

Roll No: -----



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2018

Program: B.Tech CSE HI

Subject (Course): Healthcare Delivery Models and Processes

Course Code : CSIB 294

No. of page/s: 1

Semester – IV

Max. Marks : 100

Duration: 3 Hrs

Section A (20 Marks)

(Attempt All 5 Questions in this Section. Each question carries 4 marks)

- Q.1) Across the WHO European Region, What are the main challenges facing public health in the twenty-first century?
- Q.2) Mention some of the initiative taken by government to overcome the Healthcare challenges in India.
- Q.3) Discuss WHO COUNTRY COOPERATION STRATEGIC AGENDA (2012–2017).
- Q.4) Describe in brief various types of Health care Delivery.
- Q.5) Give an overview of Health sector & health care system flows high level process overview

Section B (40 Marks)

(Attempt All 4 questions. Each question carries 10 marks)

- Q.6) Describe Care Process Management and also explain healthcare inefficiency and complexity.
- Q.7) Explain Six Sigma case study highlighting the various phases involved.
- Q.8) Mention the importance of open standards and explain how predictive analytics can play an important role in Healthcare Informatics.
- Q.9) What do you understand by EHR. How it is different from EMR. What are the steps that need to be followed for EHR software escape hatch?

Section C (40 Marks)

(Attempt all 2 questions each of 20 marks)

- Q.10) a) Define the Drug Development Process in detail. **(15 marks)**
b) What are the requirements of good manufacturing of drugs? **(5 marks)**
Or
b) What are the virtual care models for healthcare delivery? **(5 marks)**
- Q.11) What are the different technological advancement impacting healthcare models. Describe in detail. **(20 marks)**