

Unit 2 - Week 1

Course outline
How to access the portal?
Week 1 <ul style="list-style-type: none"> Lecture 1 : Introduction to the Issue of Sanitation Lecture 2 : Overview of Sanitation in the country Lecture 3 : Centralised or Decentralised? Lecture 4 : Need for Participatory Planning Lecture 5 : Context setting for the Alappuzha Project Lecture 6 : Environmental Policy Lecture 7 : Environmental Impact Assessment 2006 and National Urban Sanitation Plan Lecture 8 : Environmental Governance - Challenges and Alternatives
Quiz : Assignment 1 <ul style="list-style-type: none"> Assignment Solutions 1 Weekly Feedback
Week 2
Week 3
Week 4
Live Sessions
Download Videos
Text Transcripts

Assignment 1

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-08-14, 23:59 IST.

This tests your understanding of fundamentals in sanitation sector and environmental policy and governance in India.

- During the industrial revolution, which all factors below contributed to establishment of Sewage Treatment Plants (STPs) and sewerage network? 1 point
 - Influx of labour leading to cities becoming filthy
 - Improper waste management leading to epidemics and public health hazard
 - Lack of demand for human waste due to the introduction of chemical fertilizers in the market
 - All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above
- Colonisation has impacted sanitation in countries like India in the following ways 1 point
 - Led to popularization of decentralized sanitation solution in developing countries
 - Created disparity in sanitation provision by restricting it to cantonments and British settlements
 - Improved the sanitation situation in cities as well as towns
 - Colonisation had no impact on sanitation

No, the answer is incorrect.
Score: 0
Accepted Answers:
Created disparity in sanitation provision by restricting it to cantonments and British settlements
- Out of the following which one is not a feature of emergent or decentralized sanitation solution? 1 point
 - Waste water is treated close to its source of generation
 - Resource intensive
 - Flexible and contextually adapted systems
 - Use little to no water

No, the answer is incorrect.
Score: 0
Accepted Answers:
Resource intensive
- Which of the following is On-Site Sanitation (OSS) Systems? 1 point
 - Soak pit
 - Sewage treatment plant
 - Septic tank
 - Faecal sludge treatment plant

No, the answer is incorrect.
Score: 0
Accepted Answers:
Soak pit
Septic tank
- The following statement is True or False.
Grey water is the waste water generated from bathroom and kitchen. 1 point
 - True
 - False

No, the answer is incorrect.
Score: 0
Accepted Answers:
True
- The sanitation zones are demarcated by taking into consideration the following 1 point
 - Socio-economic parameters
 - Wastewater sheds
 - Ward Boundary

No, the answer is incorrect.
Score: 0
Accepted Answers:
Socio-economic parameters
Wastewater sheds
- Waste generated must be treated in the lowest and most immediate level. Only that which is not possible to be treated at household level must be passed on to the community and the Urban Local Bodies (ULBs). This principle is known as 1 point
 - Principle of additionality
 - Polluter pays principle
 - Principle of subsidiarity
 - All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Principle of subsidiarity
- At national level planning the environmental externalities of development projects first reflected in 1 point
 - Second Five Year Plan
 - Third Five Year Plan
 - Fourth Five Year Plan
 - Fifth Five Year Plan

No, the answer is incorrect.
Score: 0
Accepted Answers:
Third Five Year Plan
- The environmental externalities were first understood in context of 1 point
 - Air pollution in cities
 - Water pollution in cities
 - Solid Waste pollution in cities
 - All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Water pollution in cities
- The requirement to conduct Environmental Impact Assessment (EIA) of development projects introduced in India 1 point
 - 1977
 - 1982
 - 1994
 - None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
1977
- The Environmental Impact Assessment (EIA) falls under the aegis of 1 point
 - Forest Conservation Act, 1980
 - The Air (Prevention And Control Of Pollution) Act, 1981
 - The Environment (Protection) Act 1986
 - All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
The Environment (Protection) Act 1986
- Act/law/notification that places responsibility particularly on domestic polluters for managing their own waste 1 point
 - EIA -1994
 - EIA-2006
 - Environment (Protection) Act 1986
 - All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
EIA-2006
- Nodal agency to monitor and regulate pollution at city level 1 point
 - State Pollution Control Board
 - Municipal Corporation/ Municipal Council/Gram Panchayats
 - Both

No, the answer is incorrect.
Score: 0
Accepted Answers:
State Pollution Control Board
- What does Article 48 A of 42nd Constitutional Amendment Act (1976) signify? 1 point
 - Environment (protection/conservation) added into the list of fundamental duties of citizens
 - Environment became part of the State Directive Principles
 - All of the above
 - None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Environment became part of the State Directive Principles
- As per 74th Constitutional Amendment Act (1992) the third tier of governance has been made responsible for managing solid waste and sanitation. What does third tier include? 1 point
 - Municipal Council
 - Municipal Corporation
 - Nagar Panchayat
 - Gram Panchayat

No, the answer is incorrect.
Score: 0
Accepted Answers:
Municipal Council
Municipal Corporation
Nagar Panchayat
- The compensation against environmental negligence can be sought under which of the following 1 point
 - Polluters Pay Principle
 - Absolute Liability Principle
 - All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Absolute Liability Principle
- The following statement is True or False. 1 point

Solid waste management and sanitation subjects have always been handled by the Ministries concerning urban development sector.

 - True
 - False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False
- Environmental Impact Assessment Notification (2006) is about 1 point
 - Norms and vigilance
 - Self regulation and encourages adoption of green practices

No, the answer is incorrect.
Score: 0
Accepted Answers:
Norms and vigilance
- Zero Liquid Discharge (ZLD) approach might be of less relevance for smaller establishments because 1 point
 - Financial viability issues
 - 100% utilization of treated effluent is difficult
 - Both
 - None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Both
- The following statement is True or False. 1 point

In case of violation of environmental standards the State Pollution Control Board can request utility providers to cut electricity and water supply to residential properties.

 - True
 - False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False
- National Urban Sanitation Policy (NUSP-2008) views sanitation issue 1 point
 - As a stand-alone concern
 - Interlinked with solid waste management
 - Interlinked with access to safe drinking water supply
 - Interlinked with public health

No, the answer is incorrect.
Score: 0
Accepted Answers:
Interlinked with solid waste management
Interlinked with access to safe drinking water supply
Interlinked with public health
- NUSP -2008 suggests cities to develop city sanitation plans (CSPs) as per their need and capacity. Such approach should lead to adoption of 1 point
 - Mixed technological options and models
 - Centralised sewerage network to connect all
 - Decentralised sewage treatment model

No, the answer is incorrect.
Score: 0
Accepted Answers:
Mixed technological options and models
- The following statement is True or False. 1 point

The Service level Benchmarks (SLBs) suggest adoption of only sewerage networks to reach sanitation goal of 100% coverage.

 - True
 - False

No, the answer is incorrect.
Score: 0
Accepted Answers:
False
- The capital cost of laying sewerage system would be higher for 1 point
 - Small and less dense city
 - Big and more dense city
 - Both

No, the answer is incorrect.
Score: 0
Accepted Answers:
Small and less dense city
- As per NUSP-2008 the CSPs should be developed in 1 point
 - Top-down manner
 - NGOs led
 - Participative and consultative manner

No, the answer is incorrect.
Score: 0
Accepted Answers:
Participative and consultative manner