (a) What is Frequency Division Multiplexing (FDM) ? What are its advantages, disadvantages and applications ?   10

   (b) What is GPRS ? Explain its features. Also, list the services offered by it.   10

   (c) What is LTE ? Explain its features.   10

   (d) Write a short note on the Adhoc Networks.

   10

2. (a) What is a cellular network ? Explain its various components. 10

   (b) Explain mobile computing architecture with the help of a diagram. 10

3. (a) List any *five* applications of mobile computing. 10

   (b) Explain J2EE architecture. 10

4. (a) Explain the functions of a mobile operating system. 10

   (b) Explain the features of an integrated development platform for mobile apps. 10

5. (a) Explain the features of iOS. 10

   (b) Explain the features of XML. 10