

**INSTITUTE OF TOWN PLANNERS, INDIA
TOWN PLANNING EXAMINATION BOARD**

ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I
SUBJECT: C.1.1. Socio-economic Basis for Planning

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. 'The provision of many public services and facilities such as schools, hospitals, utilities, and highways typically exhibit the characteristics of economies of scale' Explain.
2. Large infrastructure projects may sometimes lead to uprooting of communities from their homeland. What is the difference between relocation and rehabilitation?
3. What do you mean by migration? What is the impact of rural-urban migration on host and donor settlements?
4. What are the impacts of agricultural growth in India on Class II and Class III towns in terms of socio economic changes?

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT : STAGE- I
Subject: C.1.2 Planning Theory

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
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 6. Last date for submission of assignments is 30 May 2013.
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1. What are the primary features of Advocacy Planning theory?
2. What are the primary objectives of Town and Country Planning?
3. Explain in detail the Multiple Nuclei Model of a city structure.
4. Explain the salient features of Systems View of Planning.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT FOR STAGE- I
Subject: C.1.3 Planning Techniques

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
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 6. Last date for submission of assignments is 30 May 2013.
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1. Explain the planning practice in India in details.
2. (a) Explain the cluster and factor analysis method.
(b) Explain the methods of identifying urban and regional problems.
3. Explain the techniques of system simulation for urban planning.
4. What is aerial photography? Explain the methods of data collections through Aerial Photography and Remote Sensing.

**INSTITUTE OF TOWN PLANNERS, INDIA
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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage - I
SUBJECT: C.1.4. Transportation Planning

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. Briefly describe various types of urban form and structure patterns and their impact on travel patterns.
2. Briefly describe various types of traffic and transportation surveys necessary to prepare a Transportation Plan for a city.
3. Describe in brief various parameters to characterize Traffic and Travel patterns of an area. Describe briefly the salient attributes of transport systems operating in urban area and how do these differ from systems which operate at regional level?
4. Describe briefly the concept of Land Use – Transport Cycle. How is it useful in planning transport systems in urban areas?

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)
SUBJECT : E.1.1. History of Human Settlements

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 4. Answer any two questions. All questions carry equal marks.
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 6. Last date for submission of assignments is 30 May 2013.
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1. Explain the salient features of settlement planning during Egyptian period.
2. Enumerate the factors responsible for establishment of settlements during earlier period.
3. Critically evaluate the concepts and design principles adopted by Le-Corbusier in planning of Chandigarh.
4. Explain the design principles adopted in planning of towns during Greek and Roman period.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)
SUBJECT : E.1.2. Project Formulation and Appraisal
Marks: 20

Year 2013
Maximum

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. What is 'Project Cycle'? Explain the stages involved in a project cycle.
2. How do you differentiate risk and uncertainty in a project? How do you reduce risks and uncertainties in project appraisal?
3. How the 'shadow pricing' in an economic analysis is used? What are the implications of this in a project environment?
4. Differentiate economic and financial appraisal of a project. What are the stages involved in economic appraisal of any large project?

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ASSOCIATESHIP EXAMINATION

**ASSIGNMENT: Stage I (Elective)
SUBJECT : E.1.3. Social Formulation and Change**

**Year 2013
Maximum Marks: 20**

Instructions

1. Each answer should be of a maximum length of five pages.
2. The answers should be written in own words and own hand writing on A-4 size paper.
3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
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6. Last date for submission of assignments is 30 May 2013.

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1. Explain the implications of technology in modernizing the urban society. What are its planning implications?
 2. Explain social coherence. How does it affect the neighbourhood planning?
 3. Explain ecological systems and social systems.
 4. In what ways decreasing family size affects the demand for housing in India?

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)
SUBJECT : E.2.1. Statistics and Population Studies

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. Discuss in details the importance of estimation theory in decision making in case of uncertainty. Describe the important properties of a good estimator.
2. (a) Discuss in details the impact of migration as social and economic activities of a city.

(b) Discuss different methods of population projection.
3. Discuss in details the methodology used for preparation of Indian Census. Explain in details the relevance of census data in context of developing countries.
4. How the analysis of labour force mortality and fertility is relevant for spatial planning? Explain in details.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)

Year 2013

SUBJECT : E.2.2. Land Economics

Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 4. Answer any two questions. All questions carry equal marks.
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 6. Last date for submission of assignments is 30 May 2013.
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1. Explain land marketization for urban infrastructure provision.
2. Explain in detail the policy of SEZ.
3. Explain the cost benefit of slum development in case of in-situ development.
4. What is Public - Private - Partnership (PPP) in land development? Explain its advantages and disadvantages.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)
SUBJECT : E.2.3. Design of Human Settlements

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. What do you understand by housing renewal? What strategies will you adopt to improve the conditions of the inner city slums in a city?
2. You are required to identify a site for a new town. What factors will you consider for identification?
3. Explain the approach you will adopt for designing for urban informal sector in a city.
4. What do you understand by 'design of human settlements'?

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ASSOCIATESHIP EXAMINATION

**ASSIGNMENT: Stage II
SUBJECT : C.2.1. Housing**

**Year 2013
Maximum Marks: 20**

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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- 1, Explain the socio-economic benefits of housing.
- 2.. What are the salient features of the National Urban Housing and Habitat Policy? Discuss.
- 3.. What are the approaches to handle the problems of slum dwellers? Explain.
4. What is meant by PPP in the housing sector? Discuss with examples.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage II

Year 2013

SUBJECT : C.2.2. Ecology and Resource Development

Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. Explain the `Eco-City' concept for development of cities.
2. What is Ecological foot print? How it is measured and analyzed?
3. What refers to `Climate Change'? Explain climate change policies of any state in details.
4. How water resource management in urban area ensures sustainable development of any city?

