

24866

**B. Tech. 7th Semester (Fire Tech. & Safety) F. Scheme
Examination, December-2017
SAFETY IN CONSTRUCTION**

Paper-FT-433-F

Time allowed : 3 hours]

[Maximum marks : 100

Note : Question No. 1 is compulsory. Attempt any five questions in total. One question must be selected from each section.

1. (a) How will you frame the Contract condition on the safety.
- (b) How will you provide the safety for the construction of the tunnel.
- (c) Explain the safety guidelines during the operation of the crane.
- (d) What are the current govt. rules regarding the wages of the worker. 4×5=20

Section-A

2. Explain the role of the ergonomics in the Construction Safety. 20
3. Which type of safety norms must be followed during the construction of the Buildings and roads. 20

Section-B

4. Which types of safety measure must be kept in mind during the following construction.
(a) Blasting (b) Scaffolds. 10,10

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[P.T.O.]

5. Explain the following terms :
- (a) National Building Code
 - (b) Provision in the Construction Safety as per Indian Standard. 10,10

Section-C

6. Explain the safety guidelines during the storage and stacking of the construction material. 20
7. Explain the safety method during the use the Conveyor and also explain the hydraulic tools that are used in the construction. 20

Section-D

8. Explain the welfare and health provision in the labour act. 20
9. Write the short note on following :
- (a) Procedure to issue the license to contractors.
 - (b) Construction Workers (RE & CS) Act 1996. 1,10