

**M. A. Examination, 2018**  
**Rural Management**  
**Semester-III**  
**Paper – II (Group – A)**  
**Subject: Production and Operation Management**

**Time: 2 Hours**

**Full Marks: 40**

*Answer Question number 6 and any Three from the rest*

1. (a) What do you mean by production?  
(b) Why it is important to study Production and Operation management?  
(c) Distinguish between Goods and Services. 2+4+4
  
  2. (a) What do you mean by Factory system ?  
(b) Who are Entrepreneurs?  
(c) How Manufacturing is done? 2+2+6
  
  3. (a) What is Product layout? How it differs from the Process layout?  
(b) Discuss the Product Life Cycle. (3+3)+4
  
  4. (a) Discuss the types of Decisions taken up in an operational system with suitable examples.  
(b) “You cannot be a safe worker if you are not a healthy worker” – Justify. 5+5
  
  5. (a) Differentiate between Traditional Quality Management and Total Quality Management.  
(b) Why quality control in production management is essential?  
(c) What is quality assurance? 3+4+3
  
  6. **Write short notes on the following (any four)** 2.5x4
    - (a) Productivity analysis
    - (b) How to improve responsiveness to the customers?
    - (c) ISO Standards
    - (d) Group Position Layout
    - (e) Value added process
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**M. A. Examination, 2018**  
**Rural Management**  
**Semester-III**  
**Paper – II (Group – B)**  
**Subject: Forestry, Natural Resource and Watershed Management**

**Time: 2 Hours**

**Full Marks: 40**

Answer Question No. 6 and any *three* from the rest

1. What do you mean by Water Resources Management? What are the initiatives taken by the Government of India for management of Water Resources? Explain the situation of West Bengal in term of water pollution. 3+3+4=10
  2. What are the Importance of Forest Conservation? Explain different steps to be taken for Conservation of Forest. What do you mean by Tropical forest and Alpine forest – explain in your own words. 2+4+4=10
  3. Explain Land use pattern of our country. What are the main causes and effects of Land Degradation? What are the strategies adopted by our government for Land Development? 2+4+4=10
  4. Discuss various types of Energy Resources? Explain the state of use of non-conventional energy in our country. What are the key problems of the energy sector in India? 4+4+2=10
  5. What is a wind turbine and how does it work? What are the environmental benefits of wind power? Give a status of wind energy production and consumption in India. 2+8=10
  6. Write short note on *any two* of the following: 2X5=10
    - (a) Wildlife Conservation
    - (b) Soil erosion
    - (c) Wealth and Resource
    - (d) Conventional Energy
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