

**Question Bank**  
**Principles of Planning**  
**2<sup>nd</sup> stage**  
**2021-2022**  
**lecture: Dr. Mohanad Rasam**

**Answer the following Questions**

- 1- What is urban planning definition and what urban planning refer to?
- 2- What are urban planning main goals and what fields are concerned?
- 3- Discuss the cognate fields of urban planning and limit its sub fields
- 4- What are urban planning roles?
- 5- Sketch ancient cities of Mohenjo-Daro and UR?
- 6- Identify design characteristics of Mohenjo-Daro and UR?
- 7- Sketch ancient cities of Alexandria?
- 8- Identify design characteristics of Alexandria?
- 9- Sketch city models of ancient roman and medieval period cities?
- 10- Identify design characteristics of ancient roman and medieval period cities?
- 11- How renaissance cities changes over time draw some models and discuss characteristics
- 12- City of Tenochtitlan in Mexico engineering and urban fabric differ from Mesopotamia city? Speak about that?
- 13- Why Shibam in Yemen call sky scraper city sketch and specify domains
- 14- Why London needs sub centers did garden cities were alternatives?
- 15- What are the main functions of the city planning
- 16- Describe GIS and SPSS?
- 17- How city planning did get its typologies?
- 18- Compare between strategic planning and comprehensive plan?
- 19- What combination of land use planning process do work now a days?
- 20- How does incremental development help or hurt community efforts to fight gentrification?
- 21- How can incremental development be translated into a suburban setting?
- 22- When retail goes into walkable places, how is it changed? Do the stores look different? Do they operate differently?
- 23- How does the function of a single-use shopping center compare to that of a mixed-use downtown or main street?
- 24- How did TNDs contribute to the revival of long-neglected building types?
- 25- What is the future for TND? Where are they most likely to be built?
- 26- Why did transit-oriented development take off as a development concept in the last decade and a half? Why it is a hot commodity now?
- 27- How do form-based codes affect the livability of a community?
- 28- Why are form-based codes a fundamental tool for building mixed-use places?
- 29- Are real estate markets supporting polycentric regional planning more today than in the latter half of the 20th Century?
- 30- How important is farmland and natural area preservation to the health of the metropolis, and how can these lands be preserved?

- 31- How do you see greenfield development impacting regions in the coming decade? Will it still play a major role and how do we deal with it?
- 32- How do interconnected street networks differ from hierarchical branch systems?
- 33- What were the motivations behind the ideas that led to suburban cul-de-sacs?
- 34- Differ between performance zoning and incentive zoning
- 35- What is disadvantage of Euclidean zoning
- 36- Differ between Euclidean zoning and form FBC zoning
- 37- Commonly components of FBC and sometimes components of FBC identify? and explain?
- 38- What are the proper selection of FBC codes for implementation discuss three applications?
- 39- Sketch 8 types of city models through the 20<sup>th</sup> century with pointing the contents?
- 40- Explain the design considerations of neighborhood subdivision then compare between good and bad applications
- 41- What is Urban Design? How does it differ from Urban Planning?
- 42- What is the important of a form-based code (FBC)?
- 43- What is zoning and explain briefly its important in land use?
- 44- Why planning is important?
- 45- How the planning system works Basic principles?
- 46- How planning system works Basic difficulty?
- 47- Discuss the Legal requirements for town planning
- 48- Explain the development plan
- 49- What does the development plan do?
- 50- Explain and discuss investigation into town planning
- 51- Extract from development plan for Erbil city
- 52- Policies in development plan for Erbil city
- 53- Show Examples of housing policies for whole districts in Erbil city
- 54- Suggest other planning considerations in Erbil city
- 55- Discuss The modern challenges of urban sprawl,
- 56- Explain Deterioration of historic neighborhoods,
- 57- Explain the neglect of pedestrian safety in new developments.
- 58- Count different types of roads with sketches if needed
- 59- Count and explain briefly different pattern city models with sketches if needed
- 60- The irregular pattern model and its advantages and disadvantages

