



Unit I

Fill in the Blanks

1. The first 20-year road development plan in India is known as the _____ **Road Plan.**
Answer: Nagpur
2. The Nagpur Road Plan covered the period from _____ to _____.
Answer: 1943, 1963
3. The second 20-year road development plan is called the _____ **Road Plan.**
Answer: Bombay
4. The Bombay Road Plan covered the period from _____ to _____.
Answer: 1961, 1981
5. The third 20-year road development plan is known as the _____ **Road Plan.**
Answer: Lucknow
6. The Lucknow Road Plan covered the period from _____ to _____.
Answer: 1981, 2001
7. Highways connecting major cities across India are called _____ **Highways.**
Answer: National
8. Roads connecting important cities within a state are called _____ **Highways.**
Answer: State
9. The organization responsible for the development and maintenance of National Highways is _____.
Answer: NHAI (National Highways Authority of India)
10. The standards for highway design in India are prepared by the _____.
Answer: IRC (Indian Roads Congress)
11. The Ministry responsible for road transport in India is the _____.
Answer: Ministry of Road Transport and Highways (MoRTH)
12. Roads connecting villages to nearby towns are called _____ **Roads.**
Answer: Village
13. Major roads connecting district headquarters are called _____ **District Roads.**
Answer: Major
14. Highway planning aims to improve _____ and transportation efficiency.
Answer: connectivity
15. The width of land acquired for a highway is known as the _____ **of Way.**
Answer: Right
16. The study of the number of vehicles using a road is called a _____ **Survey.**
Answer: Traffic Volume
17. The process of selecting the most suitable highway route is called _____.
Selection.
Answer: Route
18. Highway planning helps in reducing _____ **time.**
Answer: travel
19. Expressways are designed for _____-**speed** traffic.
Answer: high

20. Road planning supports the _____ development of a country.

Answer: economic

Multiple Choice Questions (MCQs) on Highway Road Planning in India

1. The first 20-year road development plan in India is known as:

- A) Bombay Road Plan
- B) Lucknow Road Plan
- C) **Nagpur Road Plan**
- D) Delhi Road Plan

Answer: C

2. The Nagpur Road Plan covered the period:

- A) 1950–1970
- B) **1943–1963**
- C) 1961–1981
- D) 1981–2001

Answer: B

3. The second 20-year road development plan is:

- A) Nagpur Road Plan
- B) Lucknow Road Plan
- C) **Bombay Road Plan**
- D) Vision 2021

Answer: C

4. The Bombay Road Plan covered the years:

- A) **1961–1981**
- B) 1943–1963
- C) 1981–2001
- D) 2001–2021

Answer: A

5. The third 20-year road development plan is called:

- A) Nagpur Road Plan
- B) Bombay Road Plan
- C) Delhi Road Plan
- D) **Lucknow Road Plan**

Answer: D

6. Which organization prepares highway standards in India?

- A) CPWD
- B) BRO
- C) **IRC**
- D) RDSO

Answer: C

7. NHAI stands for:

- A) National Highway Association of India
- B) National Highways Authority of India
- C) National Highway Administration of India
- D) National Highway Agency of India

Answer: B

8. National Highways are mainly maintained by:

- A) State Governments
- B) Municipal Corporations
- C) Panchayats
- D) **NHAI**

Answer: D

9. Which ministry is responsible for road transport in India?

- A) Ministry of Railways
- B) Ministry of Urban Development

- C) **Ministry of Road Transport and Highways**
- D) Ministry of Defence

Answer: C

10. Which highway category connects major cities across the country?

- A) Village Roads
- B) Major District Roads
- C) State Highways
- D) **National Highways**

Answer: D

11. State Highways connect:

- A) Villages only
- B) States to neighboring countries
- C) **Important cities within a state**
- D) Airports only

Answer: C

12. Roads connecting villages to nearby towns are called:

- A) Expressways
- B) National Highways
- C) State Highways
- D) **Village Roads**

Answer: D

13. The main objective of highway planning is to:

- A) Increase pollution
- B) Reduce road width
- C) **Provide safe and efficient transportation**
- D) Increase toll collection

Answer: C

14. The first road plan was prepared at:

- A) Mumbai
- B) Delhi
- C) Lucknow
- D) **Nagpur**

Answer: D

15. The Lucknow Road Plan covered the period:

- A) 1943–1963
- B) 1961–1981
- C) **1981–2001**
- D) 2001–2021

Answer: C

16. Expressways are designed mainly for:

- A) Slow traffic
- B) Animal traffic
- C) Mixed traffic
- D) **High-speed traffic**

Answer: D

17. Which survey is conducted to determine the number of vehicles using a road?

- A) Soil Survey
- B) Topographic Survey
- C) **Traffic Volume Survey**
- D) Geological Survey

Answer: C

18. Which of the following is not a category of roads in India?

- A) National Highways
- B) State Highways
- C) Village Roads
- D) **Air Highways**

Answer: D

19. Highway planning helps in:

- A) Increasing travel time
- B) Increasing accidents
- C) **Reducing transportation cost**
- D) Increasing fuel consumption

Answer: C

20. The Right of Way (ROW) refers to:

- A) Width of pavement only
- B) Width of median
- C) **Land acquired for the highway**
- D) Width of shoulder only

Answer: C