

Urban Planning Foundations

Urban Planning · Answer Key · 20 Questions

1. Which ancient civilization is credited with the implementation of the 'Hippodamian plan,' characterized by a grid layout of streets?

- A) The Egyptians
- B) The Ancient Greeks**
- C) The Aztecs
- D) The Mayans

2. What is the primary purpose of 'zoning' in urban planning?

- A) To increase municipal tax revenue
- B) To define permissible uses for land and building structures**
- C) To identify areas for historical preservation only
- D) To determine the demographics of residential neighborhoods

3. The 'Garden City' movement, which advocated for self-contained communities surrounded by greenbelts, was initiated by which planner?

- A) Le Corbusier
- B) Ebenezer Howard**
- C) Jane Jacobs
- D) Daniel Burnham

4. In urban transport planning, what does the acronym TOD stand for?

- A) Transit-Oriented Development**
- B) Total Occupancy Density
- C) Traffic Optimization Design
- D) Transport Operations Department

5. Which architectural movement, prominent in the mid-20th century, favored functionalism and geometric forms such as 'The Radiant City'?

- A) Art Deco
- B) Modernism**
- C) Neo-Classicism
- D) Gothic Revival

6. What is the 'Urban Heat Island' effect primarily caused by?

- A) Increased volcanic activity near cities
- B) The absorption of heat by concrete, asphalt, and building materials**
- C) Higher levels of precipitation in urban centers
- D) The use of geothermal heating in high-rises

7. In the context of urban infrastructure, what is 'brownfield' land?

- A) Agricultural land used for organic farming
- B) Land previously used for industrial purposes that may be contaminated**
- C) Public parks managed by municipal councils
- D) Unused land designated for future forest growth

8. The concept of the '15-minute city,' popularized by Carlos Moreno, aims to ensure that residents can reach essential services within a 15-minute walk or cycle. This model focuses on which primary goal?

- A) Increasing high-speed rail connectivity
- B) Reducing dependency on private motor vehicles**
- C) Expanding city borders into rural land
- D) Mandating underground living spaces

9. What is the 'Floor Area Ratio' (FAR) used to determine in city building codes?

- A) The total cost of construction materials
- B) The proportion of land occupied by buildings versus open space
- C) The density and total bulk of a building on a lot**
- D) The maximum height of a skyscraper

10. Which Australian city is famous for its 'Hoddle Grid,' laid out in 1837?

- A) Sydney
- B) Melbourne**
- C) Brisbane
- D) Perth

11. What do 'utility easements' grant to service providers?

- A) The right to tax residential properties
- B) The legal right to access private property to maintain infrastructure**
- C) The authority to sell residential land to developers
- D) The power to change zoning laws in a specific district

12. What is the main function of 'urban growth boundaries' (UGBs)?

- A) To prevent urban sprawl by limiting land development to designated areas**
- B) To define the international borders of a city
- C) To identify areas where no buildings are allowed
- D) To mandate the construction of high-density housing

13. Which of these is a key component of 'New Urbanism'?

- A) Prioritizing suburban shopping malls
- B) Focusing on human-scaled, walkable neighborhoods**
- C) Encouraging the expansion of multi-lane highways
- D) Reducing the amount of green space to increase housing

14. What does 'mixed-use development' refer to?

- A) Combining residential, commercial, and cultural functions in one building or area**
- B) Sharing public schools between two different cities
- C) Allowing both public and private transport on the same lane
- D) Building skyscrapers next to single-story cottages

15. In urban geography, what is 'gentrification'?

- A) The process of building new cities in rural areas
- B) The displacement of lower-income residents by wealthier ones following property redevelopment**
- C) The abandonment of urban centers for rural living
- D) The integration of public transport into existing suburbs

16. Which term describes the pattern of development characterized by low-density, car-dependent residential expansion?

- A) Urban Sprawl**
- B) Infill Development
- C) Transit-Oriented Development
- D) Centralized Planning

17. What is the primary role of 'infrastructure' in urban planning?

- A) To regulate the personal behavior of citizens
- B) To provide the physical and organizational structures required for the city to operate**
- C) To restrict the population growth of a city
- D) To choose the architectural style of all new homes

18. What is 'infill development'?

- A) Developing vacant or underutilized land within existing urban areas**
- B) Building new cities on reclaimed coastal land
- C) Expanding the city outward into forests
- D) Replacing historic buildings with modern parks

19. Which type of urban planning focuses on the design of the 'public realm' including streets, plazas, and parks?

A) Environmental Engineering

B) Urban Design

C) Economic Forecasting

D) Building Construction

20. What is a 'master plan' in urban planning?

A) A temporary sketch for a single building

B) A dynamic long-term planning document that provides a layout for future growth

C) A legal document that only applies to residential properties

D) A history book documenting the city's past construction