

WORKSHOP PRACTICE-II

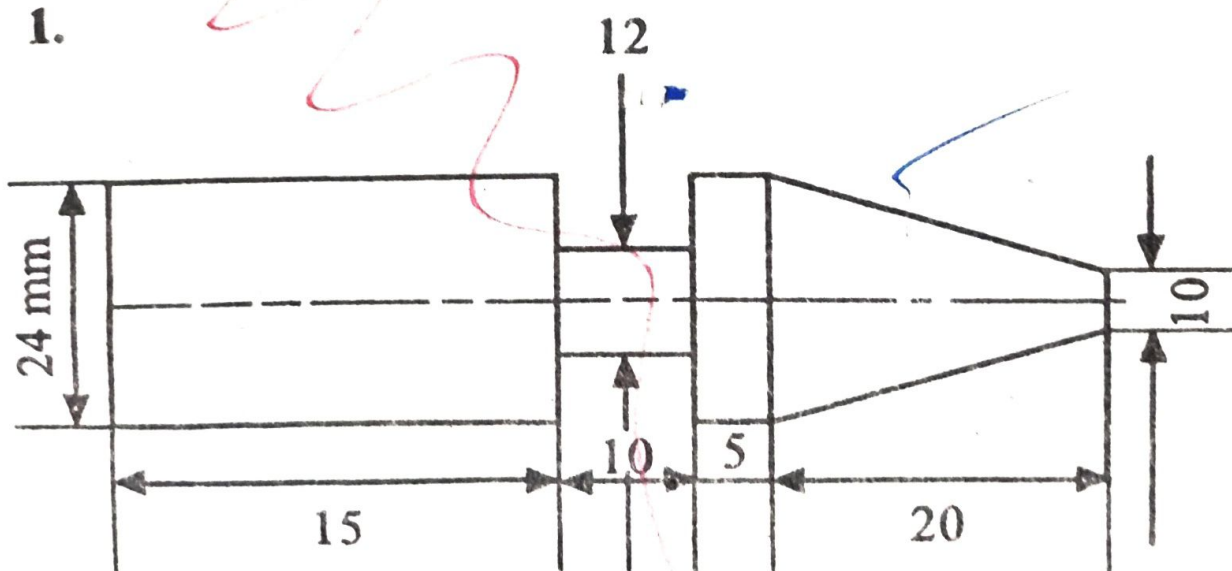
(Code : MEP-303)

(Practical)

Full Marks : 75

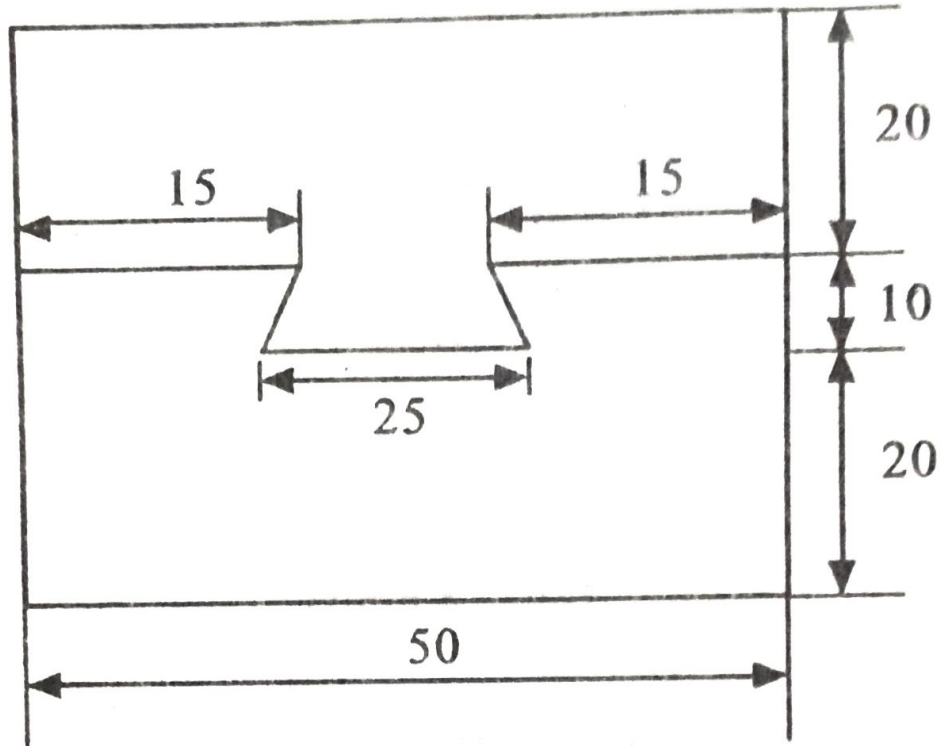
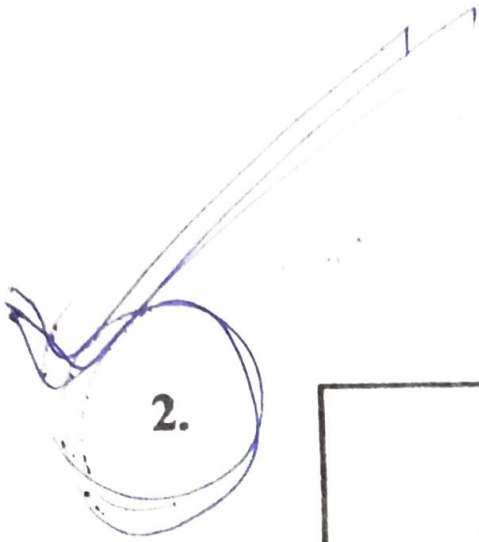
Time : 4 hours

