

**GREEN LAWNS HIGH SCHOOL  
FINAL EXAMINATION YEAR 2020**

**SUBJECT: GENERAL SCIENCE  
TIME: 1 ½ HOURS**

**CLASS: VI  
MARKS: 80**

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**Note:**

- All answers to be written on the answer booklet provided to you.
- You will not be allowed to write during the first 10 minutes. Use this time to read the paper carefully.
- The time given at the head of this paper is the time allowed for writing the answers.
- The intended marks for a question are given in the brackets.
- Write concise, to the point answers using scientific terms.

**Q.1 Fill in the blanks. (Write only answers) (10)**

- 1) Disease that spread from one person to another is called as \_\_\_\_\_ disease.
- 2) \_\_\_\_\_ is the technique used for separating dissolved component in a liquid.
- 3) Plants make their food called \_\_\_\_\_ by the process of photosynthesis.
- 4) Sedimentation should be followed by \_\_\_\_\_ to get clear liquid.
- 5) A group of light rays is known as \_\_\_\_\_ of light.
- 6) Amount of water vapour present in air is called \_\_\_\_\_.
- 7) The dark area behind an opaque object when light falls on it is called as \_\_\_\_\_.
- 8) The body of a fish is \_\_\_\_\_ in shape.
- 9) \_\_\_\_\_ is called as body building food as it help us to grow.
- 10) The plants growing on trees or walls are called \_\_\_\_\_ plants.

**Q.2 Name the following. (10)**

- 1) An example of a gas which is an inactive or inert gas.
- 2) The partially dark region of shadow.
- 3) A separation technique which gives both the liquid as well as solid component.
- 4) The deficiency disease of Iron.
- 5) A vegetable which is a good source of roughage.
- 6) The main source of light on the Earth.
- 7) The green pigment present in leaves of plants.
- 8) The organ present in the fishes which has air and help them to float in water.
- 9) The disease which spreads through infected dog bite.
- 10) The special name given to the trees found on mountains.

**Q.3 State whether true or false. If false, correct the false statement.**

**(Write true or false and only correct word)**

- 1) An inverted image is obtained in pinhole camera.
- 2) Wheat flour and husk can be separated by the process of hand-picking.
- 3) An injury caused by moist heat is called as scald

**(10)**

- 4) Mixtures are pure substances.
- 5) Plastic and polythene can be used for composting.
- 6) Nitrogen is a non-combustible gas.
- 7) The entire body of a desert plants is covered with thick cuticle.
- 8) All living things release energy during the process of photosynthesis.
- 9) Clarity of an image obtained in pinhole camera increases as its size increases.
- 10) Bones of birds are hollow and carry air in them.

**Q.4 Pick the odd one out. Give reason for your answer. (10)**

- 1) Rice, Wheat, Oil, Potato, Maize.
- 2) Conjunctivitis, Mumps, Measles, Pneumonia, Influenza.
- 3) Victoria, Hydrilla, Lotus, Barclaya.
- 4) Algae, Orchids, Water hycinth, Mosses.
- 5) Pine, Fir, Cactus, Larch.

**Q.5 Match the following. (Write correct pairs in words) (5)**

Column A	Column B
1) Separating cream from milk	a) Sieving
2) Excess of protein	b) Obesity
3) Protein synthesis	c) Typhoid
4) Excess of fat	d) Kidney damage
5) Separating gravels from sand	e) Nitrogen
	f) Centrifugation

**Q.6 Differentiate between the following based on the point given in the brackets. (Write in a tabular form) (4)**

- 1) Photosynthesis and Respiration (Gas released).
- 2) Transparent objects and Opaque objects (Meaning).
- 3) Scurvy and Rickets (Caused by deficiency of which vitamin).
- 4) Malaria and Dengue (Name of the vector).

**Q.7 Define the following. (5)**

- 1) Balanced Diet. 2) Mixtures. 3) Focal length of pinhole camera.
- 4) Habitat. 5) Rusting.

