

RPSC-A.En

Main Examinations

CIVIL ENGINEERING

Mains Practice Workbook

PAPER - II

Highway Engineering & Survey

Booklet

11

Key Features: Includes

- ☞ **Include 2, 5 & 20 Marks Practice Problems**
- ☞ **Cover RPSC-AE Latest Syllabus & Pattern**
- ☞ **Workbook are design according to RPSC Pattern**

HIGHWAY & SURVEY

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— HIGHWAY —
HIGHWAY ENGINEERING

PART - A

Note : Each questions carries **2 marks**. Answer should not exceed **15 words**.

1. Define central road fund?

2. Define National Highway Act 1956?

3. Explain CRRI?

4. Write Short notes on Highway Research Board?

— SURVEY —
SURVEY ENGINEERING

PART - A

Note : Each questions carries **2 marks**. Answer should not exceed **15 words**.

1. What are the fundamental principles of land surveying?

2. Differentiate between systematic errors and accidental errors in survey work

3. What are the adjustments, when chain is too long?

When the chain is too long, it is adjusted by

- (a) Closing up the joints of the rings,
- (b) Hammering the elongated rings,
- (c) Replacing some old rings by new rings, and
- (d) Removing some of the rings.
