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**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
**SEMESTER EXAMINATIONS**  
**APRIL – 2019**                      **15SCH6A**  
**SKILL BASED SUBJECT - IV : APPLIED CHEMISTRY**

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Time : 2 Hrs

Max. Marks : 50

**SECTION-A ( 10 x 2 = 20 )**

Answer ALL the questions.

1. Define milk.
2. What is pasteurization?
3. Define soil.
4. What are secondary nutrients?
5. Write the uses of fertilizers.
6. What are insecticides? Give examples.
7. Define calorific value.
8. What is LPG?
9. What are the types of glasses?
10. What are pigments?

**SECTION- B ( 3 x 10 = 30 )**

Answer any THREE of the following questions.

11. Explain the physico - chemical changes taking place in milk due to heat.
12. Explain the following terms: (a) soil pH                      (b) soil minerals  
(c) soil fertility and (d) soil colloids.
13. (i) Discuss the ill effects of continuous use of chemical fertilizers.  
(ii) Write short notes on fluoride compound insecticides.
14. Write short note on (a) Carbureted water gas (b) Producer gas.
15. Write short notes on the constituents of paints and their functions.

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