

# 17. Environmental Education

## Course Content

### Unit I Environmental problems and Sustainable Development in Nepal

(20 teaching hours)

1. Interrelationship between development and environment.
2. Principles of sustainable development.
3. Environmental stewardship and sustainable development.
4. Unique features of environment of Nepal-physiographic, climatic, biotic variations
5. Cultural heritage of Nepal
6. Major environmental problems in Nepal and their effects.
7. National policy on environment and environmental education.
8. Role of environmental education in sustainable development.

### Unit II Environmental Sanitation

(20 teaching hours)

1. Introduction
2. Causes and effects of poor sanitation
3. Communicable diseases-airborne diseases, food- and water-borne diseases, their preventive and control measures
4. Solid Waste: Definition of solid waste, sources and types of solid waste, composition of municipal solid wastes in Nepal, hazardous waste, solid wastes management and safe disposal.

### Unit III Environment related institutions in Nepal

(15 teaching hours)

Role, scope and activities of the following institutions on environmental protection:

1. **National institutions:**  
Ministries of Population and Environment, forest and soil Conservation,, Industries, health and Solid waste management and resource Management Centre/HMG
2. **International agencies:**  
World Wide Fund for Nature (WWF), UNEP, IUCN-the World Conservation Union, International Centre for Integrated Mountain Development (ICIMOD), United Nations Environment Protection (UNEP)

### Unit IV School level Environment curriculum in Nepal

(15 teaching hours)

1. Meaning and definition of environmental curriculum
2. Importance of environmental education curriculum
3. Objectives and scope of environmental education curriculum
4. Environmental education in Nepal.
5. Overview of primary and lower secondary level curriculum on environment in terms of objective and content (sequence and scope)

### Unit V Methods of Teaching Environmental Education

(20 teaching hours)

1. Concept, philosophy/maxim, selection and principles of teaching methods of environmental education.
2. Factors determining choice of method
3. Concept focused teaching methods: lecture, discussion, demonstration, inquiry, experiments, question answer and seminar.
4. Activity focused teaching methods: role-play, audio-visual presentation, informational materials development projects, creative arts, environmental games and field trip.

### Unit VI Materials and Media for Teaching Environmental Education

(30 teaching hours)

1. Concept, importance and selection of materials and media for environmental education.
2. Various types of materials and media used in teaching environmental education.
3. Criteria for selection of educational materials and media.
4. Preparation and use of materials for teaching environmental education.
5. Sources of educational materials and media.

### Unit VII Planning and Evaluation of Teaching Environmental Education

(30 teaching hours)

1. Concept and importance of planning of teaching.
2. Planning of teaching environmental education.
  - (a) Annual Plan
  - (b) Unit Plan
  - (c) Lesson Plan: i). Objectives, (affective, psychomotor, and cognitive domain) ii). Instructional material iii).Activities iv). Evaluation

3. Various methods of evaluation of teaching of environmental education  
(a) Formative (b) Summative
4. Tools of evaluation of teaching of environmental education.  
(a) Test (b) Observation  
(c) Records (Anecdotal and cumulative)
5. Test construction and making schemes.

**Evaluation scheme:**

This course consists of 100 full marks, which will be divided into 90 marks for theoretical and 10 marks for practical learning. The pass marks will be 32 for theoretical and 4 marks for practical evaluation. The scheme of evaluation will be as follows:

Theory: (a) subjective questions (long and short questions) 90 marks

Note: Questions should cover all the units included in the course proportionately.

Practical: Field report: 5 marks Indoor practical and viva:

5 marks

**MODEL QUESTION**

[HSEB Examination 2072 (2015)]

Time: 3 hrs.

