TED (15) –	6021
(Revision –	2015)

A23 - 03531

Reg.No	
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DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/ COMMERCIAL PRACTICE, APRIL – 2023

ADVANCED PRODUCTION PROCESSES

(Maximum Marks : 100) (Time : 3 hours)

PART - A

(Maximum Marks: 10)

Marks

- I. Answer all questions in one or two sentences. Each question carries 2 marks.
 - 1. Define automation.
 - 2. Define piercing operation.
 - 3. Name any two artificial abrassives.
 - 4. Define Robotics.
 - 5. List the Non Conventional method Machining.

(5x2=10)

PART – B

(Maximum Marks : 30)

- II. Answer any five of the following questions. Each question carries 6 marks.
 - 1. Explain with neat sketch, Indexing mechanism of turret lathe.
 - 2. List tool holding devices of capstan and turret lathe and explain multiple cutter holder with neat sketch.
 - 3. Illustrate Broaching tool details.
 - 4. Explain principle of gear hobbing with sketch.
 - 5. Explain cylindrical grinding with line sketch.
 - 6. List different surface finishing operation and explain electroplating with sketch.
 - 7. List application of CADD and CAM.

(5x6=30)

PART – C

(Maximum Marks : 60)
(Answer **one full** question from each unit. Each full question carries 15 marks)

UNIT – I

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