SECTION – C

III. Answer **any three** questions. **Each** question carries **15** marks. (3×15=45)

21) Explain different switching in detail. 15

22) a) Explain CRC with example. 7
b) Explain TDM and WDM. 8

23) a) Explain with diagram twisted pair, coaxial cable and optical fibre. 10
b) Write a note on CSMA/CD. 5

24) a) Explain stop and wait ARQ with a neat diagram. 8
b) Explain ALOHA and Slotted ALOHA. 7

25) a) Explain in detail TDMA and CDMA. List the advantages and disadvantages of TDMA and CDMA. 10
b) Explain different types of bridges in computer network. 5

SECTION – D

IV. Answer **any one** question. (1×10=10)

26) Explain ISO-OSI reference model with a neat diagram.

27) Illustrate polar line encoding scheme.

_____