

Pramukh Swami Science and H.D. Patel Arts College, Kadi
CC- Agriculture and Soil Sciences
Internal Examination Semester III

Subject: AS-302 (Farm Layout, development, management and field plot technique)

Time: 2 hrs

Date: 3/11/2015

Marks: 40

Q-1. Select the appropriate answer from the following. (10*1=10)

1. It is art of determination of horizontal distance.
a. Surveying b. Leveling c. Chaining d. Ranging
2. Which survey, the earth's surface is considered as a plane.
a. Plane surveying b. Land surveying c. Agricultural survey d. Geodetic survey
3. It is the method of measuring distance with a chain or tape
a. Chaining b. Leveling a. Surveying d. Ranging
- 4..... Instrument used for marking survey station
a. Pegs b. Chain c. Tape d. Arrow
5. Instrument used for setting right angles.
a. Cross staff b. Chain c. Tape d. Arrow
6. 10 Gunter's chains =
a. 1 furlong b. 2 furlong
c. 3 furlong d. 4 furlong
7. 1 acre =.....
a. 10 square Guntur's chain b. 15 square Guntur's chain
c. 5 square Guntur's chain d. 20 square Guntur's chain
8. is commonly used for measuring fields in cadastral survey
a. Revenue chain b. Engineer's chain
c. Guntur's chain d. Metric chain
9. It is art of determining the relative heights
a. Surveying b. Leveling c. Chaining d. Ranging
10. Agricultural surveying is type of..... surveying
a. Plane b. Land c. Marine d. Geodetic

Q-2. Answer any 4 questions. Each question carries 05 marks. (4*5=20)

1. Define/Explain a. Surveying b. Leveling c. Elevation d. Datum
e. Foresight
2. Explain agricultural survey and write uses of survey.
3. Explain types of chain.
4. Enlist the instrument used in chain survey.
5. Explain geodetic and plane surveying.

Q-3. Answer any 1 questions. Each question carries 10 marks. (1*10=10)

1. Explain Dumpy level with figure.
2. Explain Leveling with its instruments.