MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Paper Code : BBA(HM)303   Health Information Systems

Time Allotted : 3 Hours   Full Marks :70

The Figures in the margin indicate full marks.
Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

1. Answer any ten of the following :   [1 x 10 = 10]

   (I)   Operational planning helps in _____.

   (II) How many digital form is/are present in Electronic Medical Record?

   (III) Telemedicine is the exchange of _____ information through an audio visual medium.

   (IV) The presence of both the parties for store-and-forward method is necessary. State True or False.

   (V)   _____ helps to see the actually function of the software and meet which might reduce upon the implementation of an EMR.

   (VI) Patients are the biggest resource for _____.

   (VII) Telemedicine is the exchange of medical information through the _____ medium.

   (VIII) The Consumer Health Informatics provides the patients their role as _____ of health, information with the tools, skills and support they require.

   (IX) Healthcare cannot meet its goal if they are sensitive to human rights. State True or False.

   (X)   SDLC stands for.

   (XI) _____ is a digital image management and storage system used in managing medical imaging.

   (XII) Many consider _____ as the solution to many healthcare issues.

Group-B (Short Answer Type Question)
Answer any three of the following   [5 x 3 = 15]

2. What are the sources of Health Information System?   [5]
3. What are the disadvantages of EMR? Why to Purchase an EMR?   [5]
4. What are the advantages of HIS?   [5]
5. What are the various functionalities of HMIS?   [5]
6. What are the Advantages of CRM?   [5]

Group-C (Long Answer Type Question)
Answer any three of the following   [15 x 3 = 45]

7. (a) Describe the development of an HIS.   [9]

   (b) What is the Role of OPD/Consultant Clinic/Polyclinic Module in HIS? [6]

8. Describe the specific E-Health activities in India.   [15]

9. (a) What is the meaning of Data and Database?   [4]

   (b) What is the deference between Manual Information System with Computerized Information System? [6]

   (c) Briefly describe the meaning of Geographic Information System.   [5]

10. What are the criteria that hospitals use as a starting point to do well? [15]

11. (a) What is the Roadblocks and challenges to HER?   [9]

    (b) What are the Advantages of EMR?   [6]

··· END OF PAPER ···