

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (SUPPLEMENTARY),

DECEMBER-2015

B.Planning, I YEAR I SEMESTER

SURVEYING AND PHOTOGRAMMETRY (BPLN106)

Maximum Marks – 50

Time – 2.00 Hours

- a) Answer any Two questions out of 1 to 4 questions.
b) Question No.5 is compulsory and answer any four out of six sub questions.
c) Explain each question with neat sketches.
d) Calculators permitted.

- Q1. a) Draw any 10 Conventional symbols that are used in Preparation of Map. (10M)
b) Explain about the Direct and Indirect Ranging. (5M)
- Q2. a) Write the various types of Offsets in Chain surveying. (5M)
b) Explain the different types of obstacles in chain surveying with neat diagrams. (10M)
- Q3. a) Write the step by step procedure for calculating the area of a given field measurement using chain and cross staff. (10M)
b) Write the difference between whole circle bearing and quadrant bearing. (5M)
- Q4. a) Define i) RL ii) BS iii) IS iv) FS v) BM (5M)
b) The following consecutive readings were taken with a level and a 4m leveling staff on continuously sloping ground at a common interval of 30m 0.460 on A, 1.525, 2.695, 3.980, 0.825, 1.920, 2.950, 3.675, 0.865, 1.950 and 2.995 on B. The elevation of A was 152.485. Rule out a page of a level field book and enter the readings properly. (10M)
- Q5. Answer any four of the following (4x5=20M)
a) Pentagraph.
b) Representation of scale in preparation of a Map.
c) Applications of GIS.
d) Component parts of Total station.
e) Use of remote sensing images in planning.
f) Electronic Theodolite.