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**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
**SEMESTER EXAMINATIONS**

**JUNE - 2022**

**19NCH4A**

**NON-MAJOR ELECTIVE - II: CHEMISTRY IN EVERYDAY LIFE**

**Time: 2 Hours**

**Max. Marks: 50**

**SECTION – A (10 x 2 = 20)**

**Answer ALL the questions.**

1. Define the term polymerisation.
2. Write any two hazardous effects of using cosmetics.
3. Define a balanced diet.
4. Give any two examples of artificial sweeteners.
5. Write a note on vinegar.
6. Write any two applications of NPK fertilizers.
7. Write any two uses of gun powder.
8. Name some sugar industries in India.
9. Define calorific value.
10. Write the constituents of producer gas.

**SECTION – B (3 x 10 = 30)**

**Answer any THREE of the following questions.**

11. Tabulate the applications of the following.  
(i) Nylon                      (ii) Bakelite                      (iii) Starch  
(iv) PVC                      (v) Cellulose.
12. What are vitamins? Discuss the sources and their physiological importance.
13. Define fertilizers. Write a notes on the various fertilizers used and their hazards.
14. (a) How is glucose prepared from cane sugar?  
(b) Write the uses of TNT, Picric acid and Nitrocellulose.
15. Define the term fuels. Write the sources, constituents and uses of the following fuels.  
(i) Water gas (ii) Semiwater gas (iii) Carbureted water gas

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