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***B. Tech. Degree V Semester Supplementary Examination in
Marine Engineering December 2015***

MRE 506 MARINE ENGINEERING DRAWING

Time: 4 Hours

Maximum Marks: 100

- I. The figure I shows the details of 4 stroke Diesel Engine Piston and Rod.
Draw:
- (a) Half sectional elevation with right half in section showing the parts assembled. (30)
 - (b) Plan view of the section through the second groove from top. (20)
- OR**
- II. The figure II shows the details of a high lift safety valve.
Draw:
- (a) Half sectional elevation. (30)
 - (b) End view of the safety valve assembly. (20)
- III. The figure III shows the details of an air stating valve of a diesel engine.
Draw:
- (a) Front sectional elevation of the valve assembly. (30)
 - (b) End view of the valve. (20)
- OR**
- IV. The figure IV shows the details of stern tube and tail shaft of a ship.
Draw:
- (a) Sectional elevation through the axis of the shaft showing all parts of tube and shaft assembled. (30)
 - (b) Detailed view of the oil gland. (20)

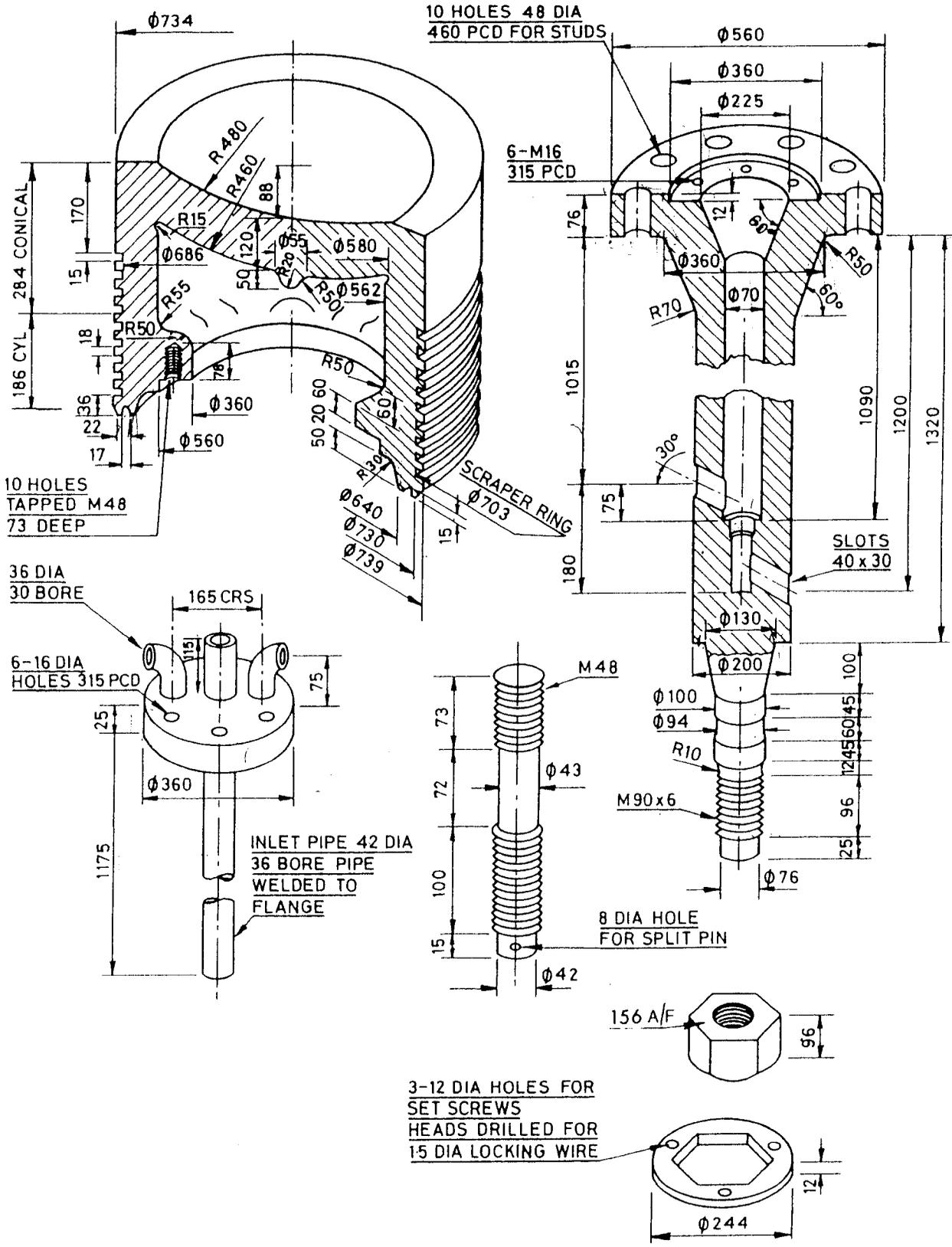


FIG: I

4 STROKE
PISTON AND ROD

