

Reg. No. :

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**Question Paper Code: 54076**

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2017

Fourth Semester

Mechanical Engineering

15UME406 – MACHINE DRAWING

(Regulation 2014)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (2 x 20 = 40 Marks)

1. (a) Discuss in detail with suitable examples the situations where the revolved section and broken section is carried out. (20)

Or

- (b) List and discuss different types of geometric tolerances with neat sketch. (20)

2. (a) Draw at least four types of thread profiles taking pitch as 20 mm. (20)

Or

- (b) How the keys are classified? Demonstrate the different types of key. (20)

PART - B (1 x 60 = 60 Marks)

3. (a) Part details of the knuckle joint is shown in Figure 1. Sketch the assembly with front view in section and top view. (60)





