Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

SCHOOL OF INFORMATION SCIENCES (SOIS)
SECOND SEMESTER ME - (BIG DATA AND DATA ANALYTICS)
DEGREE EXAMINATION- APRIL/MAY 2018
Wednesday, April 25, 2018
Time : 10.00 am to 1.00 pm
Healthcare Informatics [BDA 608]

Marks: 100   **Duration: 180 mins.**

Answer all the questions.

1)	How EMR helps in policy making and Who are the policy makers?	(10)
2)	What is Evidence Based Practice? Discuss the implementation issues in Evidence Based Practice?	(10)
3)	What is the difference between Telemedicine and Telehealth? Explain Asynchronous telemedicine and Interactive telemedicine	(10)
4)	What is Cryptography? Explain Double Transposition Cryptography	(10)
5)	What is Authentication? Explain 2 factor Authentication	(10)
6)	Define a Clinical Decision Support System? Discuss Non-Knowledge based systems	(10)
7)	What is DICOM? What is the need for DICOM in healthcare?	(10)
8)	Discuss the DICOM Informational Model?	(10)
9)	What is HL7? What are the components of an HL7 Message?	(10)
10)	With example explain ADT and ORM message format	(10)

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