**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**1st Term Examination 2016 – 17**

**SCIENCE - Class IV**

**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(a):Fill in the blanks. 6**

1. Water is \_\_\_\_\_\_\_\_\_\_\_ for life.
2. Insects have 3 body sections head, thorax and \_\_\_\_\_\_\_\_\_\_\_.
3. Animals get \_\_\_\_\_\_\_\_\_\_\_ from air to breathe.
4. Herbivores are \_\_\_\_\_\_\_\_\_\_\_.
5. Skeletal muscles are \_\_\_\_\_\_\_\_\_\_\_ because we can control them.
6. Thin root is also called as \_\_\_\_\_\_\_\_\_\_\_.

**Q No1(b):Write ‘T’ for true or ‘F’ for false statement. 5** i. Ligaments connect muscles to bones.

ii. Heart is a muscle.

iii.Muscles work in pairs.

iv.Involuntary muscles are under control.

v. Skeletal, or voluntary, muscles are muscles that are under control.

**Q No2:Fill in the blanks with best answer. 5**

i) The study of body parts function is called \_\_\_\_\_\_\_\_\_\_\_\_\_.

 a) Physiology b) Hematology c) anatomy d) none of these

ii) All are herbivores except \_\_\_\_\_\_\_\_\_\_\_\_.

 a) Cow b) Fungi c) Goat d) Birds

iii) Carnivore means \_\_\_\_\_\_\_\_\_\_\_\_

 a) meat eater b) plant eater c) furit eater d) none of these

iv) Arachnids have \_\_\_\_\_\_ legs.

 a) 8 b) 6 c) 4 d) 7

v) \_\_\_\_\_\_\_\_\_\_ makes pollens.

 a) Carpels b) Stamens c) Petals d) Sepal

**Q No3:Match the Columns.** 4

|  |  |
| --- | --- |
| **Column A** | **Column B** |
|  Sepal | Make pollen |
|  Petal | Protects the bud until it opens |
|  Stamen | Grows into fruits which contain the seeds. |
|  Carpel | Male reproductive part of plants. |

***SUBJECTIVE-30marks***

**Q No1: Answer any five of the following questions. 4 x 5 = 20**

i) What are ligaments?

ii) How do muscles move?

iii) Name the bacterium that causes acne.

iv) What is the endosperm?

v) Why we need carbohydrates?

vi) What bones contain in their most part?

**Q No2: Draw the internal structure of a seed. 5**

**Q No 3: Make one flow chart of animals world. 5**