

## COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

### B.TECH. DEGREE V SEMESTER REGULAR/SUPPLEMENTARY EXAMINATION IN MARINE ENGINEERING DECEMBER 2020

#### MRE 1506 MARINE ENGINEERING DRAWING (2013 Scheme)

Time: 60 Minutes [for Answering and Scanning/Uploading the page of the Answer Sheet]

Max. Marks: 20

#### INSTRUCTIONS

1. You have to be available in Google Meet Video Camera throughout the examination hours.
2. Those students who are not present through Google Meet Video Camera will not be permitted to write the online examination.
3. You have to share your '**live location**' to the faculty before uploading the answer sheet.
4. You have to answer only one question.
5. You have to write register number, subject code and module/group number (as given in the question paper) in each page.
6. Answer may not exceed one page of an A4 size paper in a standard handwriting, as far as possible.
7. If at all an answer goes beyond one page, (due to your handwriting) another page can also be used. In such a situation, the page number should be given as 1/2, 2/2.
8. You have to put the Question Number correctly.
9. After answering the question, you have to scan in pdf format and upload the answer page in a format of <reg. no.><module/group no.><question no.>.pdf.

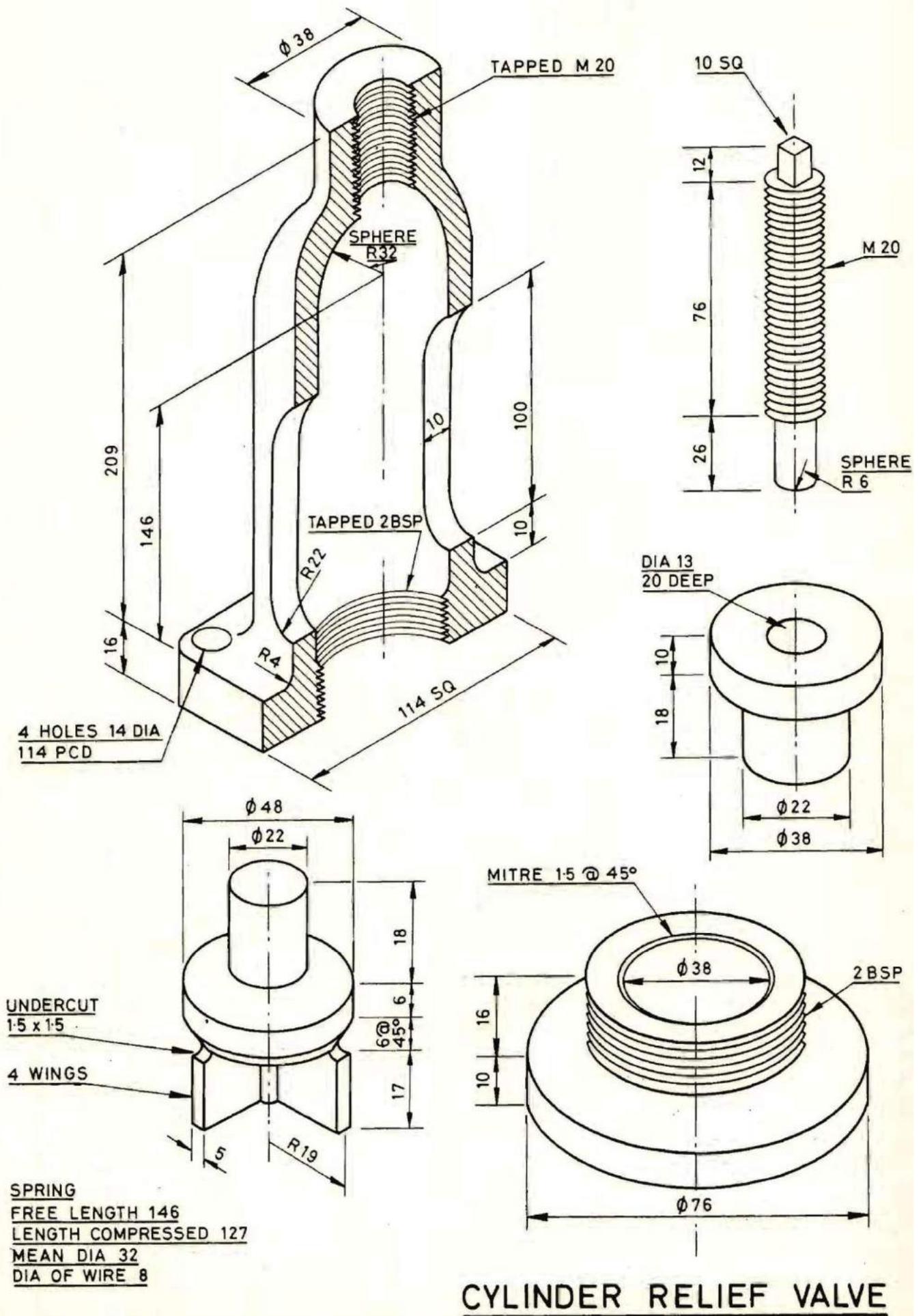
#### MODULE - I

(Answer **ANY ONE** question)