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage II
SUBJECT: C.2.3. Development Management

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
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 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignments is 30 May 2013.
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1. Explain the process of preparation of National Five Year Plans by the Planning Commission along with functions of Planning Commission.
2. Describe any Act of your state which guides and controls the development activities in the area you live. Give your observations and suggested changes in the Act in the present context for betterment.
3. Write detail note on Rural Administration and Constitution's 73rd Amendment Act.
4. Write detail about Jawaharlal Nehru Urban Renewal Mission (JNNURM) and achievement by States through it.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage II
SUBJECT : C.2.4. Regional Planning and Development

Year 2013
Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. Explain the difference between growth and development. What is balanced development in regional planning?
2. Explain the national planning framework within which the planning process and financial devolution take place.
3. What are the methods of settlement analysis? Explain one method in details.
4. What is 'Integrated District Development Plan' (IDDP)? How do you prepare an IDDP?

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)

Year 2013

SUBJECT: E.3.1. Environmental Planning & Design

Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
 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 assignments is 30 May 2013.
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1. What is 'Zero waste management'? Explain in details with case study examples.
2. What is sustainable development? Explain the approach of sustainable development for any urban area.
3. Explain the parameters of environmental qualities in settlements.
4. Critically analyze the salient features of National Water Policy – 2012.

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ASSIGNMENT: Stage II (Elective)

SUBJECT: E.3.2. Advanced Transportation Planning

Year 2013

Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
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 5. Illustrate your answers with the help of diagrams, sketches, etc. where necessary.
 6. Last date for submission of assignments is 30 May 2013.
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1. Explain various disaggregate methods for development of trip generation model.
2. Explain rural road network and process of preparation road development plan for any rural area.
3. Differentiate mobility and accessibility.
4. What are types of OD surveys? Explain briefly various types of OD Surveys.

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**ASSIGNMENT: Stage II (Elective)
SUBJECT: E.3.3. Network and Services**

**Year 2013
Maximum Marks: 20**

Instructions

1. Each answer should be of a maximum length of five pages.
 2. 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 assignments is 30 May 2013.
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1. Describe the relevance of 'green building design' concepts in metro cities, with the help of examples.
2. What do you understand by dual plumbing? Explain the concept of rain water harvesting to minimize dependence on ground water resources with sketches.
3. Write short notes on any two of the following:-
 - (i) Energy Efficiency Codes.
 - (ii) Waste recycling.
 - (iii) Integrated Water Management Practices.
 - (iv) Public Private Partnership in infrastructure development.
4. What are the different types of "Social infrastructure facilities" for a planned city development? Explain the space standards and locational considerations in planning of health infrastructure in urban areas.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)

Year 2013

SUBJECT: E.4.1. Environmental Impact Assessment

Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
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 6. Last date for submission of assignments is 30 May 2013.
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1. Elaborate the methodology that can be used for land suitability analysis.
2. EIA is a tool for achieving sustainability of a city. Explain with examples.
3. Discuss the comparison between the 1994 and 2006 EIA notification.
4. What is water auditing? Explain the water auditing methods for any area.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)

Year 2013

SUBJECT: E.4.2. City and Metropolitan Planning & Development Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
 2. The answers should be written in own words and own hand writing on A-4 size paper.
 3. Out of 100 marks in the subject, assignment will be marked for 20 marks.
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1. Explain the difference among Town, City, Metropolis and Urban Agglomeration with suitable examples.
2. What are the causes of poverty in metropolitan cities in India? How can it be alleviated?
3. Explain in details the physical structure of large cities.
4. Write in detail on the urban-rural dichotomy.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT: Stage I (Elective)

Year 2013

SUBJECT: E.4.3. Village Planning & Rural Development

Maximum Marks: 20

Instructions

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 2. The answers should be written in own words and own hand writing on A-4 size paper.
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1. What is 'Provision of Urban Amenities in Rural Areas' (PURA) concept? How far it is responsible for the development of rural areas in India?
2. Explain the community based planning approach for rural development with examples.
3. Explain water and sanitation issues in rural areas in India. What are the methods to ensure better water and sanitation condition?
4. Describe the stages for preparation of Village development plan with reference to watershed based planning approach.

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ASSOCIATESHIP EXAMINATION

ASSIGNMENT FOR STAGE - III

Year 2013

Subject: C.3.1.Planning Legislation & Professional Practice Maximum Marks: 20

Instructions

1. Each answer should be of a maximum length of five pages.
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1. (a) Town Planning is a state subject. Briefly explain the constitutional provisions on this aspect as contained in the Constitution of India.
(b) Briefly trace the evolution of town planning legislation in India and comment on its adequacy in dealing with problems of urban development.
2. Briefly outline the legislative provisions followed in Maharashtra for preparation of Town Planning Schemes (TPS) as a tool for undertaking and financing land development.
3. (a) What are the constitutional provisions for enacting a law for planning and development of an Inter-State Region in India?
(b) Discuss briefly the composition and functions of the National Capital Region (NCR) Planning Board set up under an Act of Parliament and evaluate its efficacy in dealing with conflicting issues of Inter-State Planning.
4. Briefly explain the composition and functions of the authority constituted under the Maharashtra Housing and Area Development Authority (MHADA) Act, 1976.