

# ME5005

## (Entrepreneurship and Management Concepts)

1. (a) Explain system concepts?
  - (b) What is key component?
  - (c) Differentiate between boundary & interface complexity?
  - (d) Explain briefly feedback control?
  - (e) Explain system and its characteristics using a simplified model of a physical system?
  
2. (a) What are the different types of system concepts?
  - (b) Write the characteristic of system concepts?
  - (c) Write the law of law of requisite variety?
  - (d) Differentiate between functional & cross functional system?
  - (e) Explain Steven Alter's nine element work system model?
  
3. (a) What is feedback (pull) controls?
  - (b) What are the functions of management?
  - (c) Explain open flexible-adaptive system?
  - (d) What are the various ways to think about the engineering design process?  
Explain one of them.
  - (e) What are different schools of management thought?
  
4. (a) What is management ?
  - (b) What is feed forward (push) controls?
  - (c) What is e- Business?
  - (d) Explain the functions of management?
  - (e) Differentiate between the following
    - (i) Open and closed system
    - (ii) Subsystem