

Roll No.

24701

**B. Tech 3rd Semester (Fire Tech. & Safety)
Examination – December, 2017**

**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 at least *one* question from each Section. Question No. 1 is *compulsory*. All questions carry equal marks.

1. (a) What is Rehabilitation ? 5 × 4 = 20
(b) What do you mean by Exhaustion ?
(c) What is Asphaltting ?
(d) Explain the First Aid Facilities.

SECTION – A

2. What do you mean by Topography and explain the drainage ? Water supply and communication system in the cities. 20

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3. Explain the following term in the context of town planning : 6, 7, 7

- (a) Group Housing
- (b) Group Warehousing
- (c) Commercial Complex

SECTION – B

4. How will you do investigate and report the road accident ? 20

5. Explain the duties, responsibility of safety officer and safety committee. 20

SECTION – C

6. Write the short note on the following : 10, 10

- (a) Scaffolding
- (b) Pneumatic Caisson

7. Which types of safety measure must be kept in mind during the underwater work ? 20

SECTION – D

8. Explain the safety precautions during the demolition and prior to demolitions. 20

9. Explain in detail the act of 1996 and central rules 1998 (IS & NB Codes). 20