

VI/BSW/603

2015
(6th Semester)
BACHELOR OF SOCIAL WORK

Paper: BSW-603

(Environmental Studies)

Full marks : 75

Time : 3 hours

(PART : B-DESCRIPTIVE)

(Marks : 50)

The figures in the margin indicate full marks for the questions

Answer any **five** questions, taking **one** from each unit.

UNIT – I

1. What is a natural resource? Give a detail account of the uses and over-exploitation of Forest resources.

2+8=10

Or

Write notes on:

5+5=10

- (a) Mineral Resources.
(b) Water Resources.

UNIT - II

2. What is the concept of Ecosystem. Give a detail account of the energy flow in the ecosystem.

2+8=10

Or

Describe food chain, food web and ecological pyramids with suitable examples and diagrams.

2+2+6=10

UNIT - III

3. Define biodiversity. Explain the threats and causes of loss of biodiversity.

2+8=10

Or

Give an account of any two of the following: 5x2=10

- (a) In-situ and ex-situ conservation
- (b) Biodiversity at the national and local level
- (c) Biogeographical classification of India

UNIT - IV

4. Define pollution. Write notes on the causes and control measures of urban and industrial wastes.

2+4+4=10

VI/BSW/603/2

Or

Explain the types of disaster with notes on the effects and control measures of-

5x2=10

- (a) Landslides
- (b) Floods

UNIT – V

5. Write notes on any two of the following:-

5x2=10

- (a) Rain-water harvesting
- (b) Wasteland Reclamation
- (c) Environmental Movements
- (d) Population growth

Or

Define sustainable Development. Write notes on the steps involved and the impact of shifting cultivation.

2+3+5=10

*****VI/BSW/603/3*****

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2015
(6th Semester)

BACHELOR OF SOCIAL WORK

Paper: BSW-603

(Environmental Studies)

(PART : A-OBJECTIVE)

(Marks : 25)

The figures in the margin indicate full marks for the questions

SECTION – A

Tick (✓) the correct answer in the brackets provided: 1x10=10

1. Non-renewable resources are

- (a) Exhaustible ()
- (b) Inexhaustible ()
- (c) Recyclable ()
- (d) None of these ()

2. Fossil fuels are 5
- (a) Renewable ()
 - (b) Non-renewable ()
 - (c) Inexhaustible ()
 - (d) None of these ()
3. The term ecology was first proposed and introduced in 6
1870 by German biologist
- (a) Ernst Haeckel ()
 - (b) E.P. Odum ()
 - (c) A.G. Tansley ()
 - (d) Ramdeo Mishra ()
4. A comparison of diversity between ecosystems is called
- (a) Alpha diversity ()
 - (b) Beta diversity ()
 - (c) Gamma diversity ()
 - (d) Ecosystem diversity ()

5. The anthropogenic sources of air pollution is
- (a) Pollen grains ()
 - (b) Incineration ()
 - (c) Vegetative Decays ()
 - (d) Forest fires ()
6. The Disaster Management Act was mandated at the state and district level in the year
- (a) 2004 ()
 - (b) 2005 ()
 - (c) 2006 ()
 - (d) 2007 ()
7. The biogeographical region of India is divided into-
- (a) 5 regions ()
 - (b) 7 regions ()
 - (c) 10 regions ()
 - (d) 15 regions ()

8. Which one is the correct food chain?
- (a) Phytoplankton Zooplankton Fish ()
 - (b) Zooplankton Phytoplankton Fish ()
 - (c) Grass Fish Phytoplankton Zooplankton ()
 - (d) Zooplankton Protozoan's Fish ()
9. Sustainable Development is introduced by
- (a) Norman Myer ()
 - (b) Brundtland ()
 - (c) UNCED ()
 - (d) Amrita Devi ()
10. Re-claiming of land to its original state or to use it for productive purposes is known as-
- (a) Watershed management ()
 - (b) Resettlement ()
 - (c) Wasteland Reclamation ()
 - (d) Sustainable development ()

SECTION - B

Write notes on the following:

3x5=15

1. Food resources

2. Distinguish between renewable and non-renewable resources with examples.

3. Hot-spots of biodiversity in India.

4. Causes and effects of Air Pollution.

VI/BSW/603/8

5. Carrying Capacity.

VI/BSW/603/9