

AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING, I.A.F, AVADI, MUTHAPUDUPET
YEAR/SEM/SEC: IV/VIII/A & B.MODEL QUESTION PAPER,TOTAL MARKS:100,

TIME DURATION: 3 HRS

SET-2

GROUP-A(2*5=10)

- 1.distinguish between flat and frequency selective fading.
- 2.what do you mean by ping-pong effect?
- 3.define jitter.
- 4.what is short distance based transmission
- 5.how do you take care of interference between Bluetooth and 802.11.
- 6.what is an ad-hoc network topology.
- 7.why stress and motion sensors used.
- 8.give two examples of sensor network.
- 9.what is the basic difference proactive and reactive protocol.
- 10.list out atleast two table driven protocols.

Group-B(16*5=80)

- 11.(i)with neat diagram explain the three wireless LAN technology.
ii.write short notes on HIPERLAN-1 and HIPERLAN-2.

OR

- 12.explain in detail the IEEE 802.11 WLAN.(16M)
- 13.explain the Physical layer and services offered by IEEE 802.11(16m)

OR

- 14.a.what are the benefits of adhoc wireless networks.
b.explain the applications of adhoc wireless networks.
15. explain the table driven and on demand routing protocols.

OR

- 16 .a.write in detail about hybrid protocols.
b.write short notes on classification of routing protocol.
- 17.explain about sensor network architecture and design goals of MAC protocol.

OR

- 18.explain the physical and MAClayer details of MAN.
- 19.In what way wirelss PAN differs from wireless LAN?Write short notes on body LAN,mention few applications of PAN.(16M)

OR

- 20.Write short notes on i>IEEE 802.15 WPAN.ii>protocol stack of Bluetooth