Answer any one job



(Turn Over)

(2)



All dimensions are mm.

WORKSHOP PRACTICE-II

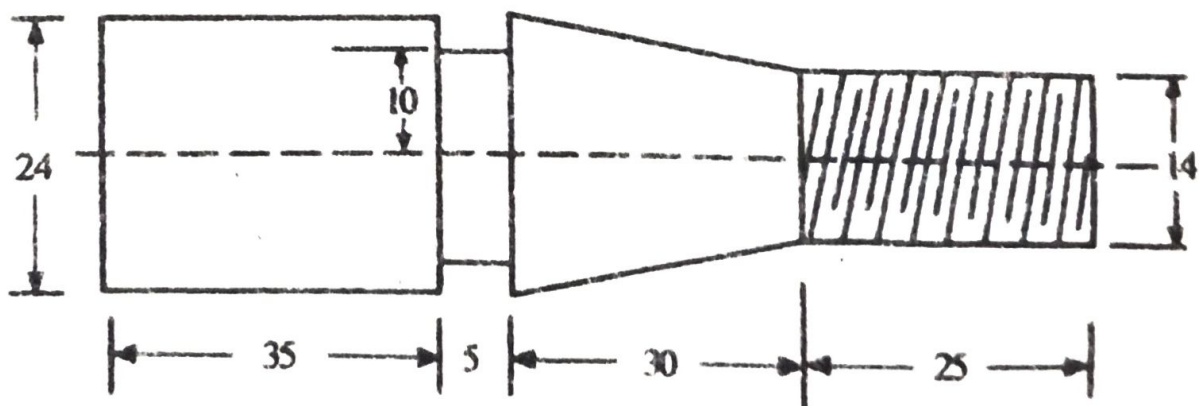
(Code : MEP-303)

Full Marks : 100

Time : 4 hours

Attempt any **one** question

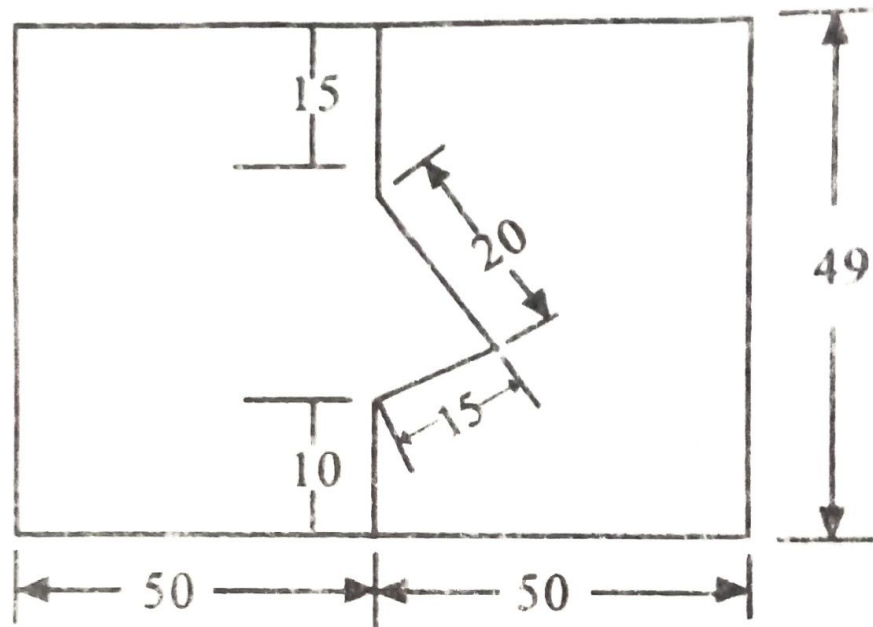
1. Prepare a Dovetail Lap joint from the supplied timber pieces with depth of lap as half of the width of the timber (T-shaped). Final job dimension = $(120 \times 120 \times 49)$.
2. Prepare a job as mentioned below from a M.S. Rod of 25 mm. diameter (M16 thread).



