

Roll No

AU/IP/TEM/PR/ME/TX-601 (GS)**B.E. VI Semester**

Examination, May 2018

Grading System (GS)**Operation Management***Time : Three Hours**Maximum Marks : 70*

- Note:* i) Attempt any five questions.
ii) All questions carry equal marks.

1. Explain functions and scope of operations management. 14
2. What do you understand by Product Life Cycle (PLC)? Briefly discuss PLC management. 14
3. Discuss the various steps of product design. How service design differs from product design? Explain. 14
4. Explain different types of facility layouts with their advantages and disadvantages. 14
5. What factors are considered for location of plant facilities? Discuss. 14

6. What do you mean by Preventive Maintenance? Briefly discuss TPM. 14
7. What do you mean by Aggregate plan? Discuss. 14
8. Write short notes on any two of the followings: 14
 - a) TQM
 - b) Six sigma
 - c) ERP
 - d) Johnson sequencing rule
