

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION, 2020
SEMESTER: I**

Time: 12.00 Noon

Full Marks: 20

Paper: CC-I

1. Discuss different theories of earth origin [10]
2. Discuss rock formation [10]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION, 2020
SEMESTER: I**

Time: 12.00 Noon

Full Marks: 20

Paper: CC-II

1. Discuss the rules of thermodynamics [10]
2. Discuss composition of atmosphere [10]

**NabadwipVidyasagar College
Department of Environmental Science
Internal Examination, 2020**

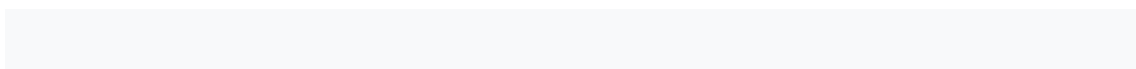
SEMSTER I

COURSE: ABILITY ENHANCEMENT COMPULSORY COURSE (Code: UG-ENVS-H-AECC-01)

SUBJECT: ENVIRONMENTAL STUDIES

F.M: 10

1. Write a short note ecosystem. Describe food chain and food web. (5+5)
2. বাস্তুতন্ত্রের উপর সংক্ষিপ্ত কালেখ। খাদ্য শৃঙ্খল ও খাদ্য জাল কবর্ণনাকরো।
(5+5)



NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION 2021
Semester II

Time: 12.00

Full Marks: 20

Paper: CC04

1. Write causes and impacts of deforestation. 10
2. Write about causes and impact of habitat loss in biodiversity. 10

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION 2021
Semester II

Time: 12.00

Full Marks: 20

Paper: CC 03

1. Write the causes of surface and ground water pollution. 10
2. Brief ecological significance of wetland. 10

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION

Time: 12.00

Full Marks: 20

Paper: IV

1. Define LD50 of environmental contaminants [1]
2. Discuss chemicals and biological factors influencing toxicity [10]
3. Give an account of fluorosis in Bengal [5]
4. What is bioassay method for toxicity determination [4]

NabadwipVidyasagar College
Department of Environmental Science
Internal Examination, 2021

SEMSTER II

COURSE: ABILITY ENHANCEMENT COMPULSORY COURSE (Code: UG-ENVS-H-AECC-02)

SUBJECT: ENVIRONMENTAL STUDIES

F.M: 10

3. Describe the causes and impact of water pollution. (5+5)

জন দূষণের কারণ ও ফলাফলবর্ণনাকরুন. (5+5)

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION

Date:

Time: 12.00

Full Marks: 20

Paper: V

1. What is ISO 14000, describe it's importance [5]
2. Discuss the detail EIA process for a proposed coal mine [10]
3. What is EMP [1]
4. Describe matrix of EIA documentation [4]

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION

Date:

Time: 12.00

Full Marks: 20

Paper: V

1. Describe different types of satellite [5]
2. Discuss the application of GIS [10]
3. What is RADAR [1]
4. How RS/GIS help in natural resource conservation? [4]

NABADWIP VIDYASAGAR COLLEGE

**DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:

Time: 12.00

Full Marks: 20

Paper: V

1. What is lentisol? [2]
2. Discuss the causes and consequences of soil pollution [8]
3. Define soil productivity. why it is important in environmental management [10]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 20
Paper: VII

1. Discuss NEP [10]
2. Write a note on Ramsar convention [5]
3. Discuss about silent valley movement [5]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 20
Paper: VII

1. Discuss Cost-effectiveness analysis [10]
2. Write a note on positive and negative externality [5]
3. Discuss the eco mark [5]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 20
Paper: VII

1. What is primary and secondary data, median, mode, [5]
2. What are the basic consideration in population sampling [5]
3. Discuss the Lotka-Volterra model for prey predator relationship [10]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 15
Paper: VIII

1. Name the causal organism of cholera [1]
2. Write a note on PCR [10]
3. What is RFLP [4]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 20
Paper: VIII

1. Discuss how the changes of human life style affects environment [10]
2. Write a societal responsibility to manage any ecosystem [10]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 20
Paper: VIII

1. Write the basic theories of green technology [10]
2. Write a note on air pollution abatement technologies [10]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 15
Paper: IX

1. Distinguish between conventional and non-conventional energy [4]
2. Write aims and objectives of an energy Audit [10]
3. Define tidal energy [1]

**NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 15
Paper: IX

1. Define gravimetry [2]
2. Write a note on gel electrophoresis technique [10]
3. What is radioactivity detection technique [3]

**NABADWIP VIDYASAGAR COLLEGE
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INTERNAL EXAMINATION**

Date:
Time: 12.00
Full Marks: 20
Paper: IX

1. What is forest resource, classify resource [8]
2. Write a note on the role of tribal community in maintaining ecosystem function [10]
3. What are the characters of waste lands [2]

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION
SEM - V

Date:
Time: 12.00
Full Marks: 20
Paper: CC- 11

1. Write about structural forms and characteristics of rRNA, mRNA, tRNA; SnRNA, Si RNA, miRNA, hnRNA.
2. Describe different types and factors of bioremediation.

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION
SEM - V

Date:
Time: 12.00
Full Marks: 20
Paper: CC- 12

1. Give a brief about Lamarck's concept of evolution and Darwin's Evolutionary theory.
2. Write about evolution of geographic patterns of diversity.

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION
SEM - V

Date:
Time: 12.00
Full Marks: 20
Paper: DSE1

1. Brief about pesticide classification. Write about biological health effects of organochlorine pesticides.
2. Write about toxic effects of lead, cadmium, chromium, mercury, arsenic.

NABADWIP VIDYASAGAR COLLEGE
DEPARTMENT OF ENVIRONMENTAL SCIENCE
INTERNAL EXAMINATION
SEM - V

Date:

Time: 12.00

Full Marks: 20

Paper: DSE2

1. Write about Secondary and tertiary stages of water treatment plant.
2. Discuss hazardous and non-hazardous waste and effect on air, water and soil.

NABADWIP VIDYASAGAR COLLEGE
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INTERNAL EXAMINATION
SEM - VI

Date:

Time: 12.00

Full Marks: 20

Paper: 13

1. Role of Ministry of Environment, Forests & Climate Change in environmental law and policy making.
2. Write about Ramsar convention, 1971 and Stockholm Conference 1972

NABADWIP VIDYASAGAR COLLEGE
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INTERNAL EXAMINATION
SEM - VI

Date:

Time: 12.00

Full Marks: 20

Paper: 14

1. Write about town planning Acts and their environmental aspects.
2. Brief - Urban planning and its environmental aspects from historical and contemporary perspectives.

NABADWIP VIDYASAGAR COLLEGE
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INTERNAL EXAMINATION
SEM - VI

Date:

Time: 12.00

Full Marks: 20

Paper: 14

1. Write about principle and applications of Titrimetric, gravimetric, potentiometric, nephelometry, turbidimetry.
2. Brief about techniques for measurement of noise level.