

**GUJARAT UNIVERSITY**  
**QUESTIONS BANK**  
**SEMESTER VII (MECHANICAL)**  
**WORK STUDY**

1	What is productivity? How will you improve the productivity of an organization?
2	What is Operation Process Chart? Explain with suitable example.
3	Define work study. What is relationship between work study and productivity?
4	Write short notes on Therblings
5	Describe with suitable example the string diagram.
6	Explain with suitable example how left hand and right hand chart is prepared.
7	Discuss the scope and objective of the work study.
8	Define the method study. Give step by step procedure to carry out the method study.
9	Write short notes on Cycle graph and Cronocycle graph
10	Write short notes on Principle of motion economy
11	What is work measurement? State its purpose and applications
12	Write short notes on Qualified Worker
13	Write short notes on Ergonomics.
14	What is Flow process chart? Explain it with suitable example.
15	What are allowances in work measurement? Discuss the various allowances used in it.
16	Write short notes on Advantages of incentive scheme.
17	Write short notes on Multiple activity chart
18	What is Standard Time? Explain how the standard time of any process is calculated?
19	Write short notes on Man and machine chart.
20	What is performance rating? Show its usefulness in industry?
21	Briefly discuss about the selection of work study personnel
22	Describe its SIMO chart and state its application.
23	Write short notes on Time study equipments.
24	Describe MTM procedure and discuss its importance.
25	What are the factors responsible for low productivity in Indian industries? Suggest feasible remedial steps.
26	What is Time study? Discuss about different watches and its application
27	Write short notes on Prerequisite of method study
28	Explain following in connection to time study. (i) Breaking the job into elements (ii) selection of the worker.
29	Write short notes on PMTS.
30	Explain with suitable example Flow diagram.
31	Write short notes on Ergonomics
32	Enlist different 'Wage Incentive Plans' and explain any two in detail.Explain

	Synthetic rating system in detail.
<b>33</b>	Discuss the use of method study in medium scale industries.
<b>34</b>	Define average worker. How Average worker is different from Qualified worker?
<b>35</b>	Write short notes on Work Sampling
<b>36</b>	Define and discuss: (i) Selected time (ii) Normal Time (iii) Standard Time.
<b>37</b>	Define and discuss: (i) Operation (ii) Inspection (iii) Transportation
<b>38</b>	Write short notes on Micro motion study and Memo Motion study.
<b>39</b>	Write short notes on Westing House system of rating.
<b>40</b>	Why training is necessary for worker? Explain any two methods of training.