Reg.No: | | | | | | | | | | | |

D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1

SEMESTER EXAMINATIONS

DECEMBER - 2022 21CPCS3B

MOBILE COMPUTING

Time: 3 Hours **Max. Marks: 75**

SECTION – A (5 X 6 = 30)

Answer ALL the questions.

1. (a) Write any three Mobile and Wireless device and explain it.

   Or

   (b) Compare FDM and TDM.

2. (a) Compare MANET Vs VANET.

   Or

   (b) With the help of block diagram explain cellular communication concepts.

3. (a) Write the assumptions and requirements of Mobile IP.

   Or

   (b) Explain cellular data communication protocols.

4. (a) Describe the architecture of mobile ad-hoc networking.

   Or

   (b) Distinguish between wired network and ad-hoc wireless network.

5. (a) Write in detail on Commercial Mobile Operating Systems.

   Or

   (b) Elaborate on Transaction Protocol.

SECTION – B (3 X 15 = 45)

Answer any THREE of the following questions.

6. How wireless communication used in vehicles?
7. With a neat diagram explain block of GSM architecture.
8. Describe about the digital video broadcasting with a diagram.
9. What is Indirect TCP? Compare it with Snooping TCP.
10. Discuss about software development WAP architecture.

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