

LESSON PLAN FORMAT

Name of the Assistant Professor JYOTI YADAV
 Subject lesson plan: 18 week (from 01/01/18 to 30/04/2018) Total working days =88

Subject: Environmental Science Class B.A. 1st

Week 1
 Unit 1 The Multidisciplinary Nature of Environmental Studies

Assignments :

Week 1	Day1	Date 01/01/2018
Definition, scope and importance		

Week 1	Day2	Date 02/01/2018
Need for public awareness		

Week 1	Day3	Date 03/01/2018
Revision and problem solving		

Week 1	Day4	Date 04/01/2018
Test of unit first		

Week 1	Day5	Date 05/01/2018
Holiday Guru Govind Singh Jayanti		

Week 1	Day6	Date 06/01/2018
Unit 2 Natural Resources		
Renewable and non renewable resources		
1 Natural Resources and associated problems		
a. Forest resources : Use and over-exploitation, deforestation, case studies , timber extraction, mining, dams and their Effects on forest and tribal people.		

Week 2	Day1	Date 08/01/2018
Conti.		

Week 2	Day2	Date 09/01/2018
Unit 2.1.		
b. Water resources: Use and over utilization of surface and ground water, floods, drought, conflicts over water, dams- Benefits and problems.		

Week 2	Day3	Date 10/01/2018
Unit 2.1.		
b. Water resources: Use and over utilization of surface and ground water, floods, drought, conflicts over water, dams- Benefits and problems.		

Week 2	Day4	Date 11/01/2018
1.c. Mineral resources: Use and exploitation, environment effects of extracting and using mineral resources, case studies		

Week 2	Day5	Date 12/01/2018
1.d. Food resources: World food problem, changes caused by agriculture and overgrazing, effect of modern agriculture, Fertilizer-pesticide problem, water logging. Salinity. Case studies.		

Week 2	Day6	Date 13/01/2018
Conti.		

Week 3	Day1	Date 15/01/2018
1.e. Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy Sources. Case studies.		

Week 3	Day2	Date 16/01/2018
1.e. Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy Sources. Case studies.		

Week 3	Day3	Date 17/01/2018
1.f. Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.		
Week 3	Day4	Date 18/01/2018
Cont.		
Week 3	Day5	Date 19/01/2018
2.Role of an individual in conservation of natural resources.		
Week 3	Day6	Date 20/01/2018
3. Equitable use of resources for sustainable lifestyles.		
Week 4	Day1	Date 22/01/2018
Holiday	Vasant Panchami	
Week 4	Day2	Date 23/01/2018
Revision and problem solving		
Week 4	Day3	Date 24/01/2018
Unit test		
Week 4	Day4	Date 25/01/2018
Chapter3: Natural Resources Unit3. Ecosystem a. Concept of an ecosystem		
Week 4	Day5	Date 26/01/2018
Holiday	Republic day	
Week 4	Day6	Date 27/01/2018
3.b. Structure and function of an ecosystem		
Week5	Day1	Date 29/01/2018
3.c. Producers, consumers and decomposers		
Week5	Day2	Date 30/01/2018
3.d. Energy flow in the ecosystem		
Week5	Day3	Date 31/01/2018
Holiday	Ravidas Jayanti	
Week5	Day4	Date 01/02/2018
3.e. Ecological succession		
Week5	Day5	Date 02/02/2018
3.f. Food chains, food webs and ecological pyramids.		
Week5	Day6	Date 03/02/2018
Revision and Solving Problem		
Week6	Day1	Date 05/02/2018
Unit Test		
Week6	Day2	Date 06/02/2018
3.g. Introduction Types, characteristic features, structure and function of the following ecosystem: 1. Forest ecosystem, 2. Grassland Ecosystem, 3. Desert Ecosystem ,4. Aquatic Ecosystem (ponds, stream, lakes, rivers, Oceans, estaunes		
Week6	Day3	Date 07/02/2018
Conti.		
Week6	Day4	Date 08/02/2018
Chapter 4. Unit 4: Biodiversity and Its Conservation 1. Introduction, definition: Genetic, species and ecosystem diversity		

Week6	Day5	Date 09/02/2018
4.2. Biogeographically classification of India		
Week6	Day6	Date 10/02/2018
Holiday Maharshi Dayanand Saraswati Jayanti		
Week7	Day1	Date 12/02/2018
4.3. Value of biodiversity: Consumptive use, productive use, social, ethical, aesthetic and option values.		
Week7	Day2	Date 13/02/2018
Holiday Maha shivratri		
Week7	Day3	Date 14/02/2018
4.4. Biodiversity at global, national and local levels.		
4.5. India as a mega-diversity nation.		
4.6. Hot-spot of biodiversity		
Week7	Day3	Date 15/02/2018
4.7 Threats to biodiversity: habits, poaching of wildlife, man-wildlife conflicts.		
Week7	Day4	Date 16/02/2018
4.8 Endangered and endemic species of India.		
Week7	Day5	Date 17/02/2018
4.9. Conservation of biodiversity: In-situ and ex-situ Conservation of biodiversity.		
Week7	Day6	Date 18/02/2018
Revision and Solving Problem		
Week8	Day1	Date 20/02/2018
Unit Test		
Week8	Day2	Date 21/02/2018
Chapter5		
Unit5: Environmental Pollution		
a. Definition		
Week8	Day3	Date 22/02/2018
5.b. Air Pollution		
5.c Water Pollution		
5.d. Soil Pollution		
Week8	Day4	Date 23/02/2018
5.e. Marine Pollution		
5.f. Noise Pollution		
5.g. Thermal Pollution		
Week8	Day5	Date 24/02/2018
5.h. Nuclear Hazards		
Week8	Day6	Date 25/02/2018
Revision and Solving Problems		
Unit Test		
Week9	Day1	Date 27/02/2018
Holiday University Holiday		
Week9	Day2	Date 28/02/2018
Holiday University Holiday		
Week9	Day3	Date 01/03/2018
Holiday University Holiday		
Week9	Day4	Date 02/03/2018
Holiday University Holiday		
Week9	Day5	Date 03/03/2018
Holiday University Holiday		

