**2nd unit test**

**STD: - 5th**

**Sub:- science**

**Lesson no. 18- The environment and us**

**Vocabulary:**

1. Depleted: - reduced.
2. Deforestation: - Clearing/cutting of forest or trees.
3. Frugally: - Sparingly.
4. Degradation: - breaking down.
5. Components: - parts.
6. Extinction: - non-existence.
7. Intervention: - interference

**Q1. What’s the solution?**

1) Rivers and lakes are filled with water hyacinth.

**Ans**. Water hyacinth are formed in rivers and lakes due to pollution. that is mainly due

to mixture of detergents in the water. To control it the water hyacinth should

be removed and waste water from households or washing clothes in water should

be banned.

**Q2. Use your brain power!**

1. What would happen if no kites (birds) are left in a particular region? Which living things would increase in number? Which would decrease?

**Ans**. If no kites are left in a particular region the number of birds, amphibian, small

mammals and earthworms would increase.

**Q3. Answer the following questions.**

1. What is meant migration?

**Ans.** Movement from one place to another for a short period of time or permanently

is called migration.

1. Describe the life cycle of birds.

**Ans.** Birds lay eggs. The eggs are hatched and after a few days, the small birds come out.

They grow up in the nest. After three-four weeks they become an adult bird and

start laying eggs.

1. Give two causes of water pollution.

**Ans**. The two causes of water pollution are as follows:

i) Waste water given out from factories are let into water bodies without processing.

ii) Chemical fertilizers and pesticides are used in agriculture which seep into the soil

and finally flow into rivers with rainwater.

1. For what purpose do we use land obtained by clearing forests?

**Ans.** We use land for agriculture, housing, industry and for building roads and railways

by clearing forest.

1. What is a sanctuary?

**Ans**. Certain forest areas are reserved for the protection and conservation of a

particular animals or plant. It is called a sanctuary.

1. What are Devrai?

**Ans.** In Indian culture, people believe that a jungle is reserved for god which is known

as Devrai.

**Q4. Give reasons.**

1. It is important to conserve the living components of the environment.

**Ans.** It is important to conserve the living components6 of the environment because:

i) Due to human intervention7 in nature the non living components are getting polluted.

ii) So the living things are threatened.

iii) Several living things have already become extinct.

iv) If one factor of the environment is damaged, it disturbs environmental balance.

v) The process of extinction8 is increasingly fast.

vi) This will be a threat to the whole living world.

1. The numbers of wild animals are falling day by day.

**Ans.** i) Forests have been cut down to make place for various reasons of man’s need.

ii) Forest provide shelter and food to the wild animals.

iii) If the plants on the earth are destroyed the number of animals also falls day by day.

iv) Because of hunting, the population of wild animals is falling.

**Q.5 True or False?**

1) Dead plants and animals are abiotic components.

**Ans.** **True.**

1. It is necessary to conserve biodiversity.

**Ans. True.**

**Q6. Classify the following as natural or man-made.**

(Soil, horse, stone, water hyacinth, book, sunlight, dolphin, pen, chair, water, cotton wool, table, trees, brick.)

**Ans.** 1) Natural: - Soil, horse, stone, water hyacinth, sunlight, dolphin, water,

cotton wool, trees.

2) Man-made:- Book, pen, chair, table, brick.