

Total No. of Printed Pages:02

SUBJECT CODE NO: H-1858
FACULTY OF SCIENCE AND TECHNOLOGY
M.E. (Mechanical)
EI-2 Productivity Management
(REVISED)

[Time: Three Hours]

[Max.Marks:80]

Please check whether you have got the right question paper.

N.B

- 1) Solve any three questions from each section.
- 2) Figures to the right indicate full marks.
- 3) Assume suitable data wherever necessary and state it correctly.

SECTION – A

- | | | |
|-----|---|----|
| Q.1 | a) Explain the concept of productivity in details. | 07 |
| | b) What is productivity Cycle? | 06 |
| Q.2 | a) What are the macro and micro factors of productivity? | 07 |
| | b) What are the external factors affecting productivity of an enterprise? | 06 |
| Q.3 | a) How the productivity is measured at International Level? | 07 |
| | b) What are the productivity evaluation models? | 06 |
| Q.4 | a) Explain the Kurosawa structural approach, in details. | 07 |
| | b) What is Quick Productivity Appraisal (QPA) approach? | 06 |
| Q.5 | Write short notes on (<u>any two</u>) | 14 |
| | a) Inter firm Comparison (IFC) | |
| | b) Productivity Improvement Programs (PIP) | |
| | c) Work simplification. | |

SECTION – B

- | | | |
|-----|---|----|
| Q.6 | a) Explain the concept of Brainstorming. | 07 |
| | b) What is the procedure of method study? | 06 |

- Q.7 a) What are the prerequisites for effective BPR implementation? 07
- b) What is standard time? How it is calculated? 06

- Q.8 a) What is performance Rating? 07
- b) Why there is a need for manpower motivation? 06

- Q.9 a) How TPM is implemented in an enterprise / organization. 07
- b) What is Activity Sampling? 06

- Q.10 Write short notes on: (any two) 14
 - i) MOST
 - ii) Types of allowances
 - iii) Gains of TPM