

# Question Paper



## MANIPAL UNIVERSITY

### SCHOOL OF INFORMATION SCIENCES SECOND SEMESTER MASTER OF ENGINEERING - ME (Big Data and Data Analytics)

**DEGREE EXAMINATION- NOVEMBER 2017**

**DATE : Tuesday, November 21, 2017**

**TIME : 10:00AM - 1:00PM**

**Healthcare Informatics [BDA 608]**

**Marks: 100**

**Duration: 180 mins.**

#### **Answer all the questions.**

- 1) Explain EHR, EMR and EPR (10)
- 2) What is the difference between Health Informatics and Medical Informatics (10)
- 3) Explain Patient care functionality in HIS (10)
- 4) How scheduling and resource allocation happens in HIS (10)
- 5) Describe anatomical planes and views (10)
- 6) Explain Value Representation in DICOM (10)
- 7) Why do we need to protect patient health information?  
Give a note on misuse of PHI (10)
- 8) How release of information is done for different personnel (10)
- 9) Explain the scenario illustrating scope and benefits of mobile health (10)
- 10) Explain key principles of ethics in healthcare (10)

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