

Roll No.: Date:

NORTHWEST ACCREDITATION COMMISSION, USA
SR. SECONDARY/12TH
2017-2018

Subject- ENVIRONMENTAL STUDIES

Question Paper No. :

E	S	4	6
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Subject Code : ES1202

Question Paper Code:

E	V	1	3
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Total Time: 03.00 Hours.

Total Marks: 100

GENERAL 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 8 are very short questions carrying 3 marks each in approximately 30 words.
- b) Section B question No. 9 to 18 are short questions carrying 4 marks each in approximately 75 words.
- c) Section C question No. 19 to 24 are long questions carrying 6 marks each in approximately 150 words.

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.

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

This Question Paper MUST be attached with Answer Sheet

SECTION A

Total number of questions: 8	Marks allocated to each question: 3	Total marks: 24
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- Question 1.** What are extinct Species?
- Question 2.** How many living species are Present in the world?
- Question 3.** What is artificial Insemination?
- Question 4.** What is the Integrated pest management (I.P.M.)?
- Question 5.** Why is heavy water a high quality fuel?
- Question 6.** What is weedicide?
- Question 7.** What are Micro nutrients? Give an example.
- Question 8.** What are the losses or damage caused by rodents?

SECTION B

Total number of questions: 10	Marks allocated to each question: 4	Total marks: 40
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- Question 9.** Under what conditions non-renewable resources become renewable resources? Explain.

OR

What is difference between National park and Sanctuaries?

- Question 10.** What is the difference between sanctuaries and national park?

- Question 11.** Explain the effects of soil pollution.

OR

What is meant by populaton explosion?

- Question 12.** Explain the wild life business in the form of challenge to sustainable development.

- Question 13.** What is the forest policy that is declared by Chhattisgarh State?

OR

What is Rotation of crops? How is it beneficial for soil?

Question 14. What is Green house effect?

Question 15. What are the measures of preventing “Global Warming”?

Question 16. What is 'Chipko Movement'?

Question 17. What are the ill effects of adulteration on human health?

OR

Discuss any two achievements and any two failures of the Project Tiger.

Question 18. What is soil & what is the importance of soil for plants?

SECTION C

Total number of questions: 6	Marks allocated to each question: 6	Total marks: 36
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Question 19. Write short notes on public awareness required for conservation of resources?

OR

How water is polluted due to anthropogenic causes?

Question 20. What is soil pollution describe the anthropogenic causes of soil pollution.

OR

Explain the effects of agrochemicals on environment.

Question 21. What is air pollution? What are the causes of air pollution? Discribe in brief.

OR

How the use of biofertilizer can increase crop production? Explain it.

Question 22. What are the adverse effect on the different plant on account of SO₂ pollution in the air? Explain.

OR

Describe the necessity of rural management and sustainable development.

Question 23. Explain the effects of Agrochemicals on environment.

OR

What is biocide? Explain Biological control.

Question 24. Write short notes on following?

(a) Dry land

(b) Coral reefs

OR

What are the reasons of depletion of forest and agricultural production?
How it influences the economy?

END OF THE QUESTION PAPER