

# AMRITA VIDYALAYAM

## ANNUAL EXAMINATION 2019 - 20

Std : IV

Marks : 50

Time : 2 hrs

## ENVIRONMENTAL SCIENCE

### KNOWLEDGE

**I. Fill in the blanks.** **5**

1. The smaller unit of Indian currency is called \_\_\_\_\_.
2. \_\_\_\_\_ of waste pollutes the environment.
3. Scientists are trying to develop low cost methods to convert sea water into \_\_\_\_\_.
4. Once the young ones leave, the birds also leave their \_\_\_\_\_.
5. Animals living in seas and oceans are called \_\_\_\_\_.

**II. Choose the correct answer.** **5**

1. A \_\_\_\_\_ is a river of ice on a mountain.  
(pond, lake, spring, glacier)
2. The banknote carries the signature of \_\_\_\_\_.  
(President of India, Prime Minister of India, Governor of RBI, Mahatma Gandhi)
3. Waste materials that rot naturally are called \_\_\_\_\_ waste.  
(degradable, non-degradable, recyclable, rubbish)
4. \_\_\_\_\_ pollute the water and harm marine life.  
(Melting ice, Oil spills, Salt from Sea, Animals)
5. \_\_\_\_\_ animals come out mostly at night.  
(Arboreal, Aquatic, Aerial, Nocturnal)

**III. Name the following.** **5**

1. The process of making coins.
2. Water suitable for drinking.
3. Animals that live both on land and water.
4. Making new things out of used ones.
5. Substances which cause pollution.

## UNDERSTANDING

### IV. Match the following. 5

- |    |               |                       |
|----|---------------|-----------------------|
| 1. | pesticides    | non-degradable        |
| 2. | fruit peel    | groundwater pollution |
| 3. | pond          | stable                |
| 4. | polythene bag | inland water          |
| 5. | horse         | degradable waste      |

### V. Write true or false. 5

1. Coins are money made of paper.
2. A mound built by termites is also called an anthill.
3. Our earth is also called the 'Blue planet'.
4. Paper cannot be recycled.
5. Do not drink water that has been stored for a long time.

### VI. Answer the following.

1. Distinguish between evaporation and condensation. 2
2. What is currency? Name the currency of India and Bangladesh. 3
3. Describe a weaver bird's nest. 2
4. Arun's mother put degradable and non-degradable wastes in their backyard. List the names of any two wastes from each group. 2
5. Differentiate between aerial and arboreal animals with examples. 3
6. Write any three causes of water pollution. 3

## APPLICATION

### VII. Classify the following animals into aquatic, amphibians and nocturnal. 3

frog, hamsters, fish, owl, salamanders, sea lion

### VIII. Who am I? 2

1. My source is from the Himalayas and I have water throughout the year.
2. I breathe through skin in water and through lungs on land.

## SKILL

### IX. Solve the puzzle.

5

1. Number of Indian languages in which the value of the note is printed.
2. Protect the animals from heat, cold, rain and wild animals.
3. The form in which underground water comes up to the surface.
4. Large, deep hole dug in the ground where the waste is dumped.
5. A faint image or pattern marked on every banknote.

L	P	I	Y	O	G	S
A	R	E	S	F	H	P
N	S	S	W	S	R	R
D	H	W	A	H	A	I
F	I	F	T	E	E	N
I	J	S	E	L	D	G
L	U	C	R	T	S	S
L	L	V	M	E	R	T
S	O	M	A	R	T	R
G	P	B	R	O	J	V
H	E	K	K	L	F	D