

**School of University Polytechnic****Diploma in Computer Science and Engineering  
Semester End Examination - Aug 2024****Duration : 180 Minutes  
Max Marks : 100****Sem V - N1DF502B - Mobile Computing***General Instructions**Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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|-----|--------------------------------------------------------------------------------------------|--------|
| 1)  | Define the BSS.                                                                            | K1(2)  |
| 2)  | Explain the working of NPS.                                                                | K2(4)  |
| 3)  | Explain the role of SDMA in 5G Mobile Communication.                                       | K2(6)  |
| 4)  | Illustrate the features of Mobile Routing Protocol.                                        | K3(9)  |
| 5)  | Illustrate the features of GSM Networks.                                                   | K3(9)  |
| 6)  | Prove the why IP and Routing Protocol is mandatory for secure data delivery.               | K5(10) |
| 7)  | Differentiate the working of Fixed Assignment and Dynamic Assignment Schemes with example. | K4(12) |
| 8)  | Prove the significance of UMTS in 5G.                                                      | K5(15) |
| 9)  | Prove the significance of Payment Gateway in details.                                      | K5(15) |
| 10) | Create the model of CDMA Networks and explain its parts also.                              | K6(18) |