(Turn Over)

(2)

3. Prepare a fitting job as per the sketch given below and mention what minimum length of male part will be taken for final job.



BILL OF MATERIALS

1. Soft timber – $(50 \times 50 \times 130)$ – 2 Pcs.
2. M. S. Rod – $(100 \times 25 \phi)$ – 1 Pc.
3. M. S. Flat – $(50 \times 50 \times 5)$ – 1 Pc.
 $(70 \times 50 \times 5)$ – 1 Pc.

T

W) (F)

III/SEM/MECH/2018 (W) New

WORKSHOP PRACTICE-II

(MEP - 303)

Full Marks : 100

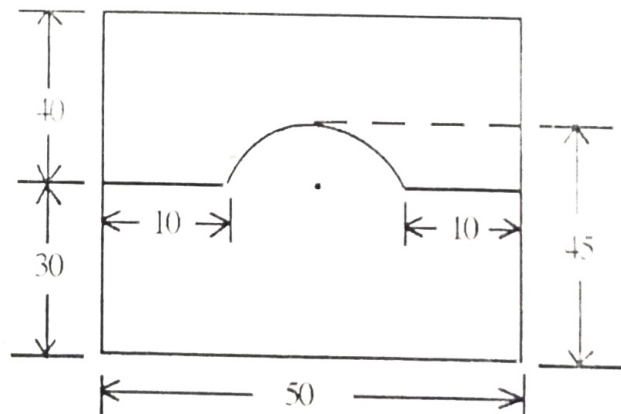
Time : 4 hours

Answer **all** questions.

The figures in the right-hand margin indicate marks.

1. Write down 10 (ten) safety precautional measures while working in a workshop. 1 × 10
2. Prepare any *one* of the Job the sketch of which is given below : (90)

(a) FITTING

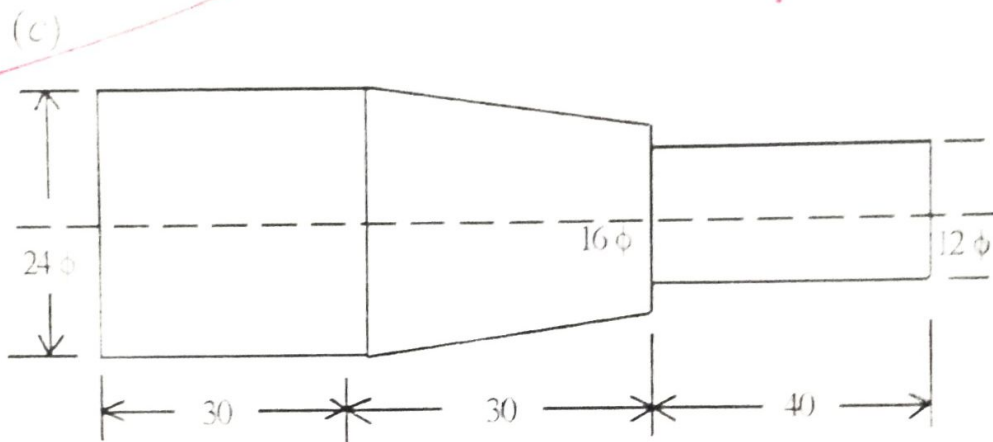


(Turn Over)

(2)

(b) Prepare a dovetail having joint from the timber supplied :

Dimension : $(100 \times 50 \times 50) = 2$ pcs.



