Class- 10   FM-50 PM-24

sub-Computer

1) Answer the following questions:[10*2 = 20]
   a) Differentiate between LAN and WAN.
   b) What is Network Topology?List the common topologies?
   c) What is search engine ? Write examples.
   d) Define social media with any four poplular examples.
   e) What is meant by IT and IT Policy?
   f) Define Information Security?
   g) Differentiate between encryption and decryption.
   h) Write any two merits and two demerits of e -commerce.
   i) Differentiate between e-governance and traditional government.
   j) Define ASCII.

2) Write the full forms of the following.[5*1 = 5]

a.AI   b.RAM   c.WIFI d.ISP e.G2B

3) Perform the following binary calculations.[3*1=3]
   a.(1101)2 +(111)2
   b.(1110)2 *(11)2
   c.(11110)2 – (1101)2

4) Perform as indicated : [2*2=4]
   a.(1101)2 = (?)16
   b.(276)8 = (?)2
   c.(AC3)16 = (?)8

 DBMS

   5)Answer the following questions.[5*2=10]
   a. Differentiate between Database and DBMS.
   b.Define sorting.
   c.Define query.Mention any two methods to create query.
   d.What is primary key? Why Primary key is used?
   e.Define field and record.

   Programming

6)WAP to input any string and check whether it is palindrome or not using SUB….. EnD Sub.[4]

7)WAP to input length and breadth of a rectangle and find its area using FUNCTION….END FUNCTION. [4]