



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର, ଓଡ଼ିଶା  
Odisha State Open University, Sambalpur, Odisha  
Established by an Act of Government of Odisha.

# ASSIGNMENTS

SESSION:2019-20

Ability Enhancement Compulsory Course (AECC)

## *ENVIRONMENTAL STUDIES*

Course Code:AECC-1

### **SUBMISSION DATES FOR ASSIGNMENTS**

S.N	Course Code	Course Title	Last Date of Submission
1	AECC-01	ENVIRONMENTAL STUDIES	Sunday, 20 <sup>th</sup> October, 2019

Please read the instructions carefully before attempting assignment questions.

## INSTRUCTIONS FOR DOING ASSIGNMENTS

Dear Learner,

You are required to submit your assignment response within the stipulated time in order to become eligible to appear in the term-end examination. The assignments will be evaluated by the counsellors at your Study Centre. Please submit your assignment response to the Coordinator of your Study Center. For a 4 credit course, there is one Assignment and for 6/8 credit course, there must be minimum 02(two) Assignment.

### Purpose of Assignments:

1. Assignments are part of the continuous evaluation process in Open and Distance Learning (ODL) system. Due weightage is given to the marks/grades you obtain in assignments. This will help you for better performance in the term-end examination. If you secure good grades/marks in assignments, your overall performance will improve.
2. Assignments are also a part of the teaching-learning process in the ODL system. Your assignment, after evaluation, will be returned back to you with specific and general comments by the evaluator. This will help you to know your strength as well as your weakness. Thus, it will establish two-way communication between learner and evaluator.

### How to Write Assignments:

Please read the instructions for writing the response of an assignment before you start writing your answer.

1. Write your name, programme code, the course title, enrolment no. and study centre name with code in the top sheet of the assignment answer booklet. The format is given below.

PROGRAMME TITLE: \_\_\_\_\_

ENROLMENT No.: \_\_\_\_\_ NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

COURSE CODE: \_\_\_\_\_ COURSE TITLE: \_\_\_\_\_

ASSIGNMENT CODE: \_\_\_\_\_ STUDY CENTRE: \_\_\_\_\_

DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

2. Before attempting the assignments, please go through the course materials carefully, understand the same and write answers in your own language and style.
3. Write the answers in your own handwriting. Give sufficient margin in the left side of each page so that the evaluator will give comments on each paragraph/page.
4. Your handwriting should be neat and readable.

### Weightage for each Assignments:

1. Each Theory Assignment will carry 25% weightage and term-end examination will carry 75% weightage.
2. Each assignment will be of 100 marks. But it will carry 25% weightage.
3. You have to score minimum pass mark i.e. 40% or P (Pass) Grade in 10-point scale for each assignment. In case you do not submit the assignment or get fail mark in the assignment you have to re-submit in the next year.

# ENVIRONMENTAL STUDIES (AECC-1)

Full Mark – 100

(Answer all the questions, which is Compulsory)

## GROUP- 'A'

Q. No. 1 Answer in one word or one sentence.

Marks: 1 X 10= 10

- a) Name the words from which “ Ecology” is derived.  
ପରିବେଶ ବିଜ୍ଞାନ ଶବ୍ଦଟି କେଉଁ ଶବ୍ଦରୁ ଆସିଅଛି ?
- b) Write two Biotic component and Abiotic component of the Environment.  
ପରିବେଶର ଦୁଇଟି ସଜୀବ ଏବଂ ନିର୍ଜୀବ ଉପାଦାନର ନାମ ଲେଖ ।
- c) Which substance is responsible for Minamata disease.  
କେଉଁ ବସ୍ତୁ ଯୋଗୁଁ ମିନାମାତା ରୋଗ ହୋଇଥାଏ ?
- d) Write two names of Non-communicable disease. ଦୁଇଟି ଅଣସଂକ୍ରମିତ ରୋଗର ନାମ ଲେଖ ।
- e) Write the names of two Renewable Resources. ଦୁଇଟି ନବୀକରଣଯୋଗ୍ୟ ସମ୍ପଦର ନାମ ଲେଖ ।
- f) Write one cause of “Blue baby syndrome”. ନୀଳଶିଶୁ ରକ୍ଷଣାବଳୀର କାରଣ ଲେଖ ।
- g) Write the full form of IUCN. ଆଇ ୟୁ ସି ଏନ୍ ର ପୂରାନାମ ଲେଖ ।
- h) Where was the Chipko Movement started ? ଚିପକୋ ଆନ୍ଦୋଳନ କେଉଁଠାରେ ଆରମ୍ଭ ହୋଇଥିଲା ?
- i) Write two names of Natural disaster. ଦୁଇଟି ପ୍ରାକୃତିକ ବିପର୍ଯ୍ୟୟର ନାମ ଲେଖ ।
- j) Name two articles of Indian Constitution which state about Environment protection. ଭାରତୀୟ ସମ୍ବିଧାନର ଦୁଇଟି ଅନୁଚ୍ଛେଦ ଲେଖ ଯାହା ପରିବେଶ ସୁରକ୍ଷା ବିଷୟରେ କୁହାଯାଇଛି ।

