



Enrolment No. _____

HASMUKH GOSWAMI COLLEGE OF ENGINEERING, VAHELAL

RE MID SEMESTER EXAMINATION, OCTOBER-2016

Subject Code: 2131903

Date: 19/10/2016

Subject Name: Manufacturing processes – I

Sem: 3RD ME/AUTO

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) (1) List the types of cutting tool. 3
(2) List the different operations performed on lathe.
(3) List the main parts of milling machine.

(B) Write short note on different type of chucks used in a lathe. 3

QUE.2 (A) Explain single point cutting tool geometry. 3

(B) List the methods of taper turning on lathe machine. Describe any two method of taper turning. 4

OR

(B) Explain difference between capstan & turret lathe. 4

QUE.3 (A) Comparison between up milling and down milling. 3

(B) Sketch column and knee type milling machine and explain any three parts of it. 4

OR

(A) Classify milling machine. Explain the universal milling machine. 3

(B) List the different types of the indexing methods and explain any two. 4

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