

# KENDRIYA VIDYALAYA NDA PUNE

## PERIODIC TEST – I (2018-2019)

Subject – Science

Max Marks – 40

Class – VII

Time – 90 Min

General instructions –

1. All questions are compulsory.
2. Question paper consists of two sections, A & B. Part A is theory based and part B is practical based.
3. **Internal choice** in question **9 & 16**.
4. Questions **1-2** are of **one mark** each. To be answered in **one sentence**.
5. Questions **3-7** are **two marks** each. To be answered in about **30 words**.
6. Questions **8-11** are **three marks** each. To be answered in about **50 words**.
7. Questions **12-13** are **five marks** each. To be answered in about **70 words**.
8. Questions **14-16** are two marks each. These are **practical based questions**.

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### Section – A

1. Name the thermometer used to measure human body temperature. (1)
2. Is rusting of Iron physical or chemical change? (1)
3. Describe symbiotic relation with example. (2)
4. What are villi? Write their function and location. (2)
5. Draw life cycle of silk moth. (2)
6. Match the following – (2)

Column - I	Column – II
Sea breeze	Night time
Land breeze	Winter
Light colour cloth	Day time
Dark colour cloth	Summer

7. State differences between acids and bases. (2)
8. Answer the following – (3)
  - a. Why there is no pain to sheep while shearing?
  - b. Name the two stages directly related with silk production.
  - c. What is reeling of silk?

9. How would you use clinical thermometer? Write step wise. (3)

**Or**

Give the precautions required for use of laboratory thermometer?

10. Explain why – (3)

- a. We take antacid tablet is taken when we suffer from acidity.
- b. Calamine solution is applied on skin when an ant bites?
- c. Factory waste is neutralised before disposing it into the water bodies.

11. Write three differences between physical and chemical changes. (3)

12. Answer the following – (2+3)

- a. Why human beings cannot digest cellulose but ruminants can?
- b. Draw well labelled diagram of human digestive system.

13. Describe photosynthesis. Draw diagram and also write the factors essential for photosynthesis. (5)

### **Section B**

14. Clinical thermometer can read by taking out of mouth, but not laboratory thermometer. Why? (2)

15. What is neutralisation process? (2)

16. What are the precautions while burning magnesium ribbon? (2)

**Or**

Give one example of physical and chemical change each.

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