

# **APPENDIX**

# APPENDIX-I

## ENVIRONMENTAL ATTITUDE SCALE

1. Name \_\_\_\_\_

2. Name of the school \_\_\_\_\_

3. Roll No. \_\_\_\_\_

4. Sex: Male / Female : \_\_\_\_\_

5. Age \_\_\_\_\_

### ATTITUDE OF SECONDARY SCHOOL STUDENTS TOWARDS ENVIRONMENTAL EDUCATION DIRECTIONS.

Read the following information and instructions carefully before your begin to respond to the statements given in this scale.

1. This attitude scale has been developed to know your attitude towards environmental education.

2. The statements given in the following pages offers you five options namely SA, A, U, D and SD. The expansion of the abbreviations are;

SA = Strongly agree

A = Agree

U = Undecided

D = Disagree

SD = Strongly Disagree

3. Read each statement carefully and put a tick ( ) mark on the category which you think appropriate.

## ENVIRONMENTAL ATTITUDE SCALE

S.No	Statements	Strongly agree (S)	Agree(A)	Neutral (N)	Disagree (D)	Strongly disagree (SD)
1.	Environmental education deals with the global and regional environmental issues.					
2.	Humans are severely abusing the environment.					
3.	Environmental education can be taught through other subjects like geography, biology, etc.					
4.	Environmental education should be continuous, life long process both in school and out of school.					
5.	Nature can be dangerous to human survival.					
6.	Nature is important because future generations will need it.					
7.	Man should respect nature, because not only humans have got a right to live, but also animals and plants.					
8.	Human survival depends on nature and natural processes.					
9.	Acts on protection of animals are not required.					
10.	Quality of life can be enhanced through environmental education.					

11.	Environmental education is a process to promote the awareness of environment.					
12.	Seminar on environmental education are to be organized for the teachers and students.					
13.	Environmental education needs to be taught in formal, non formal and distance education modes.					
14.	Plastic bags should not be thrown anywhere once they are used.					
15.	Our houses should be kept clean by using environment friendly methods.					
16.	Nature is God's creation.					
17.	Mankind is severely abusing the environment.					
18.	Throwing broken glasses in less traffic place is not dangerous.					
19.	Smoking in public places should not be a matter of concern.					
20.	Since the environment can clean itself, human waste is not a problem.					

# APPENDIX-II

## AWARENESS TEST ON ENVIRONMENTAL EDUCATION

1. Name \_\_\_\_\_
2. Class \_\_\_\_\_
3. Gender \_\_\_\_\_
4. Age \_\_\_\_\_
5. Name of school \_\_\_\_\_

### INTRODUCTION:

- The present study is dissertation work, being conducted by RISHIKA SEN M.Ed student regional institute of education Bhopal (NCERT). • This form is the part of research tools.
- The information sought through this form relates to attitude of secondary school teachers toward Environmental Education, will be confidential and used only for the purpose of research.

### INSTRUCTIONS

Please go through the following instructions before responding to this test:

1. The basic purpose of the test is to know about your environmental awareness and the importance of environment.
2. The results of the test would be kept confidential.
3. Attempt all the questions.
4. All questions carry equal marks.
5. The maximum time limit for the test is one hours.
6. Please turn over the page and start writing answer of the questions.

## INSTRUCTIONS;

There are four alternative answers of the following questions and you are to tick mark ( ) against the answer which you feel correct.

1. The concept of Environment refers to.

- a. Soil ( )
- b. Water ( )
- c. Air ( )
- d. Surroundings ( )

2. Environmental Problems are seen at the

- a. Local level ( )
- b. Neighborhood level ( )
- c. Regional level ( )
- d. Global level ( )

3. Ecology is the study of

- a. Plants in relation to environment ( )
- b. Man in relation to environment ( )
- c. Living organisms in relation to environment ( )
- d. Plants, organisms and man in relation to environment ( )

4. Bhopal gas tragedy occurred due to leakage of

- a. MIC ( )
- b. DDT ( )

- c. SO<sub>2</sub> ( )
- d. Dioxins ( )

5. Islands and deltas in the world are facing the problem of sinking because of

- a. Heavy rain ( )
- b. Global warming ( )
- c. Acid rain ( )
- d. None of the above ( )

6. Ozone layer is getting depleted due to:

- a. Dust particles ( )
- b. Water vapors ( )
- c. Aerosols ( )
- d. All the above ( )

7. Medha Patkar is associated with:

- a. Ganga Bachao ( )
- b. Narmada Bachao ( )
- c. Chipko Movement ( )
- d. None of the above ( )

8. India passed the Wild Life (protection) Act in

- a. 1970 ( )
- b. 1971 ( )
- c. 1972 ( )
- d. 1973 ( )

9. Which of the following enhance the frequency of earthquakes

- a. Big dams ( )
- b. Underground nuclear testing ( )
- c. Deep well disposal of liquid wastes ( )
- d. All of the above ( )

10. Soil erosion is the process by which the land surface is worn away by the action of

- a. Wind ( )
- b. Water ( )
- c. Ice ( )
- d. All of the above ( )

11. Radioactive pollution is caused by

- a. Natural radiation ( )
- b. Manmade radiation ( )
- c. Atomic explosion ( )
- d. All the above ( )

12. Tsunami is caused by

- a. Hurricane ( )
- b. Heavy rainfall in the ocean ( )
- c. Marine pollution ( )
- d. Earthquakes below the ocean surface ( )



13. Fluoride pollution causes

- a. Small pox ( )
- b. Liver and kidney disorders ( )
- c. Typhoid ( )
- d. Bone diseases ( )

14. Which one of the following is environment-friendly for energy ?

- a. Natural gas ( )
- b. Nuclear energy ( )
- c. Thermal power ( )
- d. Solar power ( )

15. Ultra violet rays of the sun are filtered in the atmosphere by

- a. Nitrogen ( )
- b. Hydrogen ( )
- c. Ozone ( )
- d. All the above ( )

16. Emission of EFC is hazardous to the environment because

- a. It pollutes the water ( )
- b. It causes acid rain ( )
- c. It causes damage to the ozone layer ( )
- d. None of the above ( )

17. World Environment day is celebrated on

- a. 5th June ( )
- b. 5th August ( )
- c. 5th December ( )
- d. 5th March ( )

18. Which of the following is responsible for desertification ?

- a. Deforestation ( )
- b. Over grazing ( )
- c. Mining ( )
- d. All the above ( )

19. Chernobyl disaster is associated with

- a. Nuclear accident ( )
- b. Landslide ( )
- c. Earthquake ( )
- d. Acid rain ( )

20. The main aim of the chipko movement is

- a. To protect soil ( )
- b. To protect trees ( )
- c. To save wildlife ( )
- d. All the above ( )