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Roll No.

Date:

## NORTHWEST ACCREDITATION COMMISSION, USA

### HIGH SCHOOL DIPLOMA (Sr. Secondary/12<sup>TH</sup>)

Subject- Environmental Studies  
Subject Code – E415


Question Paper No. :

Question Paper code:

#### Important Instructions

**1. OPENING AND CHECKING OF THE QUESTION-BOOKLET**

Break open the seal of the Question-Booklet only when the announcement is made by the Invigilator. After breaking the seal and before attempting the questions, student should immediately check for:

a) The number of the printed page in the Question-Booklet is the same as mentioned on the cover page of the Booklet and

b) Any printing error in the Booklet pages, if any.  
Any discrepancy or error should be brought to the notice of the Invigilator who will then replace the Booklet.  
No additional time will be given for this.

**2.** No student, without the permission of the Superintendent, or the Invigilator concerned, is to leave his/her seat or the Examination Room.

**3. FILLING UP THE REQUIRED INFORMATION ON QUESTION-BOOKLET AND ANSWER SHEET**

After breaking open the seal and checking the Booklet, student should:

a) Fill up the **Question Paper No.** and **Question Paper Code** (mentioned on the cover of Question-Booklet) in the space provided on the First Answer Sheet.

b) Fill up his/her Roll Number on the First Answer Sheet and on each Supplementary Answer Sheet, if taken.

C) Student should mention the total number of **Supplementary Answer Sheet**, if taken, in the space provided on the First Answer Sheet and also fill up the Serial Number mentioned on each **Supplementary Answer Sheet** along with his/her Roll Number in the register maintained by the Invigilator. Student must tie all the Answer Sheets with the thread provided by the Invigilator.

#### 4. INSTRUCTIONS ABOUT QUESTION PAPER

This Question Paper is divided into three Sections – **A, B** and **C**. All Sections are compulsory. Attempt all Sections as per instructions.

a) Section A question No. 1 to 10 are very short questions carrying 2 marks each.

b) Section B question No. 11 to 25 are short questions carrying 3 marks each.

c) Section C question No. 26 to 32 are long questions carrying 5 marks each.

5. Student found in possession of Cellular Phone / Mobile Phone / Pager or any other Communication Device and/or any Book/Note whether using or not, will be liable to be debarred for taking examination(s) either permanently or for specified period or/and dealt with as per law or/and ordinance of the School/SERI according to the nature of offence, or/and he/she may be proceeded against and shall be liable for prosecution under the relevant provision of the Statutory Law.

TIME: 3 Hours.

TOTAL MARKS: 100

THE ANSWER SHEET IS TO BE RETURNED ON COMPLETION OF THE TEST

P.T.O.

#### SECTION A

<b>Total number of questions: 10</b>	<b>Marks allocated to each question: 2</b>	<b>Total marks: 20</b>
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Question 1. Give two reasons why cooking gas is considered to be a better fuel than kerosene oil or wood.

Question 2. Why Chek is essential on increasing population?

Question 3. What are the losses or damage caused by rodents?

Question 4. What is artificial Insemination?

Question 5. What are Biofertilizers?

Question 6. Name any two main National park in India.

Question 7. What is the Integrated pest management (I.P.M.)?

Question 8. Why Chek is essential on increasing population?

Question 9. What is operation Deer?

Question 10. What is stone cancer?

### SECTION B

<b>Total number of questions: 15</b>	<b>Marks allocated to each question: 3</b>	<b>Total marks: 45</b>
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Question 11. What efforts are undergoing at national level in India for the wild animal conservation?

Question 12. What is Soil pollution? Describe the anthropogenic causes of Soil pollution.

Question 13. What activities should be done for healthy environment?

Question 14. Write a short note on Earth First.

Question 15. Discuss the adoption of sustainable agriculture in cuba.

Question 16. Write short notes on following.

(a) Endangered species

(b) Extinct species

Question 17. "India is a mega diversity nation", Explain in details.

Question 18. What are the main similarities and dissimilarities between manure and fertilizer?

Question 19. What is the forest policy declared by Chhattisgarh State?

Question 20. What are Environmentalpublic awareness programmes? Describe any two.

Question 21. What is it essential to dream for happy and clean clean environment?

Question 22. Write the main objectives of watershed management.

P.T.O.

Question 23. What are the effects of air pollution on Vegetation.

Question 24. What is Green house effect?

Question 25. What are the measures of preventing "Global Warming"?

### SECTION C

<b>Total number of questions: 7</b>	<b>Marks allocated to each question: 5</b>	<b>Total marks: 35</b>
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Question 26. Explain the role of Biotechnology in achieving global food security.

OR

Explain the meaning of integrated nutrient supply programme. State its objectives.

Question 27. China has legalized breeding of tigers for reaping economic benefits. Justify with reasons for or against the statement.

OR

With the help of an example, explain how alternate technology can create a self sustaining society.

Question 28. Enumerate the effects of an increasing population on the environment.

OR

Describe the sustainable development and future possibilities.

Question 29. Discuss the Various concepts of development.

OR

Explain the effects of agrochemicals on environment.

Question 30. Biodiversity is a gift to mankind. Why? Explain.

OR

What is biocide? Explain Biological control.

Question 31. Explain the effects of Agrochemicals on environment.

OR

Write short notes on following?

(a) Dry Land

(b) Coral reefs

Question 32. Explain in details the various types of survivorship curves.

OR

Indian Environmental programme network at national level is established in India. What are its objectives?

**END OF THE QUESTION PAPER**