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Mahatma Education Society's

PILLAI'S COLLEGE OF ARCHITECTURE

Sector-16, Plot No.10, New Panvel- 410 206

SECOND YEAR B.ARCH: REPEATER EXAM 2011

SURVEYING AND LEVELLING

Date:- 22/7/2011

Time: 2 hrs

MAX.MARKS 50

- NOTES: 1) ALL QUESTIONS CARRY EQUAL MARKS.  
2) SOLVE ANY FIVE FULL QUESTIONS.  
3) SKETCHES ARE ESSENTIAL.

- Q.1) Write a detailed note on bearings in surveying.
- Q.2) Write a detailed note on 'Compass Traversing'.
- Q.3) Describe in detail 'Obstacles in Chain Surveying' & draw sketches.
- Q.4) What are 'Contours'. Write the characteristics of contours. Draw sketches for:  
i) Inclined Surface. ii) A dry lake. iii) A hillock
- Q.5) a) What is 'Plane Table Surveying'.  
b) State the names of four methods of Plane Table Surveying and describe with sketch, any one method.
- Q.6) a) Define 'Surveying' and state the objective of surveying.  
b) State and explain "Principles of Surveying".
- Q.7) Write a detailed note on 'Chain Surveying'.
- Q.8) What is 'Meridian' in Survey. State the types of meridians referred in Surveying.