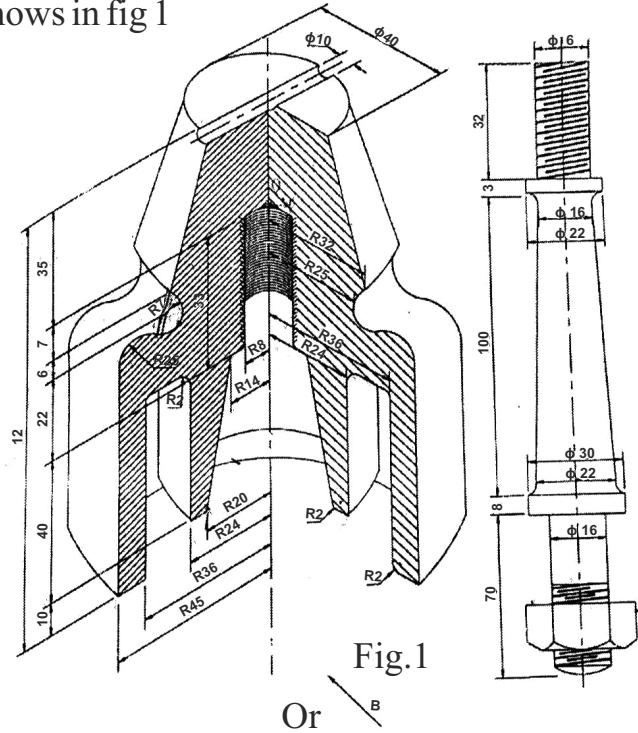
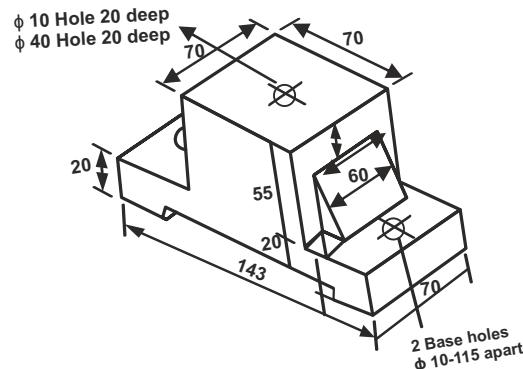


- Q.5 b) Draw the free hand sketch of MCB (10)
 Draw the assembled view of pin type insulator shows in fig 1 (20)



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



(40)

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Roll No.....

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 | |

(1)

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