

Roll No.:

FT-302 (GS)

B.E. III Semester

Examination, December 2017

Grading System (GS)

Town Planning and Safety in Construction Industry

Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.

ii) All questions carry equal marks.

1. What are the methods adopted for the collection of data in surveys?
2. Discuss town survey. What are the usual topics covered in it.
3. What are the roles of organisations, government and voluntary bodies to achieve the goal of safety in an organisation.
4. Discuss the process and types of investigation.
5. Discuss the safety precautions in excavation of trenches in sandy soil.
6. Discuss the safety precaution in scaffolding for external wall painting using wooden bellies/bamboos.
7. Define demolition. Write the various types of safety precaution taken during the demolition operation.

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8. Answer any four of the following:

- a) What are the advantages and disadvantages of Multi Storey Flats in relation to fire risk?
- b) Discuss the basic elements of safety training.
- c) Explain the classification of fire with examples and suggest fire fighting strategy appropriate to each such class of fire.
- d) Explain the steps of demolition? Also explain protection of public.
- e) Enlist the requirements of First-Aid box at the construction site.
- f) What is relation between risk and hazard?