Full Marks:- 90

Pass Marks:- 32

**समूह 'क' (Group 'A')**

(अति सङ्क्षिप्त उत्तरात्मक प्रश्नहरू/Very short answer questions)

कुनै पाँच प्रश्नको उत्तर दिनुहोस् । Attempt any five questions:

5×2=10

१. वातावरणीय स्याहार भनेको के हो ?  
What is meant by environment stewardship? [From Unit I]
२. नसर्ने रोगबारे परिचय दिनुहोस् । Introduce non-communicable diseases. [From Unit II]
३. पाठ्यक्रमको परिभाषा दिनुहोस् । Define the curriculum. [From Unit IV]
४. वातावरण शिक्षामा प्रश्नोत्तर विधि भन्नाले के बुझिन्छ ?  
What do you understand by questions-answer method in environment education?  
[From Unit V]
५. वातावरण शिक्षा शिक्षणमा प्रयोग हुने शैक्षिक सामग्रीहरूमध्ये कुनै पाँचको सूची बनाउनुहोस् ।  
Make a list of any five educational materials used in environment education instruction. [From Unit VI]
६. वातावरण शिक्षामा योजनाको विशेषता लेख्नुहोस् ।  
Write characteristics of planning in environment education. [From Unit VII]
७. तुलनात्मक प्रश्न भन्नाले के बुझिन्छ ? प्रस्ट्याउनुहोस् ।  
What do we understand by comparative questions? Clear it. [From Unit V]
८. सांस्कृतिक सम्पदाको परिचय दिनुहोस् ।  
Introduce about cultural heritage. [From Unit I]

**समूह 'ख' (Group 'B')**

(सङ्क्षिप्त उत्तरात्मक प्रश्नहरू/Short answer questions)

कुनै सात प्रश्नहरूको उत्तर दिनुहोस् । (Attempt any seven questions):

7×8=56

९. नेपालको तराई क्षेत्रको स्वरूप र विशेषता वर्णन गर्नुहोस् ।  
Describe unique and characteristics of Terai of Nepal. [From Unit I]
१०. क्षयरोगका लक्षण तथा रोकथामका उपायहरू लेख्नुहोस् ।  
Write down the symptoms and preventive measures of tuberculosis. [From Unit II]
११. वातावरण शिक्षा पाठ्यक्रमको महत्त्वबारे टिप्पणी लेख्नुहोस् ।  
Write a note on the importances of environment education curriculum. [From Unit IV]
१२. प्राथमिक तहको वातावरण शिक्षा पाठ्यक्रमको परिचय दिनुहोस् र वार्षिक कार्य योजनाको नमूना लेख्नुहोस् ।  
Introduce the primary level curriculum of environment education and write a model of annual working plan. [From Unit IV+Unit VII]

१३. आदर्श पाठयोजनाको विशेषताहरू वर्णन गर्नुहोस् ।  
Describe characteristics of an ideal lesson plan. [From Unit VII]
१४. वातावरण शिक्षा शिक्षणको लक्ष्य तथा उद्देश्यहरू लेख्नुहोस् ।  
Write down the aims and objectives of teaching in environment education. [From Unit IV]
१५. बहुवैकल्पिक प्रश्नको निर्माण गर्दा ध्यान दिनु पर्ने बुँदा लेख्नुहोस् र यस्ता प्रश्नको फाइदाहरू वर्णन गर्नुहोस् ।  
Write major considered factors while constructing multiple choice test question and describe its advantages. [From Unit VII]
१६. शैक्षिक सामग्रीका स्रोतहरूबारे उदाहरणसहित व्याख्या गर्नुहोस् ।  
Explain with examples the sources of educational materials. [From Unit VI]
१७. ठोस फोहोर प्रदूषणका स्रोतहरू व्याख्या गर्नुहोस् र यसका मुख्य प्रकारहरूको वर्णन गर्नुहोस् ।  
Explain solid waste pollution and describe its main types. [From Unit II]

#### समूह 'ग' (Group 'C')

(विस्तृत उत्तरात्मक प्रश्नहरू/Long answer questions)

- कुनै दुई प्रश्नको उत्तर दिनुहोस् । (Attempt any two questions):  $2 \times 12 = 24$
१८. वातावरण शिक्षा पाठ्यक्रमको सङ्गठनात्मक ढाँचा र यस्तो पाठ्यक्रम विकास गर्दा ध्यान दिनुपर्ने पक्षहरू व्याख्या गर्नुहोस् ।  
Explain the organisation patterns of environment education curriculum and components to be considered in its development. [From Unit IV]
१९. शिक्षण पद्धतिका सामान्य सिद्धान्तहरू सविस्तार व्याख्या गर्नुहोस् ।  
Explain in detail general principles of teaching methods. [From Unit V]
२०. नेपालको मुख्य वातावरणीय समस्या तथा असरहरू बारेमा विस्तृत व्याख्या गर्नुहोस् ।  
Explain in detail about major environmental problems and its effect in Nepal. [From Unit I]

