

AFSS CENTRAL EVALUATION SYSTEM

Central Assessment Team (CAT), HO Islamabad

Final Term/ Annual Examination 2015 – 2016

SCIENCE - Class IV

100 marks 3 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: Sign :

Date: Day:

OBJECTIVE

Q. No. 1: Fill in the blanks.

10

- i) Water cycle is scientifically known as _____
- ii) Our body contains almost _____% water.
- iii) Conifers or gymnosperm are examples of _____ bearing plants.
- iv) The _____ are the seed leaves used for food storage.
- v) Tiny root is also called as _____.
- vi) The food supply of seed is called _____..
- vii) _____ are flesh eating animals.
- viii) Secondary consumers eat the _____ consumers.
- ix) The top layer of earth's crust is called _____
- x) Angiosperms are also called as _____ plants.

B. Identify TRUE / FALSE statements.

5

- i) Ligaments connect muscles to bones.
- ii) Heart is a muscle.
- iii) Skeletal, or voluntary muscles are the muscles that are under control.
- iv) Involuntary muscles are under control.
- v) Muscles work in pair.

C. Choose the correct answer.

10

- i) _____ are fluids at room temperature.
a) liquid (b) solids (c) gases (d) all

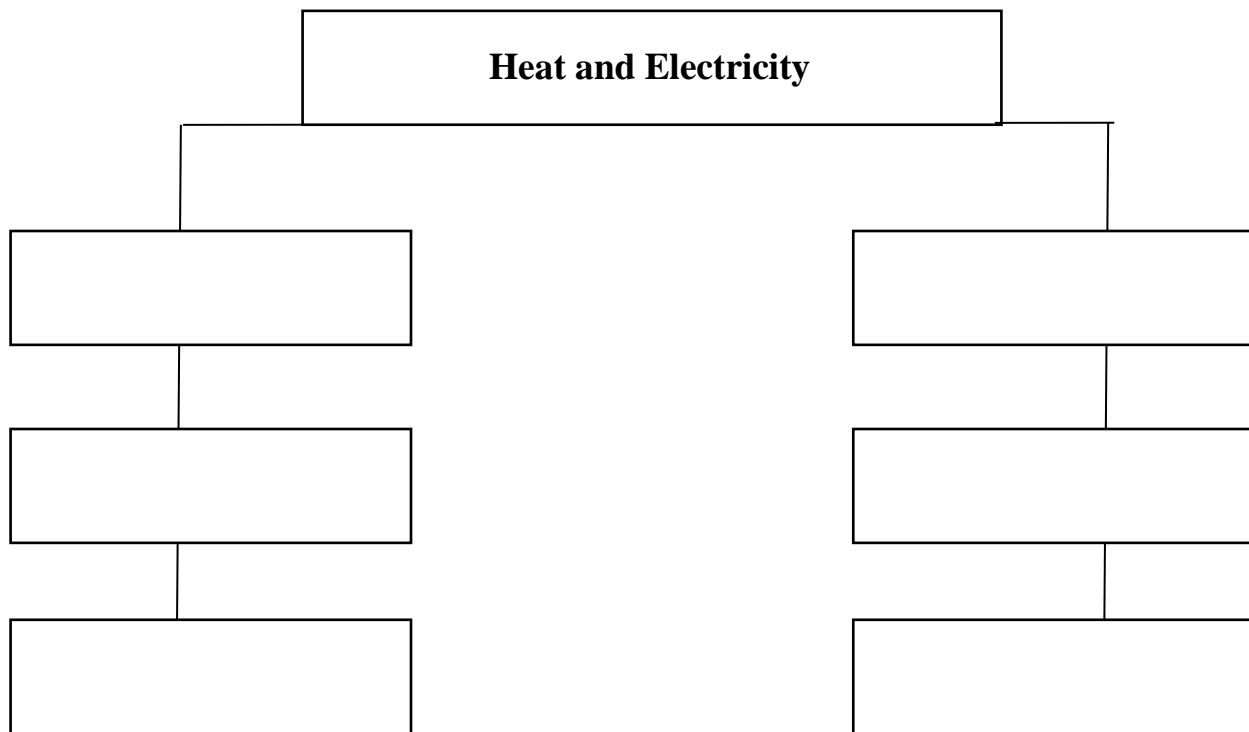
Q. No. 2: Match the column A with column B.

5

| 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 |
| Cotyledons | The seeds leaves used for food storage. |

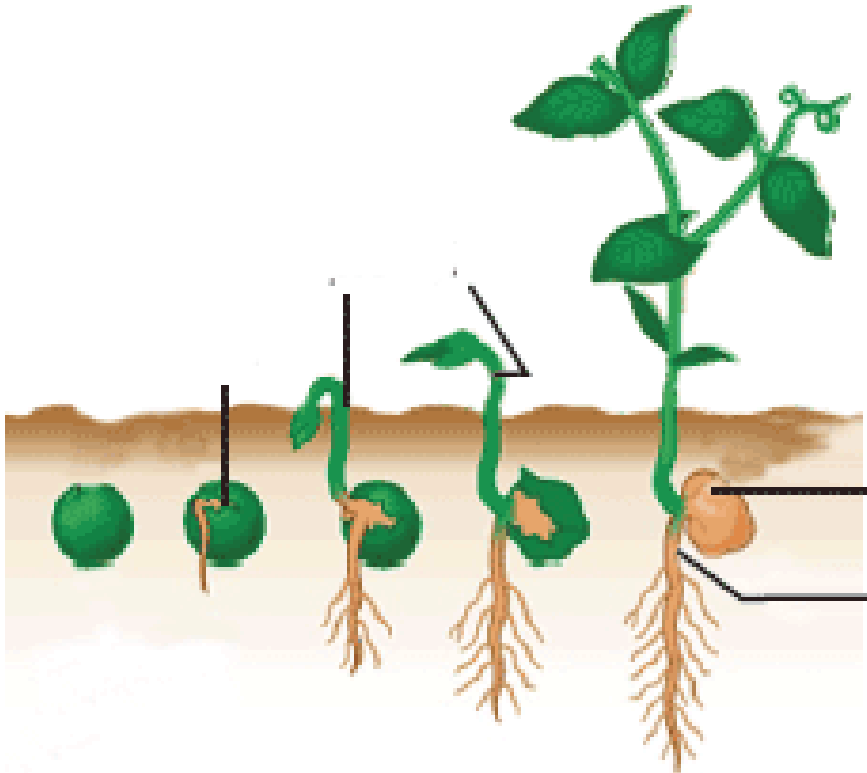
B) Label the flow chart of heat & electricity.

6



C) Label the digram.

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SUBJECTIVE

Q. No: 3. Answer the short questions. (any 10)

10 x 3 = 30

- i) What is the difference between rotation & revolution?
- ii) What type of movement causes day & night?
- iii) How are sounds produced?
- iv) Name five things sound can travel through?
- v) What is the endosperm?
- vi) Discuss the role of pollination in reproduction.
- vii) How many cotyledons are present in a bean seed?
- viii) What is the speed of sound?
- ix) Write down the composition of embryo?
- x) Differentiate between monocot & dicot.
- xi) How aquatic plants are different from land plants?
- xii) Define endoskeleton. Give examples of animals that have endo-skeleto.
- xiii) What are ligaments?
- xiv) How do muscles move?

Q. No: 5. Label the diagram of the human body.

10

