

CBSE Unit Test paper 13

Time :1 Hr

Subject – Science & Technology

MM :25

Class -X

Section -A Physics / Chemistry

1. Name two alternative sources of energy. [1]
 2. During summer season a milkman usually adds a very small amount of baking soda to fresh milk. Give one reason. [1]
 3. What is the principle of solar cooker? [1]
 4. An organic compound burns with a sooty flame. Is it a saturated or unsaturated compound. [1]
 5. What is iris? What is its function? [1]
 6. Tooth enamel is one of the hardest substance in our body. How does it undergo damage due to eating chocolates and sweets? What should we do to prevent it? [2]
 7. Write two advantages and two limitations reaction. [2]
 8. Differentiate between saponification and Esterification reaction. [2]
 9. Why does the sun appears reddish at the of sunset and sunrise? [2]
 10. A housewife wanted her house to be whitewashed. She bought 10 Kg of lime from the market and dissolved it in 30 litres of water. On adding lime to water she [2]
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noticed that the water started boiling even when it was not being heated. Give reason and write chemical equation. write the name of the product formed.

11. Draw diagram for the correction of myopia. [1]

Section - B Biology

1. How does Planaria reproduce? [1]
2. Suggest two changes in your home in order to be environment friendly? [1]
3. Which is the most effective contraceptive which will not allow sexually transmitted diseases to spread? [1]
4. What is Ganga Action Plan and when was it launched? [1]
5. Give one example where enthusiasts have taken strict steps to conserve forests and wild life. [2]
6. What are the functions of testes in human male? Why do you think sexual reproduction is better than asexual reproduction. [3]