

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]