NOVEMBER/DECEMBER 2020

MCS33 — MOBILE COMPUTING

Time : Three hours   Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

1.   (a)   List the characteristics of mobile computing.

Or

     (b)   Explain the structure of Mobile Computing Application.

2.   (a)   What are the features of Mobile IP?

Or

     (b)   Describe the overview of TCP/IP.

3.   (a)   List the advantages of GPRS.

Or

     (b)   Describe the architecture of UMTS system.

4.   (a)   Write down the characteristics of Ad-Hoc Networks.

Or

     (b)   Distinguish between MANET Vs VANET.

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5. (a) Write a note on constraints and requirements on Mobile Device Operating System.

Or

(b) Explain the Commercial Mobile Operating System.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Explain the Mobile Computing Applications and MAC protocols.

7. Sketch and explain the Architecture of TCP/IP layer with diagram.

8. Discuss the Architecture of GSM with diagram.

9. Describe the Essential of Traditional Routing Protocols.

10. Explain the structure of M Commerce with diagram and its influence in Business.

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