

**M. Sc. (Environment Science and Technology) Sem - II (CBCS) (2013
Course)/ DIPLOMA IN WILDLIFE CONSERVATION ACTION SEM
-II (CBCS) / M. Sc. (Wildlife Conservation Action) Sem – II (CBCS)
2015 Course : WINTER - 2018**

SUBJECT: BIODIVERSITY ASSESSMENT & CONSERVATION

Day: Tuesday
Date: 13/11/2018

W-2018-1230

Time: 10.00 AM TO 01.00 PM
Max. Marks: 60

N.B.:

- 1) Answer any **FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
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- Q.1** a) Explain various approaches to conservation. (06)
b) Describe various qualitative and quantitative assessment techniques used for mammals in wildlife studies? (06)
- Q.2** a) Explain viable population in wild animals? (06)
b) Write an elaborate note on indices used for species diversity. (06)
- Q.3** a) Explain how exotic species affect the habitat of wild animals. (06)
b) Explain various design criterias used in protected area. (06)
- Q.4** a) Explain Eco restoration? (06)
b) Importance of wildlife management plan in protected area. (06)
- Q.5** a) Explain various habitat management techniques used in India. (06)
b) How geospatial technologies help in wildlife management. (06)
- Q.6** Write short notes on any **THREE** of the following: (12)
a) Extinction rates
b) IUCN criteria for Protected Area
c) Gap analysis
d) Wildlife corridors
e) Unregulated tourism in PA's

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