

Total No. of Pages : 01

Total No. of Questions : 08

B. Architecture (2012 & Onwards) (Sem.-3)

SURVEYING AND LEVELLING – I

Subject Code : BACH-308

Paper ID : [A2054]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Question NO. 1 is COMPULSORY carrying TEN marks.
2. Attempt any FOUR questions from Rest. All questions carry EQUAL marks.

1. Answer the following :

- a) Name various obstacles in Channing.
 - b) How can you find local attraction at a station?
 - c) Name various equipments used in Plane Table Surveying.
 - d) Briefly explain Abney Level.
2. Explain the process of chaining in case of different types of obstruction.
 3. Draw a neat sketch of prismatic compass.
 4. Explain two point problems.
 5. a) Explain temporary adjustment of a level.
b) Discuss the methods of setting out of grade line.
 6. Explain any two method of contouring.
 7. Explain Box Sextant, Hand Level
 8. Explain Total Station and give its advantages & disadvantages.