

Government College of Engineering, Aurangabad

(An autonomous Institute of Government of Maharashtra)

M.E (Production), PT, (REV) Examination

ME588: PRODUCTION MANAGEMENT

End Semester Examination Nov/Dec 2016

Time : Three Hours

22 NOV 2016

Max.Marks:60

“Verify the course Code and check whether you have got the correct question paper”

N.B.

- 1.All questions are compulsory.
- 2.Figures to the right indicate full marks.
- 3.Assume suitable data if necessary and state it clearly.
- 4.Use of non-programmable calculators is allowed.

Q.1. Attempt any two. (12)

- (1) Explain manufacturing strategy and competitiveness.
- (2) What do you mean by operations effectiveness.
- (3) Explain material and labour productivity.

Q.2. Attempt any two. (12)

- (1) Explain the concept of Break even analysis.
- (2) What is product mix decision?
- (3) Explain the use of linear programming technique.

Q.3. Attempt any two. (12)

- (1) Explain giving examples long-range and short-range capacity strategies.
- (2) What is capacity focus and flexibility
- (3) What do you by mean by “adding capacity to a multi-site service growth”.

Q.4. Attempt any two. (12)

- (1) Explain process flow structures with valid examples
- (2) Write short notes on (1) process analysis, (2) process flow design.
- (3) Explain assembly line balancing, and various balancing methods.

Q.5. Attempt any two. (12)

- (1) What is outsourcing, Give valid examples.
- (2) Explain with examples exponential smoothing.
- (3) Explain JIT purchasing, give examples.