**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**1st Term Examination 2016 – 17**

**SCIENCE - Class VI**

**50 marks 2 hours**

**INFORMATION FOR STUDENTS**

Marks are given against each question or part of question.

Write your name, roll number and date in the spaces provided below.

|  |  |
| --- | --- |
| Student Name:  | Roll No: |
| Center Name: | Date: |
|  | Day: |
| Invigilator Name: | Sign: |
| Marks Obtained:  | Remarks: |
| Examiner Name:Date: | Sign :Day: |

***OBJECTIVE-20marks***

**Q No1:Fill in the blanks with correct word. 5**

1. A green pigment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Main product of photosynthesis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Process in which chemical energy, instead of sunlight, is used to make “food” \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Process in which sunlight is used to make “food”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Glucose + \_\_\_\_\_\_\_\_\_\_\_\_\_ Water + Heat + Carbon dioxide

**Q No 2: Classify the following as metals/non-metals. 5**

1. Silver **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii.** Iron **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. Oxygen**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ iv.** Calcium **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
3. Carbon**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ v.** Sulphur **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Q No 3: Choose the correct answer. 5**

1. Recycle is
2. Using natural resources b) reusing item over again
3. Creating pollution
4. How can we help to save our environment?
5. Stop pollution b) put garbage in the river

c)Drive our cars everywhere

1. Cellular respiration in the presence of oxygen is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Anaerobic respiration b) glycolysis

c)Aerobic respiration d) oxygen respiration

iv. Most autotrophs make “food” through the process of \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Cellular respiration b) chemosynthesis

c)homeoostasis d) photosynthesis

v. What are tiny bits of liquid or solid matter called?

 a) Oil spills b) environment

 c) particulates

**Q No 4**: **Draw a line from a food chain term to its definition. 5**

Does not produce own food.

Sun

Necessary source of energy for producers.

Producer

Food chain

Living organism which feeds off dead plants and animals.

Living organism that takes non-living matter and uses it to produce food for itself with surplus for other living organisms.

Decomposer

Series of steps by which energy is obtained, used and changed by living organisms.

Consumer

***SUBJECTIVE-30(marks)***

**Q No 1: Answer any five of the following questions. 5x4=20** i) What is the role of decomposers?

 ii) How humans are effecting their environment?

 iii) Compare photosynthesis and respiration.

 iv) What is a cell made up of?

 v) Why are kidneys important?

 vi) What is nucleus?

**Q No 2: Identify and label the parts of a microscope. 5**



**Q No 3: Draw the internal leaf structure. 5**