

St. Ursula Girls' High School & Junior College, Nagpur

FINAL EXAMINATION 2020

Class : VIII (ADEFG)

Time : 2 Hrs.

Marks : 50

Subject : G. Science

Q.1(A) Solve the following questions:

(5)

1. Name the following : Leaves are green because of me
2. Find odd one out
Trachea, aleveoli, diaphragm, capillaries
3. Give two examples of Degradable materials -
4. Write co-relation between :
Air? Natural material : _____ Man made material
5. State whether true or false. correct the false statement
Heat flows from an object at higher temperature to an object at lower temperature.

Q. B) Choose and write the correct option.

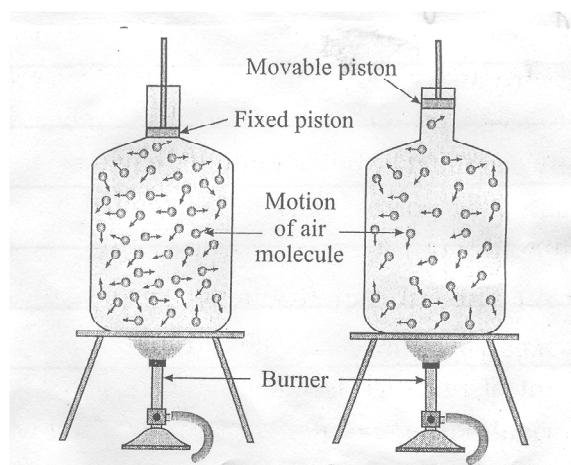
(5)

1. Thermocol melts at _____ °C
a) 150 b) 100 c) 101 d) 105
2. The reflection of light from a wooden surface is _____ reflection
a) regular b) irregular c) none of these d) more of these.
3. Rusting of iron is a _____ change
a) physical b) chemical c) both (a) and (b) d) none
4. The star closest to sun is _____
a) sirius b) vega c) Alfa contauri d) polaris
5. Microbes are also called as
a) Parasites b) saprophytes c) Decomposers d) Herbivorous

Q. 2 Answer the following questions (Any 6)

(12)

1. Give scientific reason : Toothpaste is used for brushing teeth.
2. Write uses of PVC.
3. Give functions of Plasma membrane
4. How do stars form ?
5. Differentiates between Evergreen forests and grasslands
6. If the angle between the plant mirror and the incident ray is 40° . What are the angles of incidence and reflection.
7. Using the formula density = $\frac{\text{Mass}}{\text{Volume}}$
explain what will be the effect of heat on the gas kept in a closed bottle.



8. State the functions of blood

Q. 3. Answer the following questions :

1. How is urbanization responsible for destruction of Ecosystem ?
2. What are the effects of following materials on environment and human health and Explain Plastic or Glass
3. How is sound produced in a human larynx and a loudspeaker?
4. Draw a figure describing the following : The reflecting surfaces of two mirror make an angle of 90° with each other. If a ray Incident on one mirror has an angle of incidence is 30° . draw the ray reflected from the second mirror. What will be its angle of reflection?
5. Explain why rails have gaps at specific distances.
6. Show with the help of diagram of electronic configuration. How the compound sodium chloride is formed from the constituent atoms?
7. Draw neat and labeled diagram of Respiratory system.
8. Difference between :
Arteries and Veins

Q. 4. Answer the following questins : (Any 2)

(10)

1. Write a short note on Human Blood group and Blood donation.
2. Explain the construction and working of a calorimeter with a neat labelled diagram.
3. Explain the structure and functions of Mitrochondria.

