



Enrolment No. _____

HASMUKH GOSWAMI COLLEGE OF ENGINEERING, VAHELAL

MID SEMESTER EXAMINATION, SEPTEMBER-2016

Subject Code:2171903

Date:24/09/2016

Subject Name:Computer Aided Manufacturing Sem: 7TH

Time: 10:00 TO 10:50

Total Marks: 20

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

QUE.1 (A) What do you mean by CIM? What are the benefits of CIM? 3

(B) Define FMS. Which are the components of FMS 3

QUE.2 (A) Explain part family. 3

(B) What is CAPP? Differentiate variant and generative CAPP. 4

OR

(B) Explain SCARA robot. 4

QUE.3 (A) Explain robot programming. 3

(B) Draw CIM wheel. 4

OR

(A) Explain ASRS. 3

(B) What are the input parameters in MRP-I? 4

*****ALL THE BEST*****