**Q.8 Give scientific reasons for the following. (5)**

- 1) Lotus has a waxy coating on its leaves.
- 2) Sun is a luminescent object.
- 3) Milk is considered as a mixture.
- 4) Waste water coming from industries should be treated before throwing it in water bodies.
- 5) Gaps or holes are made in the burners used for burning of different fuels.

**Q.9 Explain how, following special modifications help different organisms to survive in their habitat.**

(5)

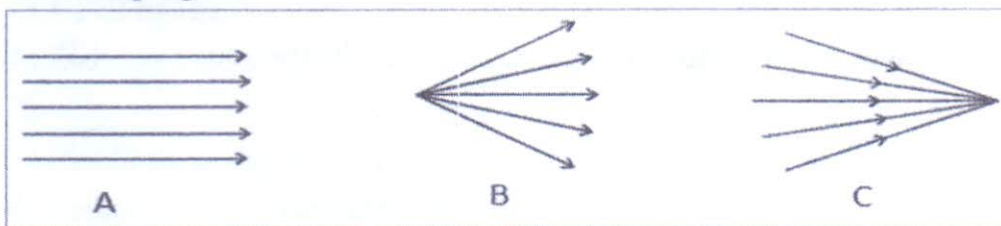
- 1) Spines on cactus.
- 2) Hump of camel.
- 3) Long fluffy hair of mountain goats.
- 4) Claws of birds.
- 5) Gills in the fishes.

**Q.10 Answer the following questions based on the given picture:**

(16)

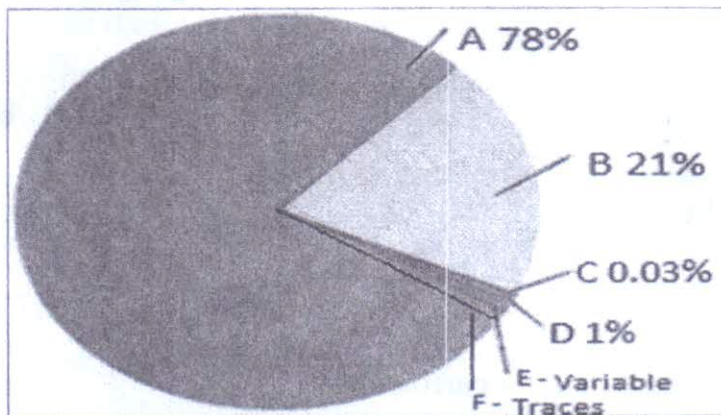
1) Identify the different types of rays of light labelled as A, B and C in the following figure.

(3)



2) Identify the main components of air labelled as A, B, C, D, E and F in the following figure.

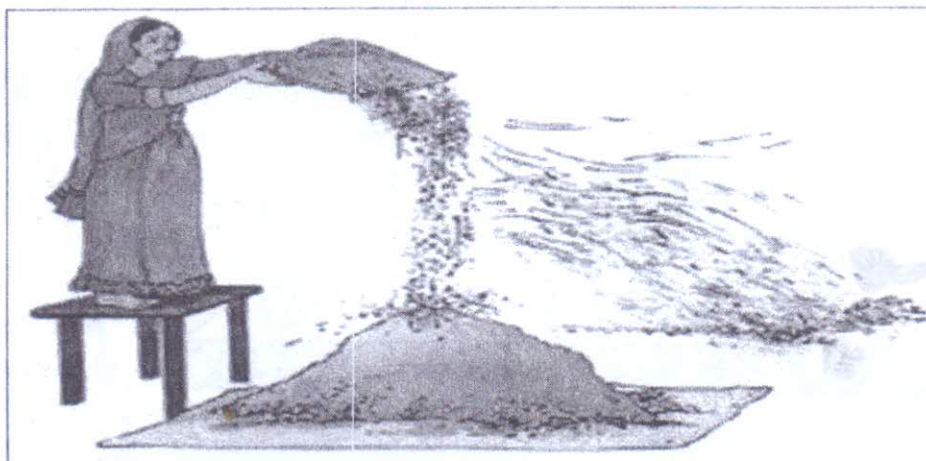
(3)



3) a) Identify the method of separation shown in the following picture.

