Question Paper

MANIPAL ACADEMY OF HIGHER EDUCATION

SCHOOL OF INFORMATION SCIENCES

SECOND SEMESTER MASTER OF ENGINEERING - ME (BIG DATA AND DATA ANALYTICS)

Healthcare Informatics [BDA 612]

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

END SEMESTER DEGREE EXAMINATION NOVEMBER 2018

Answer all the questions.

1)	Give the differences between EMR and EHR	(10)
2)	With a simple diagram explain RIS workflow	(10)
3)	How Patient Admission mechanism happens under patient care functionality in HIS	(10)
4)	Explain Archiving of Patient Information in Hospital Administration Functionality in HIS	(10)
5)	How little endian and big endian in DICOM's Value Representation	(10)
6)	What is SCP and SCU? Explain Association Establishment in DICOM with an example	(10)
7)	Which are the 4 key Ethical principles in Healthcare	(10)
8)	What is telemedicine? Give the history of Telemedicine	(10)
9)	With a scenario, explain how mobile health helps in independent living.	(10)
10)	What is health data encryption? Why would it be beneficial?	(10)

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