

2022

GEOGRAPHY — HONOURS — PRACTICAL

Paper : CC-10P

(Soil and Biogeography)

Full Marks : 30

The figures in the margin indicate full marks.

1. Table 1 shows the number of Mourning Dove for 12 years in Ontario region of Canada following the route along Auburn. Draw a time series graph and analyse the trend by 4-year moving averages. Interpret the trend. 3+8+4

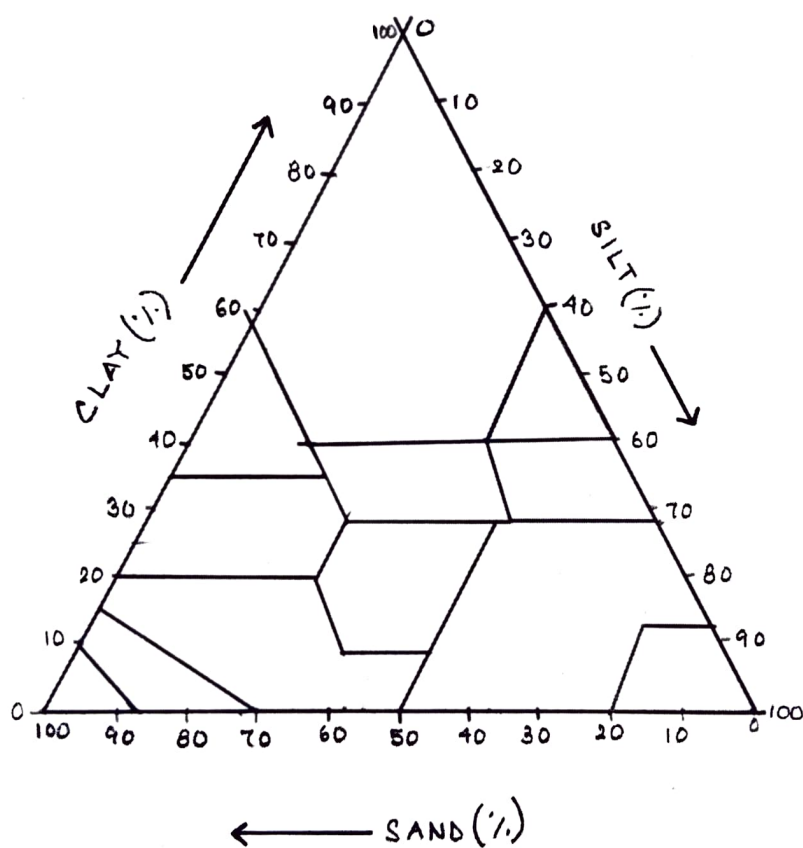
Table - 1

Years	Number
1970	5
1971	11
1972	12
1973	15
1974	25
1975	14
1976	18
1977	28
1978	32
1979	25
1980	30
1981	11

2. On the basis of following data, prepare a ternary diagram and interpret the soil texture. The given ternary diagram may be used as a guideline (figure. 1). 7+3

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Sl. No.	BOREHOLE	DEPTH (feet)	SAND (%)	SILT (%)	CLAY (%)
1	A	15	15.0	58.3	26.7
2	B	10	30.0	52.0	18.0
3	C	20	24.0	34.7	41.3
4	D	25	8.0	51.8	40.1
5	E	30	11.0	78.0	35.0



(Figure-1)

3. Viva voce on the basis of Laboratory Notebook.

(2)