

- Preparing minimum three forged models involving upsetting, drawing and bending operations.
- Out of these three models, at least one model is to be prepared by using Power Hammer.

**Scheme of Examination:**

One question is to be set from Part-A: 10 marks

One question is to be set from either

Part-B or Part-C: 30 marks

Calculation part in case of forging is made compulsory

Calculation (Forging)	+ Foundry Model	= 05 + 25 = 30 Marks
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Calculation (Forging)	+ Forging Model	= 05 + 25 = 30 Marks
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Viva-Voce : 10 marks.

Total : 50 Marks.

**MACHINE SHOP**

Sub Code	: 10MEL 38A / 48A	IA Marks	: 25
Hrs/week	: 03	Exam Hours	: 03
Total Lecture Hrs	: 48	Exam Marks	: 50

**PART – A**

Preparation of three models on lathe involving Plain turning, Taper turning, Step turning, Thread cutting, Facing, Knurling, Drilling, Boring, Internal Thread cutting and Eccentric turning.

**PART – B**

Cutting of V Groove/ dovetail / Rectangular groove using a shaper.  
Cutting of Gear Teeth using Milling Machine.

**Scheme of Examination:**

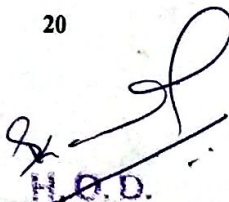
ONE question from part -A: 30 Marks

ONE question from part -B: 10 Marks

Viva -Voice: 10 Marks

**Total : 50 Marks**

20

  
H.O.D.

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