**61- Define the following statements:**

A form-based code (FBC)

Zoning , Land use , Cul-de-sac , Town , Community , Settlement , floor area ratios , setbacks Zoning, Master Plan, Roads , Communication, Recreational areas, open spaces, Residential areas, Neighborhood unit, Master Plan, Roads and Communication,

## **Differentiate between the followings**

- 62- Differentiate between Net Density and Gross Density
- 63- Differentiate between Greek towns and Roman towns.
- 64- Differentiate between Garden city and Satellite towns.
- 65- Differentiate between Arterial Road and sub-Arterial road.
- 66- Differentiate between Social Infrastructure & physical infrastructure.
- 67- Differentiate between Use zoning and Spot zoning
- 68- Differentiate between Greek cities & Roman cities.
- 69- Differentiate between Mediaeval, Renaissance & Pre-industrial cities.
- 70- Differentiate between Principles Of Urban And Rural Planning.

## **Answer the following Questions briefly**

- 71- Define the term Neighborhood and the conceptual models
- 72- Briefly explain the models or concepts as propped by Tony Garmeir, Frank Lyoyd Wright, Soria Y. Mata, Luduing Hilberseimer and Le Corbusier for future cities.
- 73- Draw the plans of the following cities
- 74- Elaborate the various rural development schemes by the central Govt. for various sectors like Housing, Poverty alleviation, Roads, Slums etc.
- 75- Principles Of Urban And Rural Planning:
- 76- Town planning concept since industrial revolution Explain briefly Impact of Industrial revolution on planning.
- 77- Planning concepts by utopians: Cadbury, Lever brothers, etc. Patric Geddes Sir Ebenezer Howard and Garden City concept, Letchworth, Wylwin Town planning laws.
- 78- Importance of Community Development concept on rural planning and development in post-Independence period.
- 79- Explain the terms row houses and courtyard houses with appropriate sketches. Describe the difference among these types, in detail
- 80- Explain the terms semi-detached houses and detached houses with appropriate sketches. Describe the difference among these types, in detail
- 81- Explain the concept of Neighborhood by Clarence prey and its characteristics.

- 82- Write a detailed note on Garden City concept by Sir Ebenezer Howard. Explain the same with appropriate examples.
- 83- Explain the importance and relevance of learning “Town Planning” for an Architect. Support your answer with appropriate cases and examples from the profession

### Multiple choices Questions

- 84- Which of the following is not Urbanization?
- a) The movement of people from rural to urban areas with population growth equating to urban migration.
  - b) The growth of cities into rural areas.
  - c) The growth of cities and the transformation of society from agrarian to urban.
  - d) The decrease in population due to rural-urban migration
- 85- Floor Area Ratio is the ratio of
- a) Total floor area to Total plot area
  - b) Total plot area to Total floor area
  - c) Plinth area to site area
  - d) Site area to plinth area
- 86- What would be the building height if Floor Area Ratio allowed is 1 with 50% plot coverage?
- a) Four stories
  - b) Two stories
  - c) Three stories
  - d) One story
- 87- As per the Land Pooling Rules 2009, the maximum land pooling contribution allowed is :
- a) 30%
  - b) 25%
  - c) 70%
  - d) 20%
- 88- Unlike land pooling technique of planning, the .....uses the provision of infrastructure as a mechanism to guide urban development?
- a) Guided Land Readjustment
  - b) Land Acquisition Guided Development
  - c) Guided Land Distribution Development
  - d) Guided Land Development
- 89- Which urban planning model does the illustration on the right show?
- a) Urban-rural transect model
  - b) City transect model
  - c) Density transect model

d) Zoning transect model

90- A development that creates vibrant, livable, sustainable communities centered around public transport :

- a) A Transport Oriented Development
- b) A Transit Oriented Development
- c) A Transect Oriented Development
- d) A Mobility Development

91- The Garden City Ideal formulated by Ebenezer Howard sought to raise the standard of health and comfort through providing a living environment that combined the best elements of

- a) Nature and Human habitation
- b) Commercial and agricultural practices
- c) Gardens, parks and cities
- d) Town and country life styles

92- As per Clarence Perry, which of the following is a unit considered to be within a walk-able distance of quarter-mile or 400 m radius ?

