

Roll No.

24701

**B. Tech. 3rd Semester (Fire Tech. &
Safety)**

Examination – December, 2018

**TOWN PLANNING & SAFETY IN CONSTRUCTION
INDUSTRY**

Paper : FT-201-F

Time : Three Hours] [Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Section. Question No. 1 is *compulsory*. All questions carry equal marks.

1. (a) What do you mean by Topography ? $4 \times 5 = 20$
- (b) What is Scaffolding ?
- (c) What is Pneumatic Caissons ?
- (d) Explain the Demolition.

SECTION – A

2. Explain the different types of roads in the Urban Area. 20

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3. What do you mean by detached and semidetached houses in relation to the Fire Risk ? 20

SECTION – B

4. Write the short note on the following : 7, 6, 7
(a) Safety Budget
(b) Rehabilitation
(c) Structural Soundness
5. What are the basic cause and their effect of an Industrial Accident ? 20

SECTION – C

6. What safety precaution must be kept in mind during the movement of railway wagons, long items and hazardous material ? 20
7. Explain the different types of safety measures during the underground and above ground work. 20

SECTION – D

8. Explain the safety in demolition operation in the context of building material. 20
9. Write the short note on the following : 10, 10
(a) First and Facilities
(b) Personal Protection Equipment