

**M.H.A. SEM-IV (2012 COURSE) (CHOICE BASED CREDIT
SYSTEMS) : SUMMER - 2018**

SUBJECT: INFORMATION TECHNOLOGY FOR HOSPITAL MANAGEMENT

Day: **Monday**
Date: **23/04/2018**

Time: **02.00 PM TO 05.00 PM**
Max Marks: 60

S-2018-1156

N.B:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answer to both the sections should be written in **SEPARATE** answer Book.
 - 4) Draw neat diagrams **WHEREVER** necessary.
 - 5) HMIS stands for Hospital Management Information System
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SECTION-I

Q.1 Answer **ANY TWO** of the following: **(14)**

- a) Explain SDLC and activities performed in each phase of SDLC.
- b) State three basic Management activities and tasks performed at each level with reference to Hospital as an Organization.
- c) What is HL7 and exact use of HL7 from IT perspective in Hospitals or Clinics?

Q.2 Write short notes on **ANY FOUR** of the following: **(16)**

- a) Difference between EMR and PHR
- b) HCPCS
- c) Client Server Environment
- d) Difference between Public and Private cloud.
- e) CPT codes

SECTION-II

Q.3 Answer **ANY TWO** of the following: **(14)**

- a) State HMIS-IT from patient's perspective in a Hospital.
- b) Describe the challenges faced by hospital administration during HMIS implementation.
- c) Explain any two features of good Patient Management System and how these will be useful to Doctor and Clinic?

Q.4 Write Short notes **ANY FOUR** of the following: **(16)**

- a) Internet
- b) MIS
- c) Difference between Native and Hybrid App.
- d) Types of DBMS
- e) CPOE

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