### Exam Questions

#### Unit I: Environmental problems and Sustainable Development in Nepal

१. वातावरणीय स्याहार भनेको के हो ?  
What is meant by environment stewardship? [Q.N.1, 2072]
२. सांस्कृतिक सम्पदाको परिचय दिनुहोस् ।  
Introduce about cultural heritage. [Q.N.8, 2072]
३. नेपालको तराई क्षेत्रको स्वरूप र विशेषता वर्णन गर्नुहोस् ।  
Describe unique and characteristics of Terai of Nepal. [Q.N.9, 2072]
४. नेपालको मुख्य वातावरणीय समस्या तथा असरहरू बारेमा विस्तृत व्याख्या गर्नुहोस् ।  
Explain in detail about major environmental problems and its effect in Nepal. [Q.N.20, 2072]
५. दिगो विकासको आवश्यकता भनेको के हो ?  
What is meant by the necessity of sustainable development? [Q.N. 1, 2071]
६. नेपालमा वातावरणीय समस्याहरू लेख्नुहोस् ।  
Write down the environmental problems in Nepal. [Q.N.11, 2071]
७. नेपालको सांस्कृतिक सम्पदा लोप हुँदै जानुको कारणहरू के के हुन् ?  
What are the causes of disappearing the cultural heritages of Nepal? [Q.N. 13, 2071]
८. प्राकृतिक वातावरण र मानवनिर्मित वातावरणमा फरक छुट्याउनुहोस् ।  
Show the difference between natural and manmade environment. [Q.N. 16, 2071]
९. नेपालको वातावरणको अनुपम विशेषताहरू वर्णन गर्नुहोस् ।  
Explain the unique features of environment of Nepal. [Q.N. 18, 2071]



१०. दिगो विकासको परिभाषा लेख्नुहोस् ।  
Write down the definition of sustainable development. [Q.N. 1, 2070]
११. सांस्कृतिक सम्पदाको परिभाषा लेख्नुहोस् ।  
Write down the definition of cultural heritage. [Q.N. 2, 2070]
१२. नेपालको हिमाली क्षेत्रको वातावरणीय अवस्थिति वर्णन गर्नुहोस् ।  
Explain unique features of environment of Nepal Himalayan area. [Q.N. 9, 2070]
१३. जैविक विविधता संरक्षणमा वातावरण शिक्षाको महत्त्व व्याख्या गर्नुहोस् ।  
Explain the importance of Environment education on bio-diversity conservation. [Q.N. 10, 2070]
१४. नेपालका प्रमुख वातावरणीय समस्या तथा तिनका प्रभाव छोटकरीमा लेख्नुहोस् ।  
Write down in short on major environmental problems in Nepal and their effects. [Q.N. 18, 2070]
१५. सांस्कृतिक सम्पदा भन्नाले के बुझिन्छ ?  
What is meant by cultural heritage. [Q.N. 1, 2069]
१६. दिगो विकासको परिभाषा दिनुहोस् । Define sustainable development. [Q.N. 4, 2069]
१७. वातावरणीय समस्याले कसरी दिगो विकासमा असर पार्दछ, छोटकरीमा लेख्नुहोस् ।  
How does environmental problems affect in sustainable development, write in brief. [Q.N. 9, 2069]
१८. दिगो विकासको अर्थ दिनुहोस् । Give the meaning of sustainable development. [Q.N.1, 2068]
१९. नेपालको सन्दर्भमा प्रमुख वातावरणीय समस्याहरू लेख्नुहोस् ।  
Write the major environmental problems of Nepal. [Q.N.2, 2068]
२०. दिगो विकासको लागि वातावरण शिक्षाको भूमिकाको व्याख्या गर्नुहोस् ।  
Explain the role of environmental education for sustainable development. [Q.N.9, 2068]
२१. नेपालको वातावरणीय परिस्थितिको बारेमा छोटकरीमा लेख्नुहोस् ।  
Write in brief about the environmental situation of Nepal. [Q.N.10, 2068]
२२. वातावरण शिक्षाको वातावरणीय संरक्षण तथा दिगो विकासमा रहेको भूमिकाको बारेमा छलफल गर्नुहोस् ।  
Discuss the role of environmental education for the environmental preservation and sustainable development. [Q.N.18, 2068]
२३. दिगो विकासको परिभाषा दिनुहोस् । Define sustainable development. २ [Q.N. 1, 2067]
२४. नेपालमा वातावरणीय समस्याहरूको सूची तयार गर्नुहोस् ।  
List out the environmental problems in Nepal. २ [Q.N. 4, 2067]
२५. सांस्कृतिक सम्पदाको परिभाषा दिनुहोस् र नेपालका केही सांस्कृतिक सम्पदाको वर्णन गर्नुहोस् ।  
Define cultural heritage and describe some cultural heritages of Nepal. ८ [Q.N. 9, 2067]
२६. दिगो विकासको कति सिद्धान्तहरू प्रतिपादन भएका छन् ? कुनै एकको वर्णन गर्नुहोस् ।  
How many principles are formulated for sustainable development ? Explain any one of them. १२ [Q.N. 18, 2067]
२७. नेपालमा वातावरणीय शिक्षाको विकासबारे निबन्ध लेख्नुहोस् ।  
Write an essay on environmental education development in Nepal. १२ [Q.N. 19, 2067]

