



C14-C-404

**4427**

**BOARD DIPLOMA EXAMINATION, (C-14)**

**OCT / NOV-2017**

**DCE-FOURTH SEMESTER EXAMINATION**

**SURVEYING- III**

Time : 3 Hours ]

[Total Marks : 80

**PART - A**

3 × 10 = 30

**Instructions :** (1) Answer **all** questions.  
(2) Each question carries **three** marks.  
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. What is Trigonometric Levelling? When is it used?
2. What is Tacheometric Survey? List the instruments needed for Tacheometry.
3. List out different methods of Tacheometric Survey.
4. State the types of Horizontal Curves.
5. Define the following terms (i) Back Tangent (ii) Apex distance (iii) Mid ordinate.
6. List out the Advanced Electronic Surveying instruments and Systems.
7. State the importance of GPS Receivers.
8. Define Photogrammetry and state its uses.
9. What do you understand by Total Station? State two advantages of Total Station.
10. State the types of Total Stations.

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