

# C.U.SHAH UNIVERSITY

## Winter Examination-2015

**Subject Name: Production & Operation Management**

**Subject Code: 4MS04POM1**

**Semester: IV**

**Time: 02.30 to 05.30**

**Branch: MAM**

**Date: 18/11/2015**

**Marks: 70**

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

- Q-1 Attempt the following questions: (14)**  
(MCQ/Short Type of Questions=1 mark\*14=14 marks)
- a) Which of the following are the objectives of production management? 1  
(A) Manufacturing cost (B) Manpower  
(C) Product Quality (D) All of the above
  - b) What can be defines as a process of changing inputs into Outputs by adding value to an entity? 1  
(A) Services (B) Planning  
(C) Financ (D) Operations
  - c) Process selection and planning is \_\_\_\_\_ 1  
(A) Long term (B) Short term  
(C) Operational decision (D) None of above
  - d) An assembly line is an example of \_\_\_\_\_ 1  
(A) Repititive process (B) Specialised process  
(C) Product focused process (D) Customized process
  - e) Dam construction is an example of \_\_\_\_\_ 1  
(A) Job shop process (B) Batch process  
(C) Continuous process (D) Project process
  - f) CPM stands for \_\_\_\_\_ 1  
(A) Circular programme machine (B) Critical path method  
(C) Critical programme machine (D) Circular path method
  - g) Who has given the theory of Plant location? 1  
(A) Elton mayo (B) Alferd weber  
(C) A.Masl (D) Peter drucker
  - h) The first step in plant location is \_\_\_\_\_ 1  
(A) To select locality (B) To select region  
(C) To decide international location (D) To select exact site
  - i) Low labour cost is an advantage of \_\_\_\_\_ 1  
(A) Rural area (B) Urban Area  
(C) City area (D) All above
  - j) The area located on the outskirts of city area is called 1



- (A) Rural (B) Urban  
(C) Suburban (D) Separate
- k) Fixed position layout is known as \_\_\_\_\_ 1  
(A) Process layout (B) Product layout  
(C) Circular Layout (D) Static Layout
- l) Strong trade union movement is disadvantage of \_\_\_\_\_ 1  
(A) Rural area (B) Urban Area  
(C) Both (D) Neither
- m) An ideal layout decrease \_\_\_\_\_ 1  
(A) Production cost (B) Equipment  
(C) Profit (D) Sales
- n) Similar machines are located in \_\_\_\_\_ 1  
(A) Process layout (B) Product layout  
(C) Fixed layout (D) all above

**Attempt any four questions from Q-2 to Q-8**

<b>Q-2</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Discuss the scope of production management	7
2	What do you mean by inventory? Discuss various types of inventory.	7
<b>Q-3</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	What do you mean by Plant location? Discuss various factors affecting to plant location.	7
2	Write notes on Economic order quantity	7
<b>Q-4</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Discuss the objectives of good layout	7
2	What is Project networking? Explain the concept of PERT & CPM.	7
<b>Q-5</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Describe the various types of layout	7
2	write note on Just in time system	7
<b>Q-6</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Write note on Material handling equipment	7
2	Discuss the various concept of TQM	7
<b>Q-7</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	Explain the concept of Time study and Motion study	7
2	Discuss the various factor which determine production planning process	7
<b>Q-8</b>	<b>Attempt all questions</b>	<b>(14)</b>
1	What is difference between ISO 9000,14000 & 18000?	7
2	Discuss the six sigma concept. Write the importance of quality control.	7

