

**SHORT:**

- Q1) Explain the technical issues for mobility. (CH1)
- Q2) Describe the layers of Infrared Data Association (IrDA) protocol stack. (CH2)
- Q3) What is Mobile IP? Discuss the major goals of mobile IP. (CH3)
- Q4) With the help of diagram, differentiate between Indirect TCP and Snooping TCP. (CH3)
- Q5) Discuss the steps of pull operation in WAP. (CH6)
- Q6) Define mobile agent. Describe the requirements of mobile agent systems. (CH7)

**LONG:**

- Q1)
- a) Explain the distinct phases of proactive routing protocols. (CH4)
  - b) Write the difference between distance vector and link state routing protocols. (CH4)
- Q2). Be brief while answering the following questions.
- a) Discuss the routing protocols that come under the category of data centric protocols. (CH5)
  - b) Discuss the differences between WSN and MANETs. (CH5)
- Q3). Discuss the following:
- a) Any five security threats to wireless networks. (CH8)
  - b) Three basic security features defined by Bluetooth. (CH8)