### Unit II: Environmental Sanitation

१. नसर्ने रोगबारे परिचय दिनुहोस् । Introduce non-communicable diseases. [Q.N.2, 2072]
२. क्षयरोगका लक्षण तथा रोकथामका उपायहरू लेख्नुहोस् ।  
Write down the symptoms and preventive measures of tuberculosis. [Q.N.10, 2072]
३. ठोस फोहोर प्रदूषणका स्रोतहरू व्याख्या गर्नुहोस् र यसका मुख्य प्रकारहरूको वर्णन गर्नुहोस् ।  
Explain solid waste pollution and describe its main types. [Q.N.17, 2072]
४. ठोस फोहोरमैला बढ्नुको कारणहरू के के हुन् ?  
What are the causes of increasing of solid waste? [Q.N. 2, 2071]

५. सरुवा रोगलाई परिभाषित गर्नुहोस् । Define communicable disease. [Q.N. 6, 2071]
६. न्यून वातावरणीय सरसफाईका कारणहरूको सूची बनाउनुहोस् ।  
List out the causes of poor environmental sanitation. [Q.N. 9, 2071]
७. क्षयरोगको कारण र रोकथामको उपायहरू लेख्नुहोस् ।  
Write down the causes and preventive measures of tuberculosis. [Q.N. 15, 2071]
८. फोहोरमैला व्यवस्थापन भनेको के हो ? यसलाई कसरी व्यवस्थापन गर्न सकिन्छ ?  
What is waste management? How can we manage it? [Q.N.17, 2071]
९. महामारी भन्नाले कस्तो रोगलाई भनिन्छ ?  
What type of disease is called epidemic? [Q.N. 3, 2070]
१०. जल प्रदूषण भनेको के हो ? What is the meaning of water pollution? [Q.N. 8, 2070]
११. खानाबाट उत्पन्न सरुवा रोगहरूबारे सङ्क्षिप्त टिप्पणी लेख्नुहोस् ।  
Write short note on food borne disease. [Q.N. 12, 2070]
१२. ग्रामीण क्षेत्रका फोहोर मैला विसर्जन गर्ने तरिका वर्णन गर्नुहोस् ।  
Describe the disposal methods for rural waste. [Q.N. 13, 2070]
१३. सरुवा रोगबाट बच्ने कुनै दुई उपायहरू लेख्नुहोस् ।  
Write any two preventive measures from communicable diseases. [Q.N. 2, 2069]
१४. ठोस फोहोरमैला व्यवस्थापनका तरिकाहरूको वर्णन गर्नुहोस् ।  
Explain the methods of solid waste management. [Q.N. 10, 2069]
१५. भाडा पखाला रोगका कारण तथा रोकथामका उपायहरूको बारेमा लेख्नुहोस् ।  
Write down the causes and preventive measures of diarrhoea [Q.N. 14, 2069]
१६. फोहोरमैला भनेको के हो ? वर्तमान समयमा फोहोरमैलाको समस्या बढ्नुका कारण के के हुन् ? उदाहरणसहित व्याख्या गर्नुहोस् ।  
What is waste materials? Why problem of waste materials is increasing in present situation? Explain with examples. [Q.N. 18, 2069]
१७. सरुवा रोग भन्नाले तपाईं के बुझ्नुहुन्छ ?  
What do you mean by communicable diseases ? [Q.N.4,2068]
१८. प्रदूषक भन्नाले तपाईं के बुझ्नुहुन्छ ? What do you mean by pollutant ? [Q.N.7,2068]
१९. ठोस फोहोर-मैला भनेको के हो ? यसको कसरी व्यवस्थापन गर्न सकिन्छ ?  
What do you understand by solid waste ? How can it manage properly ? [Q.N.14,2068]
२०. सरुवा रोग भनेको के हो ?What is communicable disease ? [Q.N. 2, 2067]
२१. वातावरणीय सरसफाईको कमीका कारणहरू र प्रभावहरूबारे वर्णन गर्नुहोस् ।  
Explain the causes and effects of poor environmental sanitation. [Q.N. 10, 2067]
२२. जोखिमपूर्ण फोहोरमैला भनेको के हो ? यसको प्रभावकारी व्यवस्थापन उल्लेख गर्नुहोस् ।  
What is hazardous waste ? Mention its effective management ? [Q.N. 11, 2067]