- I(1). Draw the half sectional elevation of the cylinder relief valve, shown in following figure, with right half in section. (20)

(Continued to 2)

(2)



**CYLINDER RELIEF VALVE**

OR

(Continued to 3)



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### B.TECH. DEGREE V SEMESTER REGULAR/SUPPLEMENTARY EXAMINATION IN MARINE ENGINEERING DECEMBER 2020

#### MRE 1506 MARINE ENGINEERING DRAWING (2013 Scheme)

Time: 90 Minutes [for Answering and Scanning/Uploading the page of the Answer Sheet]

Max. Marks: 30

#### INSTRUCTIONS

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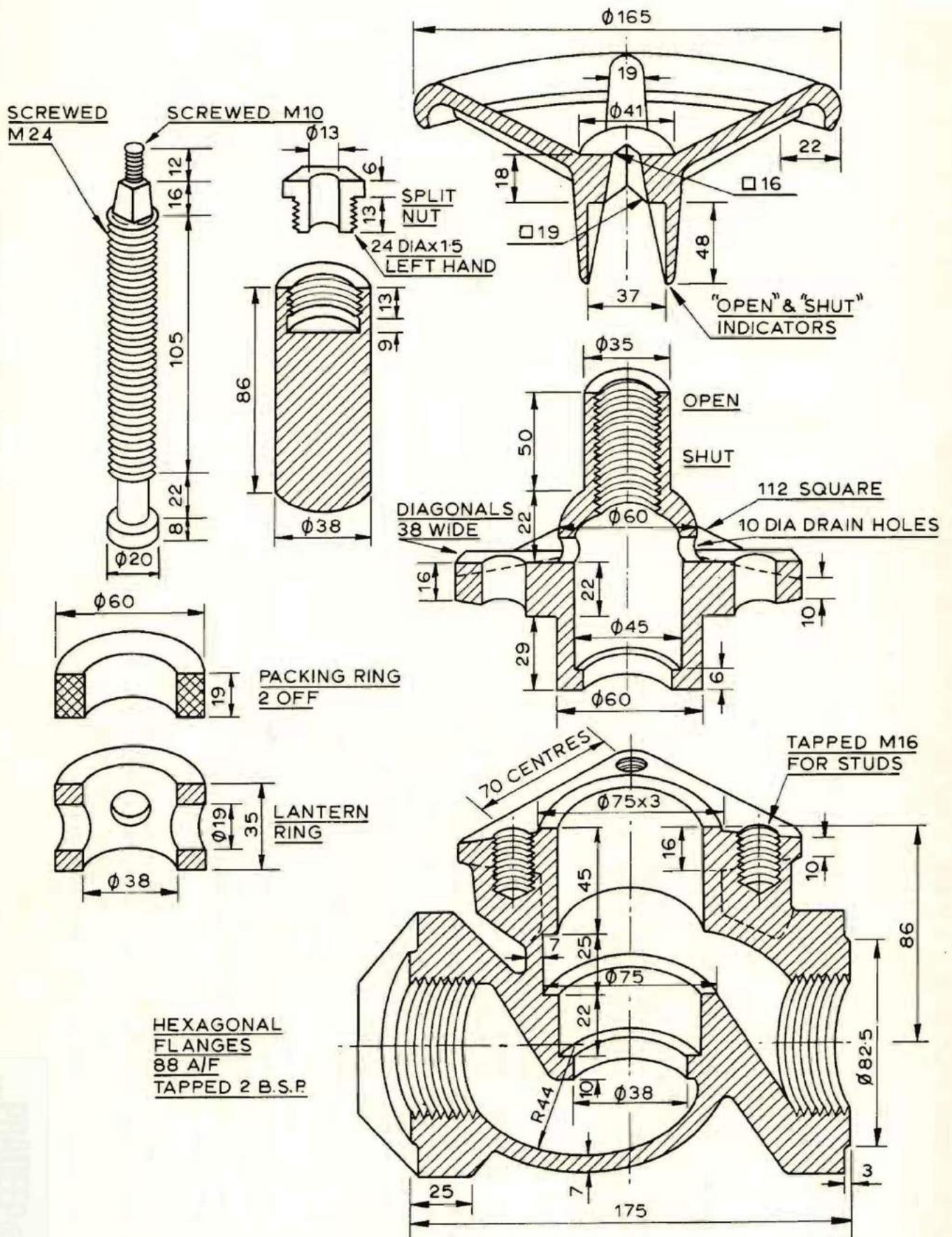
#### MODULE - II

(Answer *ANY ONE* question)

- II(1). Draw the half sectional elevation of the piston type stop valve, shown in following figure, with right half in section. (30)

(Continued to 2)

(2)



**STOP VALVE  
(PISTON TYPE)**

OR

(Continued to 3)

II(2). Draw the half sectional elevation of the upper piston and rod, shown in figure, (30) with right half in section.

