

Roll No.

24484

**B. Tech. 7th Semester (ME) (Common
With Special Chance)
Examination – December, 2019
COMPUTER INTEGRATED MANUFACTURING**

Paper : ME-425-F

Time : Three Hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Section. Question No. 1 is *compulsory*.

- 1. (a) What is NC Coordinate System ? Explain in detail. 5
- (b) What is post processor statement ? 5
- (c) What is FMS work station ? 5
- (d) What is Q. C. ? 5

24484- 1,800-(P-3)(Q-9)(19)

P. T. O.

SECTION – A

- 2. (a) What is automation ? What are different types of automation ? 10
- (b) What are various components of DNC ? 10
- 3. (a) What are various basic components of NC System ? 10
- (b) What are different types of Memory, Input/Output devices ? 10

SECTION – B

- 4. (a) What is computer assisted part programming ? 10
- (b) Explain the geometry in APT language. 10
- 5. Explain the following : 20
- (a) Motion Statement
- (b) Tope coding and format

SECTION – C

- 6. (a) What are different types of material handling equipment ? 10
- (b) What is the role of sensor in robotics ? 10

24484- 1,800-(P-3)(Q-9)(19) (2)

7. (a) What is FMS workstation ? 10
(b) What are different types of Conveyors ? 10

SECTION – D

8. (a) What is Computer aided testing ? 10
(b) What is Function of Computer in CIMS ? 10
9. Explain the following : 20
(a) Content inspection methods.
(b) Optical inspection methods.

<https://www.mdustudy.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से