- a) A Local Area Plan
- b) A City Unit
- c) A Zoning Unit
- d) A Neighborhood Unit

93- What would be the area of a neighborhood if it is to be within walk-able distance of 400 m radius?

- a) Approximately 151 acres
- b) Approximately 224 acres
- c) Approximately 124 acres
- d) Approximately 102 acres

94- Transfer of Development Rights which is also known as TDRs is a type of flexible zoning used for

- a) Preserving historical areas and open spaces or limiting development in fragile areas
- b) Enabling economic opportunities and optimizing construction potentialities
- c) Providing more development rights
- d) None of the above

95- The City Beautiful Movement that flourished during 1890s and 1900s introduced beatification and monumental grandeur in cities. It also intended to create

- a) awareness on beauty and heritage values
- b) moral and civic virtue among urban populations

- c) harmony between nature and infrastructure development
- d) beautiful villages

96- According to Kevin Lynch who authored the book 'The Image Of The City', which of the following five types of elements form the image a city:

- a) Roads, Mountains, Forest, Buildings, and Rivers
- b) Paths, Edges, Districts, Nodes, and Landmarks
- c) Footpaths, Rivers, Buildings, Parks, and Monuments
- d) None of the above

97- .....is an international movement to reform the design of built environment and is about raising quality of life and standard of living by creating better places to live in. It is the revival of our lost art of place making .

- a) New Urbanism
- b) Contextualism
- c) City Beautiful
- d) Rationalism

98- The Thimphu Structure Plan is based on the principles of

- a) New Urbanism
- b) Garden City Ideals
- c) Intelligent Urbanism
- d) Smart Growth

99- The Structure Plans are implemented through

- a) Local Area Plans
- b) Valley Development Plans
- c) Neighborhood Plans
- d) Sub-division Plans

100- .....is a thoroughfare that is lined with buildings. It has area defined for cars, human circulations and activity .

- a) Street
- b) Road
- c) Footpath
- d) Promenade

101- .....is the design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design .

- a) Public Friendly Design
- b) Universal Design
- c) Disabled Friendly Design

d) Differently Abled Design

102- There are three types of roads or streets which form a hierarchal network of road or street system in the towns and cities. They are:

- a) Main road, secondary road and access road
- b) Primary road, connecting road and access road
- c) Highway, feeder road and farm road
- d) Primary road, secondary road and tertiary road

103- .....refers to the process of rebuilding area of cities or towns which have become obsolete and abandoned, or are in a state of considerable decay .

- a) Urban reconstruction
- b) Urban renewal
- c) Urban rebuilding
- d) Urban rehabilitation

### **Short Answer Questions**

104- What is Land Pooling?

105- What is Zoning?

106- List one advantage and one disadvantage about zoning in urban planning.

107- How is zoning different from precincts?

108- What is 'scale'?

109- How is scale important in urban planning?

110- What are the different types of spatial plans?

111- Choose two and list at least one difference and similarity between them.

112- Explain the Development of roads system in the form of having mobility and accessibility in the city

113- What is comprehensive plan ?

114- List all the features, facilities, and amenities where the used land would be distributed for preparing a comprehensive urban development plan.

115- Where a comprehensive plan necessary elaborate why they are being considered in the land using?

116- Elaborate the various rural development schemes by the central Govt. for various sectors like Housing, Poverty alleviation, Roads, Slums etc.

117- Explain the Impact of Industrial revolution on planning proses.