

- b) Draw the free hand sketch of MCB (10)
 Q.5 Draw the assembled view of pin type insulator shows in fig 1 (20)

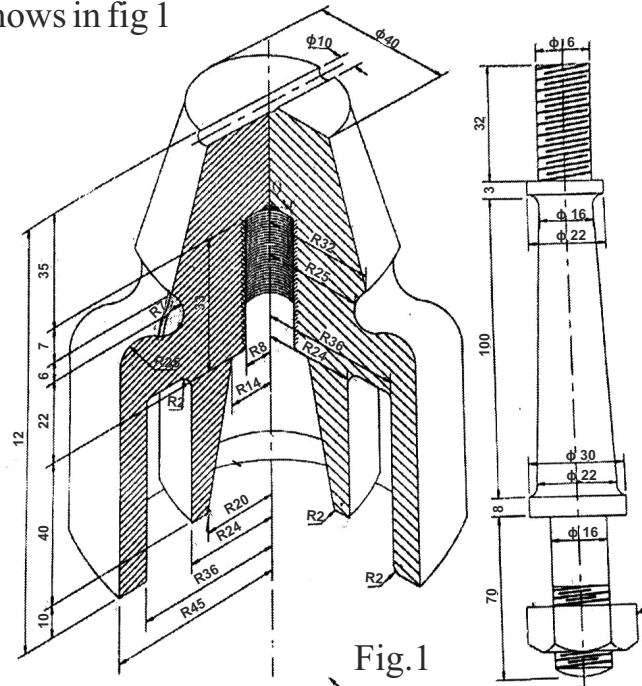
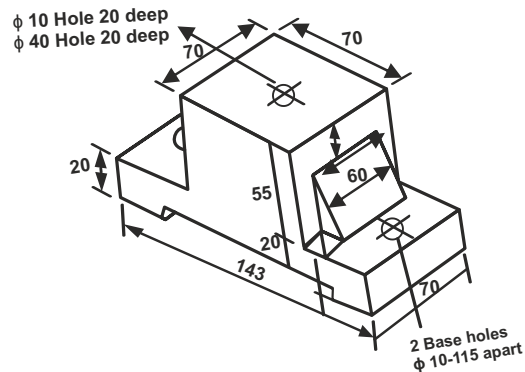


Fig.1
 Or

Draw the Front view, side and top view of bus bar post as shown in fig 2.



No. of Printed Pages : 2
 Roll No.....

126544

4th Sem,

Subject : Electrical Engineering Design & Drawing

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note : Very Short answer type questions. (10x2=20)

Q.1 Draw the symbols of following (any 10)

- | | |
|----------------------|----------------------------|
| 1) Spot light | 2) Battery |
| 3) Cartridge Fuse | 4) Exhaust fan |
| 5) Main switch power | 6) Two way switch |
| 7) Circuit breaker | 8) Buzzer |
| 9) DC Motor | 10) Energy meter |
| 11) Time Delay Relay | 12) Moving iron instrument |

SECTION-B

Note : All questions are compulsory.

Q.02 Draw the wiring diagram and single line diagram showing domestic electrical connections of Energy meter, ELCB, main switch, distribution board and 5 sub circuit. (15)

Q.3 Draw the schematic and wiring diagram for forwarding/reversing of a 3-phase induction motor. (25)

Or

Draw the schematic and wiring diagram for a process in which two induction motors getting supply from two selected feeders.

- Q.4 a) Explain the following Auto CAD commands.(10)
- | | |
|------------|------------|
| i) New | ii) Export |
| iii) Erase | iv) List |
| v) Explode | |