Week9 Holiday	Day6 University Holiday	Date 04/03/2018
Week10 Revision and Solving Problems	Day1	Date 06/03/2018
Week10 Unit test	Day2	Date 07/03/2018
Week10 5.1. Solid waste management, causes, effects and control measures of urban and industrial wastes.	Day3	Date 08/03/2018
Week10 5.2. Role of an individual in prevention of pollution.	Day4	Date 09/03/2018
Week10 5.3. Pollution case studies	Day5	Date 10/03/2018
Week10 Revision and Solving Problem	Day6	Date 11/03/2018
Week11 Unit test	Day1	Date 13/03/2018
Week11 5.4. Disaster management: Foods, earthquake, cyclone and landslides.	Day2	Date 14/03/2018
Week11 Cont.	Day3	Date 15/03/2018
Week11 Chapter6 Unit6: Social Issues and the Environment 6.1. From unsustainable to sustainable development.	Day4	Date 16/03/2018
Week11 Revision and Solving Problem	Day5	Date 17/03/2018
Week11 Unit Test	Day6	Date 18/03/2018
Week12 6.2. Urban problems related energy.	Day1	Date 20/03/2018
Week12 6.3. Water conservation rain water harvesting watershed management	Day2	Date 21/03/2018
Week12 6.4. Resettlement and rehabilitation of people its problems and concerns case studies.	Day3	Date 22/03/2018
Week12 Holiday Sahidi Divas	Day4	Date 23/03/2018
Week12 Revision and Solving Problem	Day5	Date 24/03/2018
Week12 Unit Test	Day6	Date 25/03/2018
Week13 6.5. Environmental ethies: issues and possible solutions.	Day1	Date 27/03/2018
Week13 6.6. Climate change. Global warming acid rain.ozone layer depletaion. Nuclear accidents And hotocaust.case studies	Day2	Date 28/03/2018
Week13 Holiday Mahavir Jayanti	Day2	Date 29/03/2018

Week13	Day3	Date 30/03/2018
Climate change. Global warming acid rain. ozone layer depletion. Nuclear accidents And hotspots. case studies		
Week13	Day4	Date 31/03/2018
Cont.		
Week13	Day5	Date 01/04/2018
Field Work3 To visit a local polluted land site		
Week13	Day6	Date 02/04/2018
Unit Test		
Week14	Day1	Date 04/04/2018
6.7. Wasteland reclamation.		
Week14	Day2	Date 05/04/2018
6.8. Consumerism and waste products.		
Week14	Day3	Date 06/04/2018
6.9 Environment protection Act		
Week14	Day4	Date 07/04/2018
6.10. Air (Prevention and Control of pollution) Act 6.11. Water (Prevention and Control of pollution) Act		
Week14	Day5	Date 08/04/2018
6.12. Wildlife Protection Act 6.13. Forest Conservation Act		
Week14	Day6	Date 09/04/2018
Unit Test		
Week15	Day1	Date 11/04/2018
6.14. Issues involved in enforcement of environmental legislation 6.15. Public awareness.		
Week15	Day2	Date 12/04/2018
Chapter 7 Unit 7. Human Population and the environment 1. Population Growth, variation among nations		
Week15	Day3	Date 13/04/2018
Holiday Vaishakhi		
Week15	Day4	Date 14/04/2018
Holiday Ambedkar Jayanti		
Week15	Day5	Date 15/04/2018
Field work 4 To Study common Flora species		
Week15	Day6	Date 16/04/2018
Unit Test		
Week16	Day1	Date 18/04/2018
Holiday		
Week16	Day2	Date 19/04/2018
7.2. Population explosion-family welfare program		
Week16	Day3	Date 20/04/2018
7.3. Environment and human health		
Week16	Day4	Date 21/04/2018
7.4. Human rights		

Week16 Field work 5 To Study common fauna species	Day5	Date 22/04/2018
Week16 Unit Test	Day6	Date 23/04/2018
Week17 7.5. Value Education	Day1	Date 25/04/2018
Week17 7.6. HIV Aids	Day2	Date 26/04/2018
Week17 7.7. Women and child Welfare	Day3	Date 27/04/2018
Week17 7.8. Role of information technology in environment and human health	Day4	Date 28/04/2018
Week17 7.9. Cause Studies	Day5	Date 29/04/2018
Week17 Test	Day6	Date 30/04/2018