

1032**Code : 15MC41T***Register
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IV Semester Diploma Examination, Nov./Dec.-2018**MANUFACTURING SCIENCE****Time : 3 Hours]****[Max. Marks : 100****Note :** Answer any **six** questions from Part – A and **seven** full questions from Part – B.**Published By:****PART – A**Answer any **six** questions.

1. With sketch, explain solid piece pattern.

5

2. With sketch, explain sweep pattern.

5

3. With sketch, explain hot rolling.

5

4. Sketch and explain TIG welding.

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5. Explain any two engine lathe operations.

5

6. Explain with sketch counter boring and counter sinking.

5

7. Explain up milling and down milling.

5

8. Sketch and explain ultrasonic machining process.

5

9. Explain sintering in powder metallurgy.

5