

KENDRIYA VIDYALAYA VIJAYAPURA

HALF YEARLY EXAM 2019-20

SCIENCE, CLASS- VIII

TIME=2:30hrs

MM= 80

SECTION-A

Q.1.Fill in the blanks-(1x5= 5M)

- a)Friction produces-----.
- b)Phosphorus is a very-----non-metal.
- c)Damaged seeds would-----on the top of water.
- d)Burning of fuels and coal causes-----of air.
- e)Species found in particular area is known as-----.

Q.2.Correct the following statements- (1x5=5M)

- a)Amoeba has irregular shape. (T/F)
- b)Synthetic fibres are also called artificial fibre. (T/F)
- c)Alcohol is produced with the help of yeast. (T/F)
- d)The force applied by the archer to stretch the bow is an example of a muscular force. (T/F)
- e)Coal can be drawn into wires. (T/F)

Q.3.Give one word for the following-(1x5=5M)

- a)The process of the cutting of the crop manually or by machines.
- b)The structural and functional unit of life.
- c)The lowest temperature at which a combustible substance catches fire.
- d)Properties of metals that can be shaped into thin flat sheets.
- e)The force that opposes the relative motion between two surface of objects in contact.

Q.4.Match the followings -(1x5=5M)

Column A	Column B
(I) Lactobacillus	(a) Fuel
(II) LPG	(b) setting curd
(III) Metal	(c) Cell wall
(IV) Plant cell	(d) synthetic fibre
(V) Silk	(e) Aluminium

Q.5.Define the followings-(1x5=5M)

- a)Fossil fuel
- b)Ductility
- c)Acid rain
- d)Nucleus
- e)Red data book

Q.6.Give one reason for the followings-(1x5=5M)

- a)Saucepan handles are made up of thermosetting plastics.
- b)Sportsmen use shoes with spikes.
- c)Plastic containers are favoured for storing food.
- d)Carbon dioxide is able to control fires.
- e)Aluminium foils are used for packaging.

Q.7.Multiple choice questions-(1x5=5M)

- a)Which one of these is natural fibre-
(i)Cotton (ii)Rayon (iii)plastic (iv)Acrylic
- b)The process of conversion of sugar into alcohol is-
(i)Infection (ii)Moulding (iii)fermentation (iv)Nitrogen fixation
- c)Which one of these is exhaustible natural resource-
(i)Sunlight (ii)water (iii)Air (iv)petroleum

d)Part of the cell responsible for green color of plants-

(i)Nucleus (ii)Chloroplast (iii)vacuole (iv)cytoplasm

e)Example of extinct species-

(i)Dinosaur (ii)Lion (iii)Mango (iv)Elephant

SECTION-B

Q.8.Very short answer type of questions-(1x5=5M)

a)How do we control weeds?

b)What do you mean by fermentation?

c)What are the properties of metal?

d)What is the function of cell membrane?

e)What do you mean by Exhaustible natural resources?

Q.9.Short answer type questions-(2x5=10M)

a)Why does plant cell have a cell wall and chloroplast?

b)Draw the structure of animal cell.

c)Give two example of friction.

d)Give two examples which indicate that nylon fibres are very strong.

e)Can you store pickle in an aluminium utensil?

SECTION-C

Q.10.Long answer type questions-(3x5=15)

a)Explain how deforestation leads to reduced rainfall?

b)Sodium and potassium are stored in kerosene. Give reason?

c)What are antibiotics? What precautions must be taken while taking antibiotics?

d)Compare LPG and wood as fuels.

e)Make a sketch of the human nerve cell. What functions do nerve cells perform?

Q.11. Very long type questions-(5x3=15)

a) Explain why sliding friction is less than static friction?

b) Explain the difference between thermoplastic and thermosetting plastic?

c) What is irrigation? Describe two methods of irrigation which conserve water.