**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**1st Term Examination 2016 – 17**

**SCIENCE - Class V**

**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.

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| 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**

1. Pods are also called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The ovary is at the bottom of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_protects the flower.
4. The growth of the root through the seed coat is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Transfer of pollen grains from one flower to another similar flower is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_pollination.

**Q No2:Choose the best answer. 5**

i). \_\_\_\_\_\_\_\_\_\_\_\_\_\_hunt other animals for food.

1. herbivores b) predator c) producer d) Prey

ii) The balance between living and non-living is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Hydrological balance b) ecological balance c) nitrogen balance d) none of the above

iii) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_absorb water from the soil.

1. stem b) leaves c) root d) flower

iv) A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of one chain can linked to the \_\_\_\_\_\_\_\_\_\_\_\_of the other chain.

a) prey b) predator c) producer d) none of the above

**Q No3: Explain the following parts of the flower. 10**

1. **Sepal** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**ii) Petal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**iii) Stigma \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**iv) Pollen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**v) Ovary \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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***SUBJECTIVE-30marks***

**Q No1: Answer any five of the following questions. 5x4=20**

i) Differentiate between monocots and dicots.

ii) What are the angiosperms and gymnosperms?

iii) Explain how pollination occur.

iv) What is the meaning of micro-organism?

v) Name some exercises that will increase pulse rate?

vi) What are the factors that are involved in seed dispersal?

**Q No2: Draw and label the life cycle of plant. 10**