

These are sample MCQs to indicate pattern, may or may not appear in examination

## University of Mumbai

### Online Examination 2020

Program: BE Mechanical Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VIII

Course Code: MEC802 and Course Name: Industrial Engineering and Management

Time: 1hour

Max. Marks: 50

**Note to the students:-** All the Questions are compulsory and carry equal marks .

- Q \_\_\_\_\_ is not factor influencing to energy consumption.
- A proper maintenance of energy system
- B energy awareness
- C environment
- D energy audits
- Q \_\_\_\_\_ is not the purpose and benefits of productivity improvement for labour
- A Higher wages.
- B Better working conditions, improved morale
- C Job security and satisfaction
- D minimum wages
- Productivity index is used to compare the productivity during the \_\_\_\_\_ year with the productivity during the base
- Q year.
- A back 2 years
- B back 3 years
- C back 5 years
- D current
- Q In FAST diagram, WHY type of questions are asked from;
- A Bottom to top
- B Top to bottom
- C Left to right
- D Right to left
- Q FAST stand for;

A	Function Analysis Systematic Technique	
B	Function Analysis System Technology	
C	Function Analysis System Technique	
D	Function Analysis Synthetic Technology	
Q	'Value' for value engineering and analysis purposes is defined as	
A	Purchase value	
B	Function/cost.	
C	Depreciated value	
D	Present worth	
Q	In the Two handed process charts, Which of the following symbol is not used?	
A	Circle	
B	Square	
C	Arrow	
D	Triangle	
Q	Multiple activity chart is also called as	
A	Man-machine Chart	
B	Two handed Process Chart	
C	Right Hand-Left hand Chart	
D	Flow Process Chart	
Q	How many THERBLIG are commonly used in the field of time and motion studies?	
A		30
B		37
C		25
D		17
Q	Which of the following colour code is used for the THERBLIG- "REST for overcoming fatigue"?	
A	Black	
B	Green	
C	Blue	
D	Orange	
Q	The simo chart is the micromotion form of the _____	
A	Man type flow process chart	
B	Material type flow process chart	
C	Equipment type flow process chart	

D Machine type flow process chart

Q The abbreviation "MOST" used in Industrial Engineering indicates:

A Maynard Operation Sequence Technique

B Maynard Optimized Sequence Technique

C Maynard Optimized Scheduling Technique

D Maynard Operation Sequence Technology

Q The following is not a job evaluation method

A Factor Comparison Method

B Point Method

C Ranking Method

D Assessment Method

Q A quantitative technique in job evaluation process is

A Job classification

B alternative ranking method

C aligned reward strategy

D point method

Q The job evaluation process, in which the raters categorize jobs into groups is called

A point method

B job classification

C job grading

D aligned reward strategy

Q In the job designing concept BPR stands for

A Business Process Resourcing

B Business Process Reengineering

C Business Process Reporting

D Business Process Remodelling

Q Special purpose material handling equipments are used in

A Line layout

B Product layout

C Plant layout

D Process layout

Q Which of the following is used for material handling?

A CNC machine

- B Bending machine
- C Belt conveyor
- D Universal testing machine
- Q Cellular manufacturing is an approach whereby production can be done in
- A Small batches
- B Medium batches
- C Large batches
- D Uniform batches
- \_\_\_\_\_ is a manufacturing philosophy in which different parts are manufactured in a small batch or group based on similarities.
- Q
- A Production technology
- B Group technology
- C Flexible manufacturing system
- D Assignment
- Q which of the following is the objective of cellular manufacturing?
- A Increasing the lead time
- B Decrease quality
- C Reducing the lead time
- D Increasing inventory
- Q The unit cost in case of batch production is \_\_\_\_\_ as compared to job production
- A same
- B low
- C high
- D average
- Q Selling price is always \_\_\_\_\_
- A less than production cost
- B more than production cost
- C equal to production cost
- D equal to raw material cost
- Q Cost sheet is used in \_\_\_\_\_
- A Process planning
- B Scheduling
- C Sequencing

- D Cost accounting
- Q Depreciation is \_\_\_\_\_
- A Increase in value of the product with respect to time
- B Decrease in value of the product with respect to time
- C Assignment technique
- D Forecasting method