### Unit III: Environment related Institutions in Nepal

१. वातावरण संरक्षणमा संलग्न अन्तर्राष्ट्रिय संस्थाहरूमध्ये कुनै दुई संस्थाहरूको उद्देश्य र कार्यहरू वर्णन गर्नुहोस् ।  
Describe any two international organizations with its objectives and works in the field of environmental protection. [Q.N. 19, 2071]
२. राष्ट्रिय प्रकृति संरक्षण कोषका कुनै दुई कार्यक्रम लेख्नुहोस् ।  
Write down any two program of National Trust for Nature Conservation. [Q.N. 4, 2070]
३. जैविक सङ्कटका क्षेत्रहरू भन्नाले के बुझिन्छ ?  
What do you understand by critical ecoregions? [Q.N. 6, 2070]

४. नेपालका लागि राष्ट्रिय संरक्षण नीति १९८८ बारे छलफल गर्नुहोस् ।  
Discuss on the National conservation strategy for Nepal 1988. [Q.N. 11, 2070]
५. विषयगत परीक्षाको गुण तथा अवगुण वर्णन गर्नुहोस् ।  
Describe the merit and demerit of objective test. [Q.N.17, 2070]
६. इसिमोडको परिचय दिनुहोस् । Give the introduction of ICIMOD. [Q.N. 5, 2069]
७. आइ.यू.सि.एन. को कुनै दुई कार्य लेख्नुहोस् ।  
Write any two functions of IUCN. [Q.N.5,2068]
८. इसिमोडको (ICIMOD) को पूरा माने के हो ? छोटकरीमा यसको प्राथमिकताबारे उल्लेख गर्नुहोस् ।  
What does ICIMOD stand for ? Explain its priorities in short. [Q.N. 12, 2067]

