

- v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- vi) Extra attempt of any question or any part of the attempted question will not be considered.

PART-II

Explain the role of town planner as a “technocrat who leads a team of engineers, architects, sociologists, urban economists, geographers, and environmentalists to ensure rational decision making by politician regarding the future investment for development”. (20)

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Explain the role of town planner as a "technocrat who leads a team of"

Introduction:

Town planner acts as a technocrat in planning of a town and a city. The role of town planner as an expert is multifaceted. He has to keep in view the sociological, physical, financial, as well as ecological aspect of the environment and particularly the area of concern. For this reason he has to take input from other experts. So that the policy makers may seek help from the experts to make rational decisions. ~~making~~ So that the accuracy can not be compromised and rational decisions are taken for right investment.

⇒ Town Planner as a Technocrate

Town Planner as a technocrat plays a central role in the well planned city growth and urban development. According to J.T.Ho "Town planning aims at fulfilling the social and economic growth, which goes beyond in physical form"

Hence, town planner would seek to get input from other team members

⇒ Input Collection with the help of other experts:

Town planner as a technocrat can not be the jack of all trades. He needs to be a great leader to lead his whole team of engineers, architects, sociologists, geographers and environmentalists. Town planner needs to make sure the accurate collection of data. So, the decision making by politicians can not be compromised in future.

1. Engineer-Help in infrastructure:

The Engineer in the team of town planner works for infrastructure development. Engineer plays the most important role in the sustainability, accessibility and visually pleasing infrastructure.

a. Storm-Water Management:

Before and after the development of town, the engineer needs to keep in view the natural hazards like floods, rains, earthquakes etc. For this purpose, he needs to build the structures which efficiently manages the storm water.

b. Infrastructure maintenance and rehabilitation:

Besides the proactive approach of engineers, there is also a need to develop enough capacity in the ~~that~~ town planning that it gives the plan for the maintenance of streets, bridges and other public infrastructure. Pakistan has faced serious maintenance problem after

2. Architects-Checks upon the aesthetic aspect of town:

The role of architect is to work for the aesthetic aspect of the buildings. He needs to give his input to the town planner to enhance the beauty of the city as a by-product of urban development. For this objective, he keeps in view the cultural, and historical perspective of the concerned community. This can increase the visuals and attract tourists as well.

3. Sociologists-acts as Bridge between town planner and People:

The role of a sociologist is important for the team of town planner because he will check the demographic trends and social classes of that area. This data can benefit engineers, architects, and of course town planners. He can identify the impact of a particular development on different social groups.

4. Urban Economist - assist in Cost-Benefit-

Analysis:

The role of economist is important for the town planner, because he is the one who checks the cost effectiveness of a project. He will also analyze the potential of that particular area to boost the economy of the country. Hence, urban economist suggest finance-effective decision.

5. Geographers - identifies ecologically sensitive areas,

Geographer does the spatial analysis of the site to identify the ecologically sensitive areas. The poor analysis will effect the future of the development. He helps to identify the earthquake prone regions, so that the safety measure are taken beforehand.

like the use of seismic isolation Bearings in Japan. Politician will also allocate the funds respectively.

6. Environmentalists Green Space protection:

The role of environmentalist is most important in the wake of climate change. He would suggest the best possible ways to minimize the carbon foot print and design the way to protect green space amid urbanisation.

7. Ensuring Rational Decision Making by Politician:

All the above mentioned experts will assist in the rational decision making to the politicians in the policy making. Policy maker will keep in view the input data given by the experts, so then he could do the zoning according to available data.

⇒ Conclusion:

Town planner's work as technocrat is assisted by the expertise provided by the team members i.e. Engineers, architect, sociologists, geographers, economist as well as environmentalists. These steps are taken to develop a hazardous resilient, sustainable, community friendly and culturally suitable urban areas. This team will assist of town planner as a whole assist in rational decision making.