

Mid-West University
Examinations Management Office

End Semester Examinations 2081

Bachelor level/ B.E. Computer/ 6th Semester

Time: 3 hours

Subject: Wireless and Mobile Communication (CO466/CE552)

Full Marks: 50

Pass Marks: 25

- *Attempt all the questions*
- *Figures in the margin indicate full marks.*
- *Assume suitable values, with a stipulation, if necessary.*
- *Candidates are required to answer the questions in their own words as far as possible.*

1. Explain the different Generation of mobile Communication. (5)
2. What is cell and cluster? Explain the frequency assignment strategies. (2+2+3)
3. What is handover technique? Explain its types. (3+4)
4. Explain about different modulation techniques in detail. Also, write its advantages. (4+2)
5. Explain Binary Phase shift Keying with block diagram. (6)
6. What is Frequency Division Multiple Access System? Explain with block diagram. (4)
7. a) what is GSM? Explain GSM system Architecture. (2+3)
b) What is LTE? Explain its architecture. (2+3)
8. Write short note on; (2+3)
 - a) DECT technology
 - b) WIMAX

The End