**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**1stTerm Examination 2016 – 17**

**SCIENCE - Class VII**

**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-20(marks)***

**Q No1:Fill in the blanks. 5**

 i) Petri is the carnivore. This means it eats only \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 ii) Substances called \_\_\_\_\_\_\_\_\_\_\_\_\_breakdown molecules of food into smaller, different molecules.

 iii) Categories of nutrients that need to be digested are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 iv) In the \_\_\_\_\_\_\_\_\_\_\_\_\_most of the digestion occurs.

 v) In the \_\_\_\_\_\_\_\_\_\_\_\_\_water is absorbed and created in faeces and stool.

**Q No 2: Choose the best answer. 10**

 i) Fruit is a fertilized product which develops from

 a) Ovule b) Ovary c) Carpal d) Egg cell

 ii) How many nuclei are involved in double fertilization?

1. 3 b) 4 c) 5 d) 7

 iii) A food chain starts with one animal eating another animal.

1. True b) False

 iv) A snapping turtle is just one \_\_\_\_\_\_\_\_\_\_\_\_\_\_ or type of turtle.

1. Organism b) species c) population d) community

 v) Fertilization of egg cell occurs inside the

 a) Anther b) Stigma c) Pollen tube d) Embryo-sac

 vi) Which of the following can best be compared to soldiers ?

1. Lungs b) capillaries c) red blood cells d) white blood cells

 vii) Which element in the blood is round and colorless?

1. Plasma b) platelets c) red blood cells d) white blood cells

viii) Which type of blood vessels carries blood away from the heart?

1. Veins b) arteries c) capillaries d) arteries, veins and capillaries

 ix) Which of the following does not produce digestive juices?

1. Kidneys b) stomach c) pancreas d) Liver

 x) Where is the digestive enzyme amylase found?

 a) Stomach b) mouth c) chest d) brain **Q No 3: Write the blood components and their function.** **5**

|  |  |
| --- | --- |
| Blood components | Function |
|  |  |
|  |  |
|  |  |

**SUBJECTIVE-30(marks)**

**Q No 1: Answer any five the following questions. 5x4=20**

1. Explain a food web.
2. How do animals interact in our ecosystem?
3. What is the relationship between predator and prey?
4. Write the difference between exhalation and inhalation?
5. Differentiate between diarrhea and constipation?
6. Describe two food chains in the environment around us.
7. What is difference between a population, community and ecosystem?

**Q No 2:Draw the seed bean and write down four or more properties including length and width**. **10**