

**POST GRADUATE DIPLOMA IN
SUSTAINABILITY SCIENCE (PGDSS)**

Term-End Examination

June, 2016

MSD-013 : SOCIO-CULTURAL SYSTEM

Time : 3 hours

Maximum Marks : 100

Note : Answer the following questions as per the instructions given in each section.

1. Answer the following in about 100 words
(Any 10). Each question carries **equal** marks. **10x2=20**
- (a) What is the primary objective of Basel Convention ? Where and when was it held ?
 - (b) Why do the Hunter gatherers of Arctic Region have short limb and compact bulky body size ?
 - (c) What is an associational institution ? Give an example.
 - (d) Who put forward the history of evolution of society ? Write main points on the evolution of society.
 - (e) What do you mean by ecological phase of development ?
 - (f) Define resources giving suitable examples.
 - (g) Define ecocosmology. Who coined the term 'ecocosmology' ?

- (h) What do you understand by balanced reciprocity ?
- (i) Define 'Gaia Hypothesis'. Name the scientist who put forward 'Gaia Hypothesis'.
- (j) Enumerate the causes of water pollution.
- (k) What do you understand by Intra-generational equity ?
- (l) Differentiate between sustainable knowledge and community knowledge.
- (m) What are occupational health hazards ?
- (n) What do you understand by 'Human Ecology' ?
- (o) What do you mean by social mobility ?

2. Answer the following in about 300 words (Any 8). Each question carries equal marks. $8 \times 5 = 40$

- (a) Write down important functions of forests.
- (b) What are the advantages of new fishing techniques ?
- (c) Why is shifting cultivation considered to be environmentally more sustainable than permanent cultivation ?
- (d) How did colonization lead to the disruption of ecosystem balance in the past ?
- (e) Explain the importance of urban agriculture with reference to Delhi.
- (f) What are the characteristics of humid tropical climate ? Mention some of the places coming under humid tropical climate.
- (g) What are the environmental risks associated with tourism ?

- (h) What are Human Rights ? Describe in brief.
- (i) Differentiate between environmental determinism and cultural determinism.
- (j) Discuss how Intellectual Property Rights can be applied to indigenous communities ?
- (k) What are the reasons for the recent increase in the cases of man-animal conflicts ?
- (l) Describe the merits and demerits of community forestry.

3. Answer in about 500 words (Any 4). Each question carries **equal** marks. **4x10=40**

- (a) How do traditional customs and rituals contribute towards forming sustainable societies ?
 - (b) Write a detailed note on the roles and responsibilities of human beings towards other living organisms.
 - (c) Explain the nature of man and environment relationship.
 - (d) What do you understand by environmentalism ? Explain the types of environmentalists' philosophies.
 - (e) Write a note on the tribal movements in relation to environment during colonial India.
 - (f) Define global warming. What human actions are responsible for it ?
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