

Reg. No. :

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Question Paper Code: 52393

M.E. DEGREE EXAMINATION, NOV 2016

Elective

Computer Science and Engineering

15PCS523 - INDUSTRIAL AND SYSTEMS ENGINEERING IN HEALTHCARE

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - B (5 x 20 = 100 Marks)

1. (a) Describe the integrated framework for operations management. (20)
Or
(b) Explain the hospital business operations. (20)
2. (a) Briefly explain the quality of care. (20)
Or
(b) How will you optimize the patient and process flows? (20)
3. (a) Explain the decision mapping framework. (20)
Or
(b) Explain the implementation of the balance score cards. (20)
4. (a) Apply supply chain management in healthcare. (20)
Or
(b) Explain healthcare logistics with example. (20)

5. (a) What are the impacts of enterprise resource planning system in health care? (20)

Or

(b) Analyze the human resource problems involved in health care systems. (20)
