

Class-VIII

Geography, Chapter-6

A. Multiple choice questions:-

1. A mega- City is an urban area of population greater than
c. ten million
2. A satellite town is near a large
c. Metropolis
3. Gurgaon (Gurugram) is a
d. Satellite town
4. The most important aspect of a smart city is
c. It's level of technology
5. Biodegradable substances
a. decompose naturally

B. State whether 'True' or 'False':-

1. A mega-city is a rural area with large population. **(False)**
2. Any urban centre can be called a smart city. **(False)**
3. Satellite towns are isolated independent towns. **(True)**
4. Waste management is an important aspect of clean environment. **(True)**
5. 'Bicing' is related to cycling. **(True)**

C. Give reasons for the following:-

1. Villages gradually grow to become small towns.

Ans. Villages gradually grow to become small towns because the all over the world is developing ,every one wants to develop ,for this they are doing very much hardwork .so the people of village also try to develop and hence villages gradually grow to become small towns.

2. Including a culture of cleanliness among the people is the first step in making cities clean.

Ans. It is because if people have a sense of cleanliness, they will keep their house, streets, locality and the city clean. people should adopt the culture of cleanliness so that it becomes an habit for them to

ensure that their surrounding is clean and they do not litter thus when everyone follows this slowly cities become clean.

3. When a metropolis becomes congested, satellite towns develop.

Ans. Satellite towns are smaller municipalities or town that are adjacent to a major city Satellite towns develop to settle the growing population of a metropolitan city. It thus reduce population pressure on the main city.

4. Transport plays an important role in the development of a city.

Ans. Transport plays an important role in the development of a city because it transport raw materials, finished goods and people from one place to the other within the city. It also connects the city to a larger city or a smaller town.

5. Smart cities will make the life of its people much easier.

Ans. A smart city has integration of various concepts, like urban planning, energy conservation, mobility and human management. It is expected that such cities will generate employment options for people to pursue their livelihood and interests meaningfully.

D. Match the following:-

- | | |
|-------------------|---|
| 1. Singapore | b. city monitored through sensors |
| 2. Barcelona | a. clean energy initiatives |
| 3. San Francisco. | d. smartparking and traffic system |
| 4. London | e. use Ribet Thames as a renewable source of energy |
| 5. Oslo | c. uses most of its waste as fuel |

E. Define the following:-

1. Urbanisation:- Urbanisation is the increase in the proportion of people living in towns and cities. Urbanisation occurs because people move from rural areas (countryside) to urban areas (towns and cities). This usually occurs when a country is still developing.

2. Satellite Town:- A satellite town or sattelite cirty refers to smaller metropolitan areas which are located somewhat near to but mostly independent of larger metropolitan areas.

3. Smart City:- A 'smart city' is one that uses digital technology solutions to enhance the standard of living of citizens in ways that are economical and eco-friendly.

4. Waste management:- It is the collection, transportation and disposal of garbage, sewage and other waste products. It is the process of treating solid wastes.

5. Biodegradable and non-biodegradable substances:- The term 'biodegradable' is used for those things that get decomposed naturally, such as food stuff, human and animal wastes, plant products and dead organisms.

The term 'non-biodegradable' is used for those things that do not breakdown or get decomposed naturally.

F. Answer the following questions:-

1. What is a mega-city? What has led to the growth of mega-cities?

Ans.1 An urban area of population greater than ten million people is known as a mega-city. A combination of factors has led to this growth including migration from rural areas, high fertility rates, and widening of the city's boundaries.

2. Why do satellite towns develop? Write any two important features of satellite towns.

Ans.2 The purpose of satellite cities is to provide a perfect balance between the population and resources, with respect to environment-friendly development.

Two important features of satellite towns are:-

- i. They are small or medium-sized cities near a large metropolis.
- ii. They are partially independent from the metropolis, economically and socially.

3. Explain why Faridabad is called as a satellite town and not Delhi.

Ans.3 Faridabad is the largest city in the north Indian state of Haryana. Further Delhi Metro will be extended to Ballabgarh and there are also because of more fallow land than Delhi. In Delhi year by year pollution is increased so it is also a major reason Faridabad is called a satellite town in Not Delhi.

4. What do you think are six most important features of a smart city? Give example of three smart cities in the world stating an important feature of each city. Name three Indian cities which are in the list of Smart City Plan.

Ans.4 Six most important features of a smart city must be:-

- i. Efficient land use
- ii. Adequate water supply
- iii. Assured electricity supply
- iv. Affordable housing for all, especially for the poor.
- v. Reduce congestion

vi. Minimal pollution levels

Three smart cities of the world with unique features are:-

1. Singapore.

Feature-City monitored through sensors.

2. Barcelona

Feature-Clean energy initiatives.

3. London

Feature-Use River Thames as a renewable source of energy.

Bhubaneswar, Pune and Jaipur are in the list of Smart City Plan.

5. Why do you think it is important to make the people aware about waste management? Suggest five measures to improve sanitation in the urban areas.

Ans.5 The most important reason for waste collection is the protection of the environment and the health of the population. Rubbish and waste can cause air and water pollution. Rotting garbage is also known to produce harmful gases that mix with the air and can cause breathing problems in people.

Five measures to improve sanitation in urban areas are as follows:

1. Enough paid toilets and washrooms.
2. Reward those who keep their surroundings clean including industrial houses.
3. City/district level waste recycling plants should be created.
4. Bring the latest technology in solid waste management.
5. Involve school children and NGOs for awareness campaign.

G. Picture-based question:-

Due to strict traffic measures, large number of cars and even two-wheelers remained stuck for over four to five hours on the border between Delhi and Gurugram. Traffic police officials said that the traffic congestion began from Sirhaul border, Dundaheera border and Aya Nagar border areas from early morning. Not only government even people must be aware to find the solutions and must follow the rules.