

PGCIPWS- 2022

ASSIGNMENT BOOKLET

**POST GRADUATE CERTIFICATE IN INVENTORY PLANNING
(PGCIPWS)**

Last date for submission:

31st October for July 2022 Session

**School of Engineering and Technology
Indira Gandhi National Open University
Maidan Garhi, New Delhi-110068**

Dear Student,

We advise you to go through your course material carefully and read all the section pertaining to assignments. A weightage of 30 per cent, as you are aware, has been earmarked for continuous evaluation which would consist of **one tutor-marked assignment** for each of MWR-01, MWR-02, MWR-03 and MIS-024 of this course. You have to score a minimum of 40 marks out of 100 marks in each of the assignments. **Submit your assignment response at Programme Coordinator (PGCIPWS), Block-C, School of Engineering & Technology, Indira Gandhi National Open University, Maidan Garhi, New Delhi - 110068**

A feedback form is enclosed with this assignment. Please complete it after solving this assignment and send it to the Course Coordinator (PGCIPWS) on the address specified on the feedback form.

Instructions for Formatting Your Assignments

Before attempting the assignment please read the following instructions carefully.

- 1) On top of the first page of your TMA answer sheet, please write the details exactly in the following format:

ENROLMENT NO:

NAME:

ADDRESS:

.....

.....

COURSECODE:

COURSE TITLE:

ASSIGNMENT NO.:

STUDYCENTRE: **DATE:**.....

PLEASE FOLLOW THE ABOVE FORMAT STRICTLY TO FACILITATE EVALUATION AND TO AVOID DELAY.

- 2) Use only full size writing paper (but not of very thin variety) for writing your answers.
- 3) Leave 4 cm margin on the left, top and bottom of your answer sheet.
- 4) Your answers should be precise.
- 5) While solving problems, clearly indicate the question number along with the part being solved. Be precise. Recheck your work before submitting it.

Answer sheets received after the due date shall not be accepted.

We strongly feel that you should retain a copy of your assignment response to avoid any unforeseen situation and append, if possible, a photocopy of this booklet with your response.

We wish you good luck.

Assignment -1

(To be done **after** studying the course material)

Course Code: MWR-02

Course Title: Advance Inventory Planning

Assignment Code: MWR-02/TMA/2022

Maximum Marks: 100

Last Date of Submission: 31st October, 2022

Note:

1. For any question worth 5 marks the word limit is 200 words, for a 10 mark question it is 350 words.
 2. All questions are compulsory. All questions carry equal marks.
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|-----|----|---|---|
| Q.1 | a) | Why do managers conduct customer value analysis frequently? What are the steps they follow? | 5 |
| | b) | When a company introduces a new product, on which factors does it focus? Explain. | 5 |
| Q.2 | a) | Define the terms Value, Value Chain and Value Chain Analysis? Explain them. Explain different phases of VA/VE? | 5 |
| | b) | Describe Procedure of Value Analysis and Value Engineering. | 5 |
| Q.3 | a) | What is Function Analysis System Technique (FAST)? List out the steps involved in the Functional analysis and explain them. | 5 |
| | b) | What is MUDA? Briefly explain the concept of MUDA. What are the advantages of MUDA? | 5 |
| Q.4 | a) | Distinguish between over-processing and under-processing with examples. Are both considered as wastes? Why? | 5 |
| | b) | Why is waste management important? How the waste management is one of the major challenges of materials management? | 5 |
| Q.5 | a) | Explain Total Employee Involvement (TEI) in Kaizen. Compare Deming's P-D-C-A and Kaizen P-D-C-A. | 5 |
| | b) | What are the ideal conditions necessary for the Implementation of Kanban? | 5 |
| Q.6 | a) | What type of care should be taken while Implementing Kanban Inventory System? | 5 |
| | b) | What is CONWIP System? How does IT enabled Kanban System? | 5 |
| Q.7 | a) | Define supply chain management. Illustrate a simple supply chain model with a sketch. | 5 |
| | b) | What are the steps in outbound logistics? Briefly explain them. What do you understand by packing, staging and loading in outbound logistics? | 5 |
| Q.8 | a) | Why Last-mile Delivery is important in outbound logistic? How outbound logistics reduces the cost of operations? | 5 |
| | b) | Define vendor management? Brief out the reasons for the requirement of vendor management. | 5 |

- Q.9 a) What are the desirable characteristics of good vendor management? What are the stages of vendor management? Explain 5
- b) Define vendor rating and vendor evaluation. Explain the need for vendor rating and evaluation. 5
- Q.10 a) What are the key performance indicators in vendor performance measurement? Discuss the importance of Vendor Assessment and Ranking. 5
- b) What is ERP? Why it is important in present world? Write any three reasons for moving to ERP cloud? What are the features of any ERP software? 5