### Unit IV: School level Environment Curriculum in Nepal

१. पाठ्यक्रमको परिभाषा दिनुहोस् । Define the curriculum. [Q.N.3, 2072]
२. वातावरण शिक्षा पाठ्यक्रमको महत्त्वबारे टिप्पणी लेख्नुहोस् ।  
Write a note on the importances of environment education curriculum. [Q.N.11, 2072]
३. प्राथमिक तहको वातावरण शिक्षा पाठ्यक्रमको परिचय दिनुहोस् ।  
Introduce the primary level curriculum of environment education. [Q.N.12, 2072]
४. वातावरण शिक्षा शिक्षणको लक्ष्य तथा उद्देश्यहरू लेख्नुहोस् ।  
Write down the aims and objectives of teaching in environment education. [Q.N.14, 2072]
५. वातावरण शिक्षा पाठ्यक्रमको सङ्गठनात्मक ढाँचा र यस्तो पाठ्यक्रम विकास गर्दा ध्यान दिनुपर्ने पक्षहरू व्याख्या गर्नुहोस् ।  
Explain the organisation patterns of environment education curriculum and components to be considered in its development. [Q.N.18, 2072]
६. पाठ्यक्रमको कुनै दुईओटा महत्त्व लेख्नुहोस् ।  
Describe any two importance of curriculum. [Q.N. 3, 2071]
७. नेपालमा वातावरण शिक्षाबारे व्याख्या गर्नुहोस् ।  
Explain the environmental education in Nepal. [Q.N. 10, 2071]
८. नेपालमा प्राथमिक तहमा वातावरण शिक्षा शिक्षणको आवश्यकताको व्याख्या गर्नुहोस् ।  
Explain the needs of teaching environmental education in primary level in the context of Nepal. [Q.N. 11, 2069]
९. पाठ्यक्रमको महत्त्वबारे लेख्नुहोस् ।  
Write down the importance of curriculum. [Q.N. 6, 2069]
१०. वातावरण शिक्षाको परिभाषा दिनुहोस् । Define environmental education. [Q.N.3,2068]
११. वातावरणीय शिक्षा पाठ्यक्रमको निर्माणको प्रक्रिया वर्णन गर्नुहोस् ।  
Describe the process of Curriculum Development of Environmental education. [Q.N.11,2068]
१२. पाठ्यक्रमको परिभाषा गर्नुहोस् । Define curriculum. [Q.N. 3, 2067]
१३. वातावरणीय शिक्षा पाठ्यक्रमको स्रोतहरूबारे वर्णन गर्नुहोस् ।  
Explain the sources of environmental education curriculum. [Q.N. 13, 2067]

### Unit V: Methods of Teaching Environmental Education

१. वातावरण शिक्षामा प्रश्नोत्तर विधि भन्नाले के बुझिन्छ ?  
What do you understand by questions-answer method in environment education? [Q.N.4, 2072]
२. तुलनात्मक प्रश्न भन्नाले के बुझिन्छ ? प्रस्ट्याउनुहोस् ।  
What do we understand by comparative questions? Clear it. [Q.N.7, 2072]
३. शिक्षण पद्धतिका सामान्य सिद्धान्तहरू सविस्तार व्याख्या गर्नुहोस् ।  
Explain in detail general principles of teaching methods. [Q.N.19, 2072]
४. क्रियाकलाप केन्द्रित विधि भनेको के हो ? What is activity focused method? [Q.N. 4, 2071]



५. शैक्षिक विधि छनोटका आधारहरू के के हुन् ?  
What are the factors that determine the choice of educational method? [Q.N. 12, 2071]
६. प्रदर्शन विधि भनेको के हो ? यसका फाइदाहरू के के हुन् ?  
What is demonstration method? What are its advantages? [Q.N. 14, 2071]
७. गोलमेच छलफल विधि भनेको के हो ?  
What do you understand by round table discussion method? [Q.N. 5, 2070]
८. वातावरण शिक्षामा गोष्ठी वा कार्यशाला विधिको प्रक्रिया वर्णन गर्नुहोस् ।  
Describe the processes of seminar or workshop method on environment education. [Q.N. 15, 2070]
९. वातावरण शिक्षा शिक्षण विधिका सामान्य सिद्धान्तहरू तथा अन्य आवश्यक सिद्धान्तहरूको व्याख्या गर्नुहोस् ।  
Explain common principles and other needy components of teaching environmental education methods.. [Q.N. 19, 2070]
१०. अवधारणा केन्द्रित शिक्षण विधि भन्नाले के बुझिन्छ ।  
What do you mean by concept focused teaching method? [Q.N. 8, 2069]
११. नेपालको सन्दर्भमा उपयुक्त एक शिक्षण विधिबारे व्याख्या गर्नुहोस् ।  
Explain the teaching method appropriate in the reference of Nepal. [Q.N. 12, 2069]
१२. प्रवचन विधि भनेको के हो ? यसको प्रक्रिया, फाइदा र बेफाइदाहरू व्याख्या गर्नुहोस् ।  
What is lecture method? Describe its procedures, steps, merits and demerits. [Q.N. 19, 2069]
१३. शैक्षिक भ्रमण विधिको व्याख्या गर्दै यसका बेफाइदाहरू लेख्नुहोस् ।  
Explain field trip method and list its disadvantages. [Q.N.12,2068]
१४. वातावरण शिक्षा शिक्षणको विधिको छनोट गर्दा ध्यान दिनुपर्ने कुराहरू के के हुन् ?  
What are the factors to be considered while determining the choice of method in teaching environmental education. [Q.N.17,2068]
१५. शिक्षक केन्द्रित विधिको बारेमा व्याख्या गरी भाषण विधिको अर्थ, फाइदा तथा बेफाइदाहरू लेख्नुहोस् ।  
Describe teacher centered approaches and give the meaning, advantages and disadvantages of lecture method. [Q.N.19,2068]
१६. शिक्षण विधिको परिभाषा दिनुहोस् । Define teaching methods. २ [Q.N. 5, 2067]
१७. वातावरणीय शिक्षा शिक्षणमा कति किसिमका विधिहरू अपनाइएको छ ?  
How many methods are adapted for teaching environmental education? ८ [Q.N. 14, 2067]
१८. वातावरणीय शिक्षा अवधारणामा केन्द्रित शिक्षण विधिबारे वर्णन गर्नुहोस् ।  
Explain the concept focused teaching in environmental education. १२ [Q.N. 20, 2067]