(d) Make a ring with hook from the available M.S. Rod in the workshop :

Ring diameter (External) = 60 mm

Length of hook = 60 mm

IV—Sem/MECHANICAL/2019(S)(New/Old)

WORKSHOP PRACTICE - III

(Code : MEP-402)

Full Marks : 50

Time : 4 hours

Prepare any **one** job

Figures in the right-hand margin indicate marks

1. Prepare the turning job using lathe as per the drawing shown in Fig.1.

50

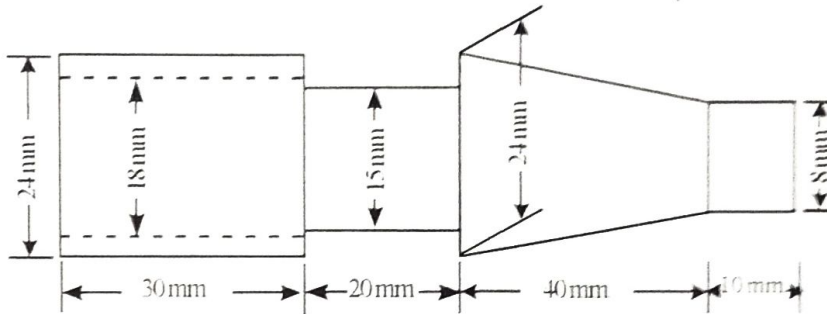


Fig. 1

2. Prepare the welding job using arc welding as per the drawing shown in Fig.2.

50

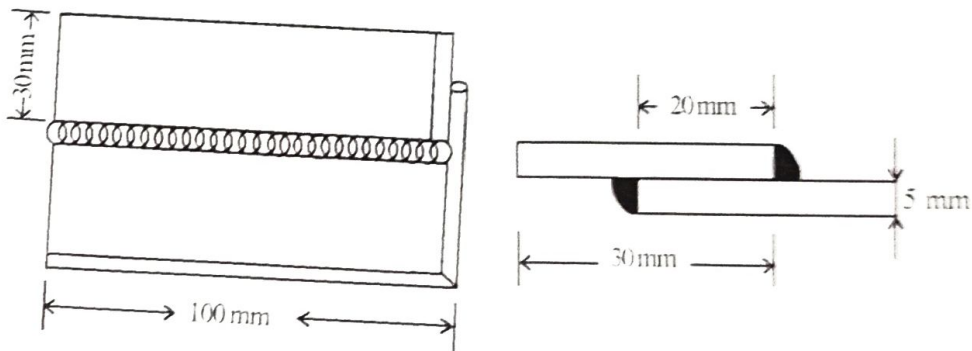


Fig. 2

III - SEM /MECHANICAL/2021 (WINTER)

WORKSHOP -II

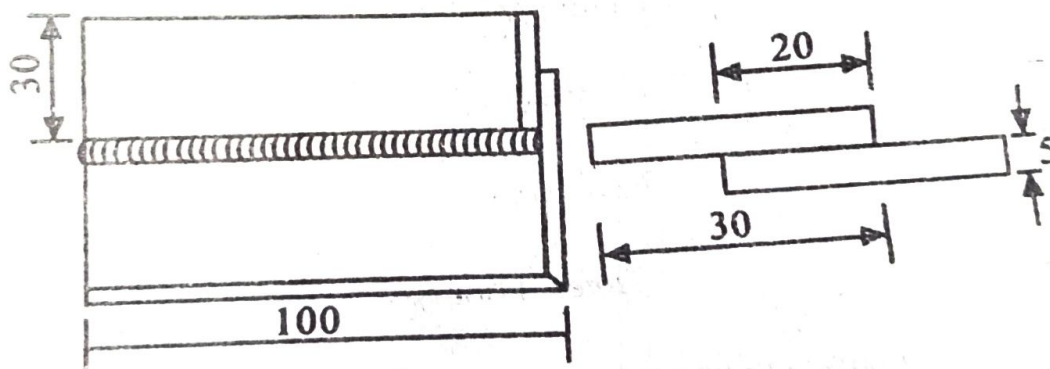
(Pr - 3)

