

2020

**4<sup>th</sup> SEMESTER GEOGRAPHY HONOURS**

**Paper: CC-10**

**(Soil Bio Geography Lab)**

*The figures in the margin indicate full marks*

*Candidates are required to give their answers in their own words as far as practicable*

**All questions are mandatory**

1. What is ternary diagram ? Define species diversity indices. 5
2. a. Draw a time series graph based on the given data. 4  
b. Compute and draw a trend line by Semi Average method. 3+3

| <b>Year</b> | <b>Number of Tigers</b> |
|-------------|-------------------------|
| 2001        | 3592                    |
| 2002        | 3642                    |
| 2003        | 3092                    |
| 2004        | 2742                    |
| 2005        | 2292                    |
| 2006        | 1411                    |
| 2007        | 1350                    |
| 2008        | 1495                    |
| 2009        | 1640                    |
| 2010        | 1706                    |

Source: Tiger Status Report 2019

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