



INSTITUTE OF TOWN PLANNERS, INDIA

Dr. Chetna Singh
Secretary Examination

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F.No.ITPI/AEITP/Assignment-III/2024-25/
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Dear Students,

Please find attached herewith the Assignments for Third Semester of Associateship Examination for the year 2025. There are 6 Assignments in all; out of that four are Compulsory subjects i.e., C.3.1, C.3.2, C.3.3 and C.3.4 and other two are Elective Subjects i.e., E.3.2, and E.3.3. Out of the Elective subjects only one subject is to be chosen.

The last date for submission of Assignments is **21st May, 2025**.

NOTE: It is the responsibility of the student to ensure that the assignment reaches ITPI before 21st May, 2025 and the assignment received after the due date will not be considered valid.

For any queries feel free to contact at itpidel@itpi.org.in or +91 88262-34858.

With best regards,

Dr. Chetna Singh

Encl: As above

INSTITUTE OF TOWN PLANNERS, INDIA

4-A, Ring Road, IP Estate, New Delhi 110002

Town Planning Examination Board Associateship Examination

Assignment: Semester -III

Year 2025

Subject: C.3.1: City and Metropolitan Planning

Maximum Marks: 20

Instructions

1. Please mention your Name, Roll No. and the Semester properly on cover page.
 2. Each answer should not be more than five pages.
 3. The answers should be written in own words and own hand writing on A-4 size paper.
 4. Answer any two questions. All questions carry equal marks.
 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignment is **21st May, 2025**
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1. What are the implications pertaining to rapid urbanization?
2. Discuss the characteristics and challenges faced by the existing cities.
3. Discuss the various hierarchy of Plans, their considerations and principles for planning.
4. Elaborate the different visions for future cities.
5. What are various legislations, policies, schemes and Reforms that are applicable for the cities?

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Town Planning Examination Board Associateship Examination

Assignment: Semester -III

Year 2025

Subject: C.3.2 Planning for Infrastructure

Maximum Marks: 20

Instructions

1. Please mention your Name, Roll No. and the Semester properly on cover page.
 2. Each answer should not be more than five pages.
 3. The answers should be written in own words and own hand writing on A-4 size paper.
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 6. Last date for submission of assignment is **21st May, 2025**
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6. Describe the role of infrastructure in the development of our country. Explain the importance and potential of emerging infrastructure sub-sectors that have been added in recent years in the 'harmonized master list of infrastructure sub-sectors.'
7. Elaborate on the causes and impacts of urban flooding and interventions to tackle it. Support your write-up with a study of past events and initiatives in Indian and global contexts.
8. Explain the meaning of circular economy and its role in solid waste management with examples. Elaborate on the regulatory provisions and initiatives in India to promote the circular economy.
9. Describe the potential of solar energy in archiving sustainability in the power sector. Write on the issue and challenges in implementing solar energy initiatives presently being faced in India with examples.
10. Write a case study on part efforts on mass evacuation related to disasters in India, highlighting key success stories and learnings.

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Town Planning Examination Board Associateship Examination

Assignment: Semester -III

Year 2025

Subject: C.3.3 Land Economics

Maximum Marks: 20

Instructions

1. Please mention your Name, Roll No. and the Semester properly on cover page.
 2. Each answer should not be more than five pages.
 3. The answers should be written in own words and own hand writing on A-4 size paper.
 4. Answer any two questions. All questions carry equal marks.
 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignment is **21st May, 2025**
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1. Describe economic concept of land and its features in your city.
2. Analyse **Pirate Land market** in select city and its impact on living conditions, house prices, and revenue loss to government.
3. Examine the impact of urban land Ceiling Act (ULCRA) of 1977 on land market and how ULCRA has affected supply of services land?
4. Examine role land policies in terms of economic development, equity, efficiency, partnerships, transparency and accountability? How these have affected land supply in select city?
5. Write short notes on any two:
 - (i) **Demand for urban land** in select city and its distribution in terms of formal and informal market
 - (ii) PPP in urban land market
 - (iii) Land as a resource
 - (iv) Hire-Purchase system vrs direct lending (loans) for land development
 - (v) Six determinants of land market

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Town Planning Examination Board Associateship Examination

