**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***

**Q. No. 1: Fill in the blanks. 10**

1) \_\_\_\_\_\_\_\_\_\_\_are very small and are formed in the sporangia?

2) Angiosperms are also called \_\_\_\_\_\_\_\_\_\_\_.

3) We should eat very little from\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_group.

4) Insects have three body sections \_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_.

5) The red bone marrow inside some large bones produces\_\_\_\_\_\_\_\_\_\_\_.

6) The study of structure and the relationships among structures is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7) Kwashiorkor is due to taking \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ diet.

8) \_\_\_\_\_\_\_\_\_\_\_ in an important barrier to infections and diseases.

**Q. No. 2: Choose the best answer. 5**

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

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

ii) \_\_\_\_\_\_\_\_\_\_\_ grind the food.

 a) molars b) pre-molars c) Incisors d) all the above

iii) What is the largest tropical rainforest of the world?

 a) amazon b) sahara c) san diego d) none the above

iv) Snake is an example of \_\_\_\_\_\_\_\_\_\_\_

 a) mammals b) reptiles c) birds d) fish

v) Birds are \_\_\_\_\_\_\_\_\_\_\_

 a) warm blooded b) cold blooded

 c) both a & b d) none of these

**Q. No. 3: Write True or false. 5**

1) Ligaments connect muscles to bones. \_\_\_\_\_\_\_\_\_\_\_

2) Heart is a muscle. \_\_\_\_\_\_\_\_\_\_\_

3) Skeletal or voluntary muscles are the muscles that are under control. \_\_\_\_\_\_

4) Involuntary muscles are under control. \_\_\_\_\_\_\_\_\_\_\_

5) Muscles work in pairs. \_\_\_\_\_\_\_\_\_\_\_

***SUBJECTIVE-30***

**Q. No. 4:Compare the life cycles of a snake and a chicken. Write their differences and similarities in a form of table. 10**

|  |  |
| --- | --- |
| **Similarities** | **Differences** |
|  |  |

**Q. No. 5:Answer the following questions ( Any five). 20**

i) Why do we need carbohydrates?

ii) What is tooth decay?

iii) What are ligaments?

iv) Differentiate between voluntary and involuntary muscles.

v) How do muscles move?

vi) Discuss the role of pollination in reproduction.

vii) What is epigeous germination?

viii) Write down the composition of embryo.

ix) Differentiate between monocots and dicots.

x) How aquatic plants are different from land plants?

xi) What is environment?

xii) What a000re omnivores? Give examples.