

Roll No. ....  
1100 -/6/30/20

S-641

**January 2018**

**Master of Business Administration (MBA) Examination**

**(Full Time) (New) Third Semester**

**FT 305P : WORK STUDY AND PRODUCTIVITY**

**Time 3 Hours]**

**[Max. Marks 80**

**Note : Question paper consist of two Section A and B. Attempt any four questions from Section A. Section B is compulsory.**

**Section A**

1. A good work study should be followed by good supervision, for getting good results. Explain and elaborate the given statement.
2. Mention two work situations, where in one, a stop watch time study and in another, PMTS is useful. Can stopwatch time study be useful in the service industry ? Discuss.
3. Method study is mostly, commonsense applied systematically. What are these 'systematic' elements?
4. What is Work Sampling ? How is it different from stop watch time study ?
5. Define Productivity. How can it be measured ? How can the productivity of an organisation be increased ?
6. What are the principles of motion economy ? Why are these required ?

**Section B**

7. (a) Aqua Plastic manufactured 200,000 units of thermos flasks in the last financial year. It utilized 10 workers and 5 machines working for 8 hours a day during 20 working days of the year in the production of these flasks. What is the productivity of the company with respect to labour and machine inputs taken together ?
- (b) A managing director of a PSU was delivering a speech to the young officers about improving industrial productivity. All these techniques such as method study, time study, etc. are for fine tuning. What might be the coarser tuning required first, that the managing director is referring to ?