KV NDA PUNE

PERIODIC TEST -1   2018-2019

CLASS VII   SUB:- SCIENCE   MARKING SCHEME   MM-40   SET 2

Ans 1.conductors—metals

Insulators---wood.   1.

Ans 2.false   1.

Ans 3. (a) Stomata

(b) Cuscuta   2.

Ans 4. Villi = it is finger like projection from inner linning of small intestine

Location = Small Intestine

Function = to increase surface area for absorption of nutrients   2.

Ans 5. Removing hair coat from body of sheep is known as shearing.   2.

Ans 6. Similarities

1. Both have mercury bulb.
2. Both have glass tube.
   Differences
1. Clinical thermometer is used to measure temperature of humans but Laboratory thermometer is used to measure temperature of various objects.
2. Clinical thermometer has kink which stops back flow of mercury but Laboratory thermometer do not have any kink   2.

Ans 7. Acids = 1. Acids are sour in taste.

2.Acids are not soapy to touch

3.In acid colour of turmeric is yellow.

4. In acid colour of Litmus paper is Red.

Bases = 1.Bases are bitter in taste.

        2. Bases are soapy to touch.

        3 . In base colour of turmeric is reddish –brown

     3. In base colour of Litmus paper is Blue   2.

Ans   8. Air gap between two layers of clothes provides insulators against

     heat loss. So it prevents us from cold.

Ans 9. (a) Sericulture = Rearing and breeding of silk moth to produce silk.   3.

(b) Rearing = providing an organism food , shelter , and all the health cares.

(c) Reeling = the process of taking thread from cocoon for use as silk.

Ans 10. The nature of this solution is neutral or a base .

Ans 11. When baking soda is mixed with lemon juice it produces a gas named carbon dioxide . When this gas is passed by lime water it gets milky

    Baking soda + lemon juice – Carbon dioxide

       Here , new product is formed

         So this is chemical change

Ans 12. (a)by iodine.

(b) photosynthesis.   5.

Ans 13.in liver it digest fats.

(b)because it is simple sugar and easy to digest.   5.

Ans 14. By convection.   2.

Ans 15.because soap consist of base.   2.

Ans 16. Because iron is more reactive than copper and displaces it.   2.