## Group 'B'

Q.No 2. Define the following words

Marks: 2X10 =20

- |                   |                |                          |                  |
|-------------------|----------------|--------------------------|------------------|
| a) Hydrosphere    | ବାୟୁମଣ୍ଡଳ      | f) Eutrophication.       | ଯୁଟ୍ରୋଫିକେସନ୍    |
| b) Food chain     | ଖାଦ୍ୟ ଶୃଙ୍ଖଳ   | g) Earthquake.           | ଭୂକମ୍ପ           |
| c) Nitrogen cycle | ନାଇଟ୍ରୋଜନ ଚକ୍ର | h) Communicable disease. | ସଂକ୍ରମଣ ରୋଗ      |
| d) Urbanization   | ସହରୀକରଣ        | i) Soil Pollution.       | ମୃତ୍ତିକା ପ୍ରଦୂଷଣ |
| e) Decomposers    | ଅପଘଟକ          | j) Environment Act.      | ପରିବେଶ ନିୟମ      |

## Group 'C'

Q.No 3. Medium answer-type Questions (Word Limit: 75 Words)

Marks: 3 X 10 = 30

- a) Give a brief account on Atmosphere.  
ସଂକ୍ଷେପରେ ବାୟୁମଣ୍ଡଳ ବିଷୟରେ ବର୍ଣ୍ଣନା କର ।
- b) What do you mean by food chain and food web ?  
ଖାଦ୍ୟ ଶୃଙ୍ଖଳ ଏବଂ ଖାଦ୍ୟ ଜାଲି କହିଲେ କ'ଣ ବୁଝ ?

- c) Mention any four factors for increase in population of an area.  
କୌଣସି ଅଞ୍ଚଳର ଜନସଂଖ୍ୟା ବୃଦ୍ଧିର ଚାରୋଟି କାରଣ ଉଲ୍ଲେଖ କର ।
- d) Classify Natural resources based on their origin and distribution.  
ଉତ୍ପତ୍ତି ଓ ବିତରଣ ଦୃଷ୍ଟିରୁ ପ୍ରାକୃତିକ ସମ୍ପଦଗୁଡ଼ିକୁ ଶ୍ରେଣୀ ବିଭାଗ କର ।
- e) What do you mean by Global warming ?  
ଜଗତୀୟ ଉତ୍ତପ୍ତୀକରଣ କ'ଣିଲେ କ'ଣ ବୁଝ ?
- f) Define Water pollution. What are the causes of water pollution ?  
ଜଳ ପ୍ରଦୂଷଣ କ'ଣ ? ଜଳ ପ୍ରଦୂଷଣର କାରକଗୁଡ଼ିକ ଉଲ୍ଲେଖ କର ।
- g) Write a brief account on deforestation.  
ଜଙ୍ଗଲକ୍ଷୟ ଉପରେ ସଂକ୍ଷିପ୍ତ ବିବରଣୀ ପ୍ରଦାନ କର ।
- h) What are the causes of Tsunami ?  
ସୁନାମି ହେବାର କାରଣ କ'ଣ ?
- i) Write the salient features of Environmental Protection Act.  
ପରିବେଶ ସୁରକ୍ଷା ନିୟମର ମୁଖ୍ୟ ବୈଶିଷ୍ଟ୍ୟଗୁଡ଼ିକ ଲେଖ ।
- j) Write the functions of Central Pollution Control Board.  
କେନ୍ଦ୍ରିୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ଼ର ଉଦ୍ଦେଶ୍ୟ ଲେଖ ।

#### Group 'D'

**Q.No 4.Long answer-type Questions (Word Limit: 500 Words)**

**Marks: 10 X 4 = 40**

- a) Give an account of Carbon Cycle.  
ଅଙ୍ଗାରକ ଚକ୍ରର ଏକ ବିବରଣୀ ପ୍ରଦାନ କର ।
- b) Give an account of Non-Communicable diseases.  
ଅଣସଂକ୍ରାମକ ରୋଗ ସମ୍ବନ୍ଧରେ ଏକ ବିବରଣୀ ପ୍ରଦାନ କର ।
- c) Discuss Noise Pollution and its Solution.  
ଶବ୍ଦ ପ୍ରଦୂଷଣ ଓ ଏହାର ସମାଧାନ ଆଲୋଚନା କର ।
- d) Describe the role of women in the Environmental movements in India.  
ଭାରତରେ ପରିବେଶ ଆନ୍ଦୋଳନରେ ମହିଳାମାନଙ୍କର ଭୂମିକା ନିର୍ଣ୍ଣୟ କର ।

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