Assignment: Semester -III

Year 2025

Subject: C.3.4 Project formulation, appraisal and financing

Maximum Marks: 20

Instructions

1. Please mention your Name, Roll No. and the Semester properly on cover page.
 2. Each answer should not be more than five pages.
 3. The answers should be written in own words and own hand writing on A-4 size paper.
 4. Answer any two questions. All questions carry equal marks.
 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignment is **21st May, 2025**
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1. In your city, choose any infrastructure project (physical or social infrastructure, can cover urban infrastructure too and as may be needed in the city as per your/user opinion) and

- Describe what is the project and project's parameters. Make suitable assumptions.
- Describe the key elements to be understood for project formulation, appraisal and financing in detail.
- Describe project development cycle for the chosen project, in words and pictographically for the entire life cycle covering aspects of construction and operation and maintenance.
- Describe the relationship or interdependencies between the three aspects for your given project.
- Describe the project cost requirements for your chosen project. How will you finance it or recommend for financing purposes?

2. Describe for your choice of project, project should cover both, service need and output specification, how will you;

- Write a paragraph on why it is necessary to understand need for your project, whose needs are primary to be understood?
- Define the service need for a project
- Define the output specification
- Given the need, describe in detail how will you conduct a need analysis for your project
- Describe, need analysis will cover what assessment parameters

3. Describe the linkage of spatial planning and project formulation, you can draw a relationship for any project or program of your choice.

- Under the spatial plans (ex: Master plan, development plan, local area plan, regional plan, district development plan, etc.), what project can generate revenue, give examples to explain the same.
- If you are a decision maker for this project, what all will you need to appraise and consider for such project, a) from government owner perspective, (b) from private sector perspective for your choice of project. Explain with examples

4. In detail prepare a Gannt chart for any project of your choice, with detailed outline of main and sub activities across time estimated to complete the activity, covering a minimum construction period and operation period. You can use excel or any other software to create the Gannt sheet.

- Overlay broad costs estimation or cost estimate on Bill of quantities (BOQ) for each activity for the above.

5. With respect to service delivery with the help of private sector, in detail answer the following for any project of your choice:

- Write a detailed description of what is a PPP project and how your project can be taken on PPP basis, give the standard definitions for better understanding.
- Calculate Net present value (NPV) and Internal rate of return (IRR) for any given project of yours. You can utilise excel or other software's for calculation purposes. Make suitable assumptions to arrive at project parameters required to calculate the above, covering project cost, timeline, interest rates, etc.
- For a bank, explain what is most important to be understood wherein it lends to a private sector party who is undertaking development of a project on PPP basis.

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Town Planning Examination Board Associateship Examination

Assignment: Semester -III

Year 2025

Subject: E.3.2 Planning for Disaster Risk Mitigation and Management.

Maximum Marks: 20

Instructions

1. Please mention your Name, Roll No. and the Semester properly on cover page.
 2. Each answer should not be more than five pages.
 3. The answers should be written in own words and own hand writing on A-4 size paper.
 4. Answer any two questions. All questions carry equal marks.
 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignment is **21st May, 2025**
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1. Describe the main features of the Indian disaster management policy
2. What are the main highlights of the Sendai framework for disaster risk reduction?
3. Why is the Netherlands a front runner in flood management? What can the other countries learn from it ?
4. Write short notes on
 - a. Disaster resilience
 - b. Disaster preparedness
5. What is disaster capitalism? Explain with examples

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Town Planning Examination Board Associateship Examination

Assignment: Semester -III

Year 2025

Subject: E 3.3: Planning for Informal Sector

Maximum Marks: 20

Instructions

1. Please mention your Name, Roll No. and the Semester properly on cover page.
 2. Each answer should not be more than five pages.
 3. The answers should be written in own words and own hand writing on A-4 size paper.
 4. Answer any two questions. All questions carry equal marks.
 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignment is **21st May, 2025**
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1. What are the various informal housing subsystems prevailing in our Indian cities? Elaborate on the characteristics of these informal housing subsystems and in what ways we can make them part of formal housing subsystem.
2. Home based economic activities are seen in low-income settlements. Discuss with example the positive and negative impact of such activities on the environment of the settlement and people.
3. The Building and Other Construction Workers Act, 1996 in what way is helping the construction workers in their welfare. Further how this act can help the construction workers.
4. What are the important character of informal workers. Explain with the example of Street Vendors-the problem faced and the policy intervention for support to these workers.
5. What are the policies of the government related to poverty alleviation? What is inclusive planning approach with reference to poverty alleviation.