

Kendriya Vidyalaya Sitapur

1st Periodic test

Class-VII

Subject-Science

Time-1.5 hours

M.M. -40

Q.1 Fill in the blanks:-

[1x5=5]

- (i) Green plants are called.....because they synthesis their own food.
- (ii) The largest gland in the human body is.....
- (iii) The materials which do not allow the haet to pass through them are called.....
- (iv) Changes in which new substances are formed are called.....changes.
- (v) Silk is an example offibre.

Q.2 Match the following:-

[1x5=5]

- | | |
|-----------------------|------------|
| (i) Cuscuta | Base |
| (ii) Lemon juice | Parasite |
| (iii) Protein | Acid |
| (iv) Sodium hydroxide | Conductor |
| (v) Copper | Amino acid |

Q.3 Write TRUE or FALSE against each statement:-

[1x5=5]

- (i) Carbon di oxide is released during photosynthesis.
- (ii) The gall bladder temporarily stores bile.
- (iii) Glass is a conductor of heat.
- (iv) Nitric acid turns red litmus blue.
- (v) Cutting a log of wood into pieces is a physical change.

Q.4 Choose the correct alternative:-

[1x5=5]

- (i) The plant that traps and feeds on insects is:-
 - (a) Cuscuta
 - (b) Chinarose
 - (c) Pitcher plant
 - (d) Rose
- (ii) The simplest form of carbohydrates is
 - (a) Fatty acid
 - (b) Amino Acid
 - (c) Sugar
 - (d) Glucose
- (iii) Which of the following does not yield wool
 - (a) Yak
 - (b) Camel
 - (c) Goat
 - (d) Wolly dog
- (iv) Neutralisation is a reaction between

- (a) Two acids (b) Two bases
(c) One acid and one base (d) One acid and one neutral substance

(v) The device that is used to measure the coldness or hotness of an object is

- (a) Manometer (b) Barometer
(c) Voltmeter (d) thermometer

Q.5 Define the following terms:- [1x5=5]

- (a) Physical change (b) Conductor (c) Saprotrophs
(d) Natural fibre (e) Indicator

Q.6 Answer the following questions:-

- (i) What is photosynthesis? [2]
(ii) Why calamine solution is applied on the skin when ant bites? [2]
(iii) When baking soda is mixed with lemon juice bubbles are formed with evolution of a gas. Which type of reaction is this? Explain. [2]
(iv) Write one similarity and one difference between the nutrition in amoeba and nutrition in human being. [3]
(v) What are various mode of heat transfer? Explain. [3]
(vi) Draw life cycle of a silk moth. [3]