Q. P. Code: 09761

Total Marks: 80

(3 Hours)

Note:

1. Question No.1 is compulsory
2. Solve any THREE questions out of remaining FIVE questions.
3. Figure to the right indicate full marks.

1 Attempt following. (20)

   A. Explain hubs and routers .
   B. Compare RS 232 and RS 422
   C. Explain application layer of HART protocol.
   D. Compare H1 and H2 segment of foundation field bus.
   E. Mention the ISO-OSI layers along with their functions.

2. (a)Explain architecture of HART protocol in detail (10)

   (b)Write detail information about Modbus. (10)

3. (a)Explain Profibus-DP in detail. (10)

   (b)Explain CAN bus along with its application. (10)

4.(a) Compare WIFI,GPS and GPRS. (10)

   (b)Explain Data highway plus in detail (10)

5. (a)Explain foundation field bus along with its advantages and disadvantages. (10)

   (b)Explain different types of cable used in communication network along with its
   advantages and disadvantages (10)

6. Write a short note on: (20)

   1. WiFi
   2. GPIB
   3. TCP/IP

F97BF8CF494AE2E18F297DC342C90FBF