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Roll No

FT-5001-CBGS

B.E. V Semester

Examination, June 2020

Choice Based Grading System (CBGS)

Salvage Evaluation of Fire Situation

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. Describe various equipments and apparatus used in salvage operation.
2. Describe the pyrolysis process of wood.
3. Describe the theory and concepts of zone models. Also write a note about model of enclosures fires.
4. Define the term “Source of flame and burning object” and mention the steps needed for “fire plume source term” and “Hot layer source term”?
5. Describe in details various equipments and apparatus used in salvage operation. Also draw line diagram.
6. What are various stages of fire? Describe them in details.

OR

Write short note on Monte Carlo technique.

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7. Write short notes on:
- i) Economic loss prevention.
 - ii) Business interruption insurance.

OR

Explain evacuation model "EXIT".

8. Write short notes on any two.
- a) Fire Insurance claims
 - b) Insurance of process plant
 - c) Damage insurance
 - d) Legal provisions for fire loss

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