

HONOURS COURSE: CORE SUBJECTS

2.20 GEO-A-CC-4-10-P – Soil and Biogeography Lab ✧ 30 Marks / 2 Credits

- E** 1. Determination of soil reaction (pH) and salinity using field kit [15] **E**
- A** 2. Determination of soil type by ternary diagram textural plotting [15] **B.P. (A)**
- G** 3. Plant species diversity determination by matrix method [10] **G**
- B** 4. Time series analysis of biogeography data [20] **B**
5. Viva-voce based on laboratory notebook (5 Marks)

FLUCTUATION OF TIGER KILLING OVER YEARS IN INDIA 1994-2014

YEARS TIGER KILLED

'94		95
'95		134
'96		52
'97		88
'98		39
'99		81
'00		52
'01		72
'02		46
'03		38
'04		38
'05	* COMPUTE AND	46
'06	DRAW TREND LINE	37
'07	BY LEAST SQUARE	27
'08	METHOD.	29
'09		32
'10	* DATA SOURCE	30
'11	WWW.GOOGLE.CO.IN	13
'12		32
'13		42
'14		23

ILLEGALLY TRAFFICKED TIGER (LIVE & DEAD) SEIZED GLOBALLY FROM 2000-2018

YEARS

TRAFFICKED
TIGERS

2000		92
'01		125
'02		56
'03		84
'04		77
'05		122
'06		95
'07		77
'08		198
'09		262
'10	* CALCULATE &	123
'11	DRAW SEMI	97
'12	AVERAGE METHOD	187
'13		101
'14	* DATA SOURCE	104
'15	WWW.GOOGL.E.CO.IN	85
'16		289
'17		86
'18		101

TIGERS KILLED IN 2010-2018 DUE TO POACHING IN INDIA

YEAR	NO. OF TIGER DIED
2010	30
2011	13
2012	32
2013	43
2014	23
2015	26
2016	50
2017	38
2018	34

* DO 5 YEARS MOVING AVERAGE
COMPUTE & DRAW

* DATA SOURCE:-

WWW.GOOGLE.CO.IN

LEOPARDS KILLED IN 2010-2018 DUE TO POACHING IN INDIA

YEAR	NO. OF LEOPARDS DIED
2010	184
2011	188
2012	140
2013	111
2014	118
2015	127
2016	154
2017	159
2018	169

* DO 3 YEARS MOVING AVERAGE.
COMPUTE & DRAW.

* DATA SOURCE :-

WWW.GOOGL.E.CO.IN