COURSE CODE: DCAP607
COURSE TITLE: WIRELESS NETWORKS

Time Allowed: 3 hours   **Max. Marks: 80**

1. *This paper contains 10 questions divided in two parts on __1__ page.*
2. Part A is compulsory.
3. In Part B (Questions 2 to 10), attempt any 6 questions out of 9. Attempt all parts of the selected question.
4. *The marks assigned to each question are shown at the end of each question in square brackets.*
5. *Answer all questions in serial order.*
6. The student is required to attempt the question paper in English medium only.

PART – A

Q1.
a) Define wireless communication.   [2]

b) What is wireless PAN?   [2]

c) Explain need of an Access Point.   [2]

d) What do you understand by remote accessing?   [2]

e) What is IEEE standard for wireless communication?   [2]

f) What is wireless Ad-hoc network?   [2]

g) What is WAN?   [2]

h) What is Meteor Burst Communication?   [2]

i) What is DoS attack?   [2]

j) What is security policy?   [2]

PART – B

Q2. Explain various types of wireless networks?   [10]

Q3. Compare the fundamentals of radio signal and light signal.   [10]

Q4. Explain various wireless PAN technologies.   [10]

Q5. Explain various wireless networking devices and end user devices.   [10]

Q6. Explain the concept of Public Wireless LAN's, and AdHoc Wireless LAN's.   [10]

Q7. Explain wireless MAN with the help of proper component description.   [10]

Q8. What is cellular based wireless WAN? Explain its various generations.   [10]

Q9. How space based wireless WAN works?   [10]

Q10. Explain 802.11 Authentication Vulnerabilities and discuss various authentications Techniques.   [10]