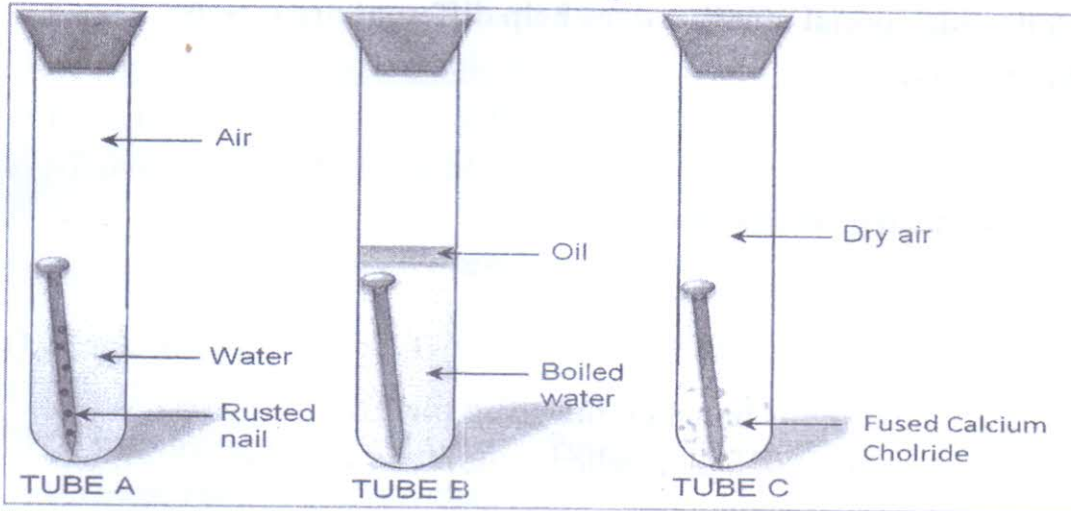
(2)

b) What is the use of this method?

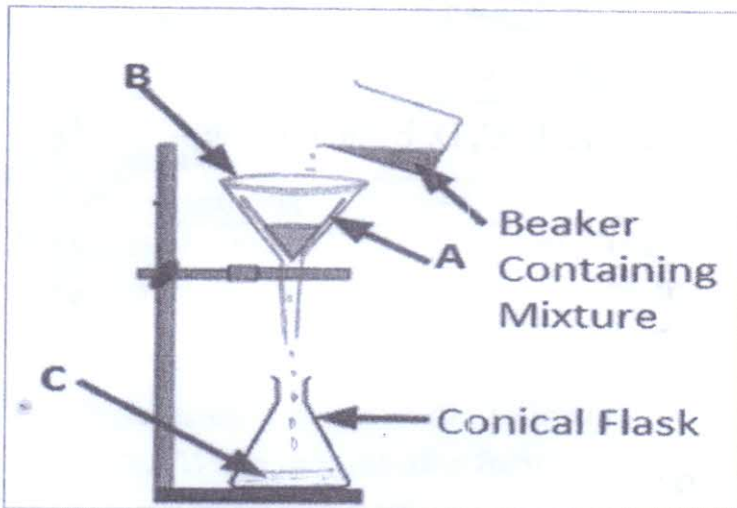


CR-7B  
14/2/20  
(2)

- 4) a) What is a function of fused calcium chloride in Test tube C?  
b) Why does iron nail in Test tube A get rusted?



- 5) Label the parts of the following figure indicated as A, B and C. Name the Process. (2)



- 6) a) Name the vitamin which can be obtained by eating carrots.  
b) Name the deficiency disease caused by above vitamin. (2)

- 7) Name the property of light shown in the following picture. What is the meaning of this property? (2)

