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Register Number :

**5462**

Name of the Candidate :

**B.Sc. DEGREE EXAMINATION DECEMBER 2013.****(FASHION DESIGN)****(FIRST YEAR)****106/530 — ELEMENTS OF TEXTILES (NR AND OR)****(Common with B.Sc. Textile Design (NR and OR))**

Time : Three hours

Maximum : 60 marks

**SECTION A****Answer ALL questions.****(10 × 1 = 10)**

I. Fill in the blanks :

1. Multifilament yarn has \_\_\_\_\_.
2. Cotton is composed basically of a woody substance called \_\_\_\_\_.
3. The flex seeds are sown by hand in \_\_\_\_\_ month.
4. \_\_\_\_\_ and \_\_\_\_\_ are the effective scouring agents.
5. Churning process of Rayon is called as \_\_\_\_\_.
6. \_\_\_\_\_ is used of a raw material for the manufacture of acetate rayon.
7. \_\_\_\_\_ is the chemical name of nylon.
8. Polyester is a \_\_\_\_\_.
9. DMT means \_\_\_\_\_.
10. Polyester staple fiber has excellent blending ability with \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

**SECTION B**

**Write short notes on any FOUR of the following. (4 × 5 = 20)**

11. Explain about Coir.
12. Leaf fibers.
13. Properties of nylon.
14. Types of silk.
15. Lyocell.
16. Olefin fibers.
17. Vinyon.

**SECTION C**

**Answer any TWO questions.**

**(2 × 15 = 30)**

18. Explain about the properties of textile fibers.
  19. Write in detail about the variations of Nylon 6, 6 and Nylon 6.
  20. Explain the manufacturing process of polyester.
  21. Write in detail about new fibers.
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