

2101282

DIPLOMA OF VOCATION
Mechanical-Manufacturing
Subject: Fundamental of Industrial Management
Subject Code: IMS-301
Semester: First
January 2021
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number									

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x1=10 Marks)

- A. State the benefits of ISO
- B. Define Poke-Yoke.
- C. What is the relevance of TPM?
- D. Mention key application areas of KAIZEN
- E. Throw light on typology of problems
- F. Figure out the historical evolution of concept of Quality
- G. Why quality assurance management is necessary in modern day industrial organisations?
- H. State briefly the guidelines for effective implementation of 5s in floor spaces.
- I. Define Pareto principle.
- J. Elaborate SQC and its utility

SECTION -B (ESSAY TYPE QUESTIONS)
(5x5=25 Marks)

1. Discuss the significance of Integrated Management System. Elaborate the functioning as well as utilities of such a system by taking an example from industry.
2. Explain the key elements as well as principles of effective Total Quality Management.
3. Define Kaizen. Discuss its basic philosophy and major principles. Why this concept holds a great significance in TQM.
4. Examine the major problem-solving tools and their suitability in solving various problems of Industry
5. What is Quality Assurance? Mention the applications of this concept in effective functioning of industrial aspects.
6. Explain the process as well as procedure of ISO 9001. Also throw light on its potential benefits.
7. Define Quality Planning. How quality planning is related with quality control and quality improvement. Discuss its significance in industrial domains.
8. Why the concept of Quality has grown important in the contemporary times and Why?

===END OF PAPER===