

Std.: 8 (English)

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## **General Science**

**Marks: 50**

**Time: 2 hrs**

Chapter: 10 to 19

**Q.1 A) Choose the correct alternative and rewrite the sentence**

(5)



**B) Write the following statement and state whether they are true or false.**

(2)

- 1) We can see the objects only in the presence of light.
  - 2) The process to excrete waste materials out of the cell is called endocytosis

**C) Match the following**

(2)

Column - A	Column - B
i. Normal body temperature	a. 6.75
ii. pH of oxygenated blood	b. 7.4
	c. 25° C
	d. 37° C

#### D) Find co-related terms :-

(2)

- 1) Blood away from heart : Arteries :: Blood towards heart : .....

2) Cactus: Desert:: ..... : Greeks

**B) Name the following**

(2)

1) My gravity is so strong that everything around me gets swirled into me. Who am I ?

2) Forest famous for Asiatic Lion in India.

**Q.2 A) Give scientific reasons. (any two)**

(4)

1) Upward and downward movement of diaphragm occurs consecutively.

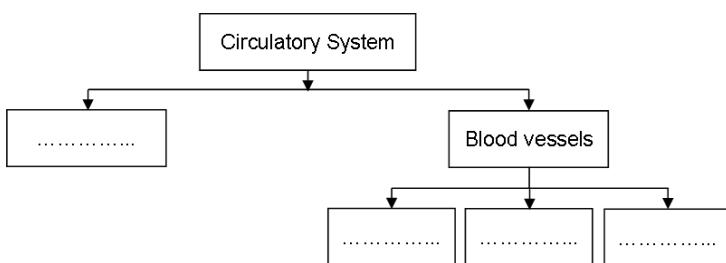
2) In saloon, one can observe the hair on the back side.

3) The label on the bottle of chemical is spoiled. How will you find whether the chemical is acidic or not?

**B) Answer the following questions. (Any four)**

(8)

**1) Complete the given table**



**2) Distinguish between**

Heat and temperature

**3) Write Short Notes on**

Ionic compound.

**4) Give scientific reasons**

Human blood is red coloured.

**5) Label the given diagram**

**5) Draw 'Reflection of Light' showing the following.**

a. Incident ray

b. Normal

c. Reflected ray

d. Angle of incidence

e. Angle of reflection

f. Point of incidence

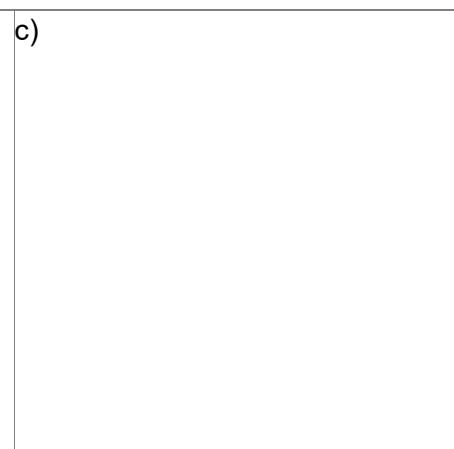
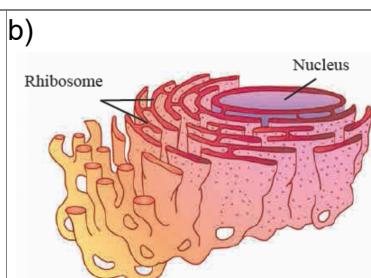
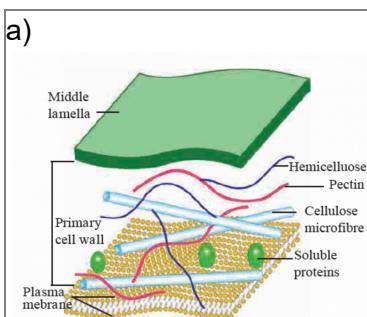
**6) Name the four components of the cell.**

**Q.3 Answer the following (Any Five)**

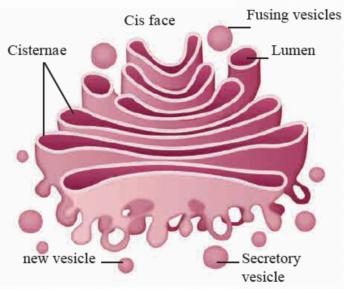
(15)

**1) Explain the role of interstellar clouds in the birth of a star.**

**2) Identify the figure and write any one function of the following.**



Function



- 3) Which measures will you arrange to minimize the environmental problems arising due to non-degradable plastic?
- 4) Take the lemon juice in a clean glass. Take two drops of the lemon juice in a spoon and taste. Add a pinch of baking soda in the glass of lemon juice.
  - i. What is the observation of the following activity?
  - ii. Which component is acidic and which is basic in the reaction?
  - iii. What is the type of reaction taking place here?
- 5) Describe the following picture.



**Prism**  
colours of your Dreams

- 6) Explain the maximum minimum thermometer with examples of thermometer?

**Q.4 Answer the following questions. (Any Two)**

(10)

- 1) Explain properties and uses of Acid.
- 2) Explain the formation of Ionic bond.
- 3) Explain the given diagram Human Respiratory System and Alveoli.

(b)