Full mark : 50

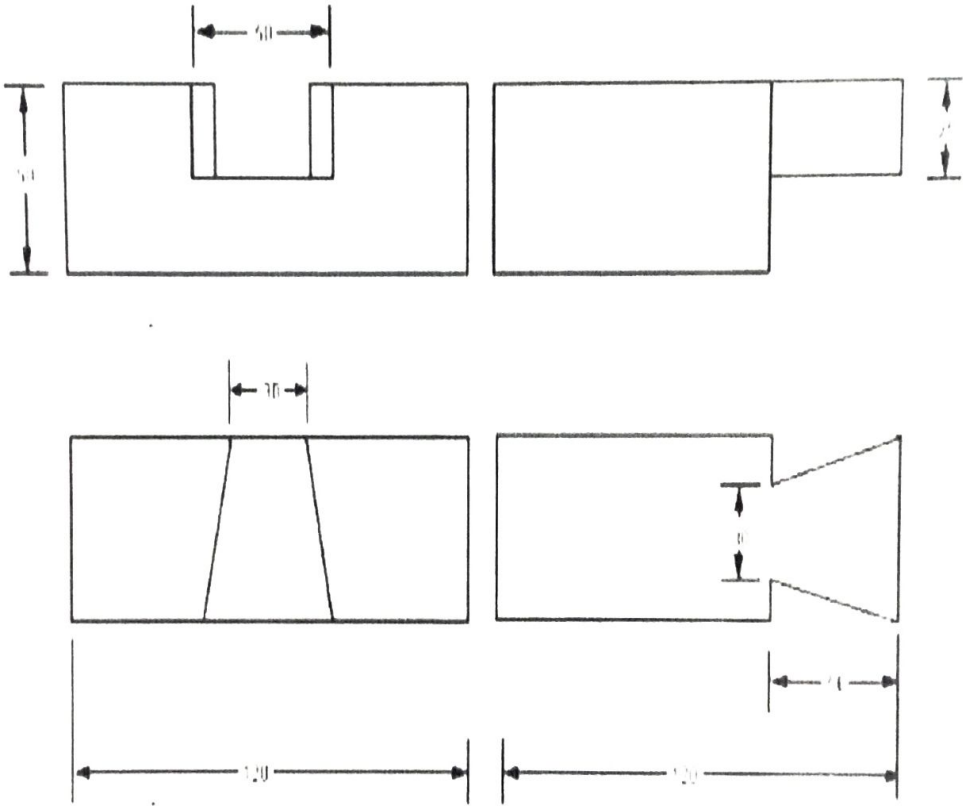
Time : 4 hours

Prepare any one job as per given below

1. Prepare an octagonal flat chisel of ($\phi 16 \times 200$) mm.
2. Prepare a hexagonal hammer of ($\phi 32 \times 80$) mm and ($\phi 12 \times 200$) mm
3. Prepare the welding job using arc welding as per the drawing given below.



Q.4. Prepare the carpentry job as per the given figure.



III - SEM /ELECTRICAL/2021 (WINTER)

MECHANICAL WORKSHOP

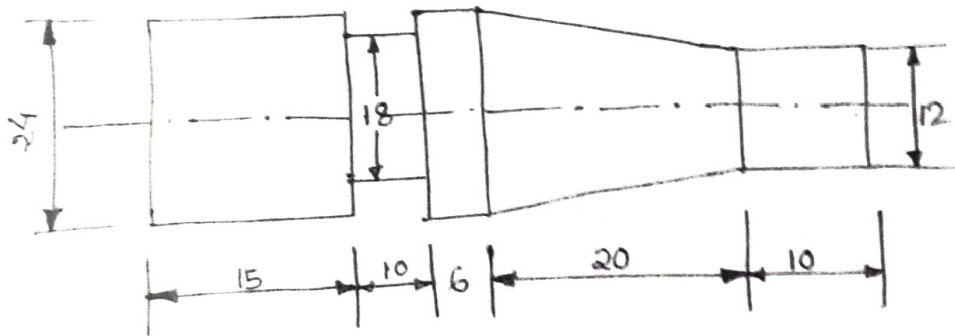
(Pr - 3)

Full mark : 50

Time : 4 hours

Prepare any one job

Q 1 Prepare the turning job using lathe as per the diagram shown below



All dimensions are in mm .

P.T.O

Q. 2 Prepare the carpentry job as per the figure given below
 (All the dimensions are in mm)