## Unit VI: Materials and Media for Teaching Environmental Education

१. वातावरण शिक्षा शिक्षणमा प्रयोग हुने शैक्षिक सामग्रीहरूमध्ये कुनै पाँचको सूची बनाउनुहोस् ।  
Make a list of any five educational materials used in environment education instruction. [Q.N.5, 2072]
२. शैक्षिक सामग्रीका स्रोतहरूबारे उदाहरणसहित व्याख्या गर्नुहोस् ।  
Explain with examples the sources of educational materials. [Q.N.16, 2072]
३. शैक्षिक सामग्रीको कुनै दुईओटा महत्त्व लेख्नुहोस् ।  
Write any two importances of teaching materials. [Q.N. 7, 2071]
४. शैक्षिक सामग्रीको कुनै चार महत्त्व लेख्नुहोस् ।  
Write any four importances of teaching materials. [Q.N. 3, 2069]
५. वातावरण शिक्षा शिक्षणमा सहायक शिक्षा सामग्रीको प्रयोगको महत्त्वबारे छलफल गर्नुहोस् ।  
Discuss the importance of using supplementary reading materials in teaching materials. [Q.N. 13, 2069]

६. शिक्षण सामग्रीका स्रोतहरूको बारेमा लेख्नुहोस् ।  
Write down the sources of teaching materials. [Q.N. 15, 2069]
७. वातावरण शिक्षा शिक्षणमा शैक्षिक सामग्रीको महत्त्वहरूको सूची तयार पार्नुहोस् ।  
List the importances of teaching materials to teach environmental education. [Q.N.13,2068]
८. शिक्षण सामग्रीको परिभाषा दिनुहोस् । वातावरणीय शिक्षा शिक्षणमा प्रयोग हुने सामग्रीको तयारी र प्रयोगका सिद्धान्तहरू व्याख्या गर्नुहोस् ।  
Define teaching materials. Explain the principles of preparation and usage of materials in environmental education teachings. [Q.N.20,2068]
९. वातावरणीय शिक्षा शिक्षणमा शैक्षिक सामग्रीको सूची तयार गर्नुहोस् ।  
List out the teaching materials for environmental education. २ [Q.N. 6, 2067]
१०. शैक्षिक सामग्री छनोटको सर्तहरूको सूची तयार गर्नुहोस् ।  
List out the criteria for selection of educational materials. २ [Q.N. 8, 2067]
११. वातावरणीय शिक्षामा शिक्षण सामग्रीहरूको परिभाषा दिनुहोस् । कुनै एक सामग्रीको वर्णन गर्नुहोस् ।  
Define different types of teaching materials in Environmental education. Explain one of them. ८ [Q.N. 17, 2067]

