



RAN-1243

B. Sc. Environment Science (SEM-VI) Examination

March / April - 2019

ENV-606 Ecoinformatics

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

1.

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

B. Sc. Environment Science (SEM-VI)

Name of the Subject :

ENV-606 Ecoinformatics

Subject Code No.: 1 2 4 3

Seat No.:

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Student's Signature

2. Figures to the right indicate full marks of the question
3. Draw neat and labeled diagrams whenever necessary

Q.1 Give specific answers:

12

1. What is Computational Ecology? Give its significance.
2. Define abbreviation: GIBF, PEaCE
3. Give full form of ASDI. What is its function?
4. Give two tools used for population study.
5. What is Ontologies? Give role of OBOE.
6. What is ELVIS? Which kind of services does it provide?

- Q.2** **Comment on/explain any two of the following:** **12**
1. Primary data collection is very important for researcher.
 2. For ecological data study visualization tools are necessary.
 3. Data management and integration is crucial in GBR.
- Q.3** **Attempt any two of the following:** **16**
1. Detail account on strategic concept of geospatial information.
 2. Give collaboration details of Kepler Project.
 3. Give details of Geospatial infrastructure database.
- Q.4** **Write short notes on any two of the following:** **10**
1. Functions of Eco Grid.
 2. GBR: synopsis and contributors.
 3. KBN
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