### Unit VII: Planning and Evaluation of Teaching Environmental Education

१. वातावरण शिक्षामा योजनाको विशेषता लेख्नुहोस् ।  
Write characteristics of planning in environment education. [Q.N.6, 2072]
२. वार्षिक कार्य योजनाको नमुना लेख्नुहोस् ।  
Write a model of annual working plan. [Q.N.12, 2072]
३. आदर्श पाठयोजनाको विशेषताहरू वर्णन गर्नुहोस् ।  
Describe characteristics of an ideal lesson plan. [Q.N.13, 2072]
४. बहुवैकल्पिक प्रश्नको निर्माण गर्दा ध्यान दिनु पर्ने बुँदा लेख्नुहोस् र यस्ता प्रश्नको फाइदाहरू वर्णन गर्नुहोस् ।  
Write major considered factors while constructing multiple choice test question and describe its advantages. [Q.N.15, 2072]
५. शिक्षामा योजनाको महत्त्व लेख्नुहोस् ।  
Write the importance of planning in education. [Q.N. 5, 2071]
६. निर्माणात्मक मूल्याङ्कन भनेको के हो ? What is formative evaluation? [Q.N. 8, 2071]
७. पाठ योजना भनेको के हो ? यसको निर्माण गर्न किन आवश्यक छ, लेख्नुहोस् ।  
What is lesson plan? Write, why it is necessary to make. [Q.N. 20, 2071]
८. दैनिक पाठयोजनालाई परिभाषित गर्नुहोस् । Define daily lesson plan. [Q.N. 7, 2070]
९. शिक्षण सिकाइका कार्यनीतिहरू व्याख्या गर्नुहोस् ।  
Explain the teaching-learning strategies. [Q.N. 14, 2070]
१०. वार्षिक कार्ययोजनाको नमुना लेख्नुहोस् । Write a model of annual work plan. [Q.N. 16, 2070]
११. मूल्याङ्कन विधिहरूलाई परिभाषित गर्दै निर्माणात्मक तथा निर्णयात्मक मूल्याङ्कनको व्याख्या गर्नुहोस् ।  
Defining evaluation methods, explain the formative and summative evaluation. [Q.N. 20, 2070]
१२. मूल्याङ्कनको परिभाषा दिनुहोस् । Give the definition of evaluation. [Q.N. 7, 2069]
१३. वातावरण शिक्षा शिक्षणमा योजनाको आवश्यकताबारे व्याख्या गर्नुहोस् ।  
Explain the need of planning in teaching environmental education. [Q.N. 16, 2069]



१४. सुक्ष्म शिक्षण भनेको के हो ? यसको महत्त्वका सूची तयार पार्नुहोस् ।  
What is micro teaching? List the importance of micro teaching. [Q.N. 17, 2069]
१५. प्राथमिक तहमा शिक्षण गर्न उपयुक्त हुने पाठ योजना तयार पार्नुहोस् ।  
Prepare the suitable lesson plan for teaching in primary level. [Q.N. 20, 2069]
१६. संचित अभिलेखलाई परिभाषित गर्नुहोस् ।  
Define the meaning of cumulative records. [Q.N.6,2068]
१७. कार्य योजना भनेको के हो ? What is work plan ? [Q.N.8,2068]
१८. "वातावरणीय प्रदूषण" विषयमा शिक्षण गर्दा कक्षा पाँचको लागि एक नमूना पाठयोजना तयार पार्नुहोस् ।  
Prepare a model lesson plan for teaching environmental pollution in class five. [Q.N.15,2068]
१९. निर्माणात्मक मूल्याङ्कन र निर्णयात्मक मूल्याङ्कनबीच फरक छुट्याउनुहोस् ।  
Differentiate between formative and summative evaluations. [Q.N.16,2068]
२०. दैनिकपाठयोजनाको परिभाषा दिनुहोस् । Define daily lesson plan. २ [Q.N. 7, 2067]
२१. मूल्याङ्कनको परिभाषा गर्दै यसका किसिम लेख्नुहोस् र तीमध्ये कुनै एकको वर्णन गर्नुहोस् ।  
Define and state and types of evaluation adapted in practice and explain any one of them in brief. [Q.N. 15, 2067]
२२. वातवरणीय शिक्षा शिक्षणमा मूल्याङ्कनका कुन कुन औजारहरू प्रयोग गरिन्छन् ?  
What tools are used for evaluation of teaching environmental education?  
[Q.N. 16, 2067]