| Seat No.: | Enrolment No. |
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

**BE - SEMESTER-VI- EXAMINATION - SUMMER 2016** 

| Subject Code:162801<br>Subject Name:Technology of Dyeing - II<br>Time: 10:30 AM to 01:00 PM |            | Code:162801 Date:19/05/2016  | Date:19/05/2016  Total Marks: 70 |  |
|---|------------|--|----------------------------------|--|
|   |            | 0:30 AM to 01:00 PM Total Marks: 7   |                                  |  |
| Instr   | 2.         | Attempt all questions.  Make suitable assumptions wherever necessary.                              |                                  |  |
| Q.1   | (a)<br>(b) | Explain mechanism of Acid dyes on Wool fibre.<br>Write a note on porcelain dyes                    | 07<br>07                         |  |
| Q.2   | (a)<br>(b) | Explain Thermsol method of dyeing Polyester fibre. Write a note on Disperse dyes                   | 07<br>07                         |  |
|   | <b>(b)</b> | OR Give classification of Disperse dyes. State some of its important properties.                   | 07                               |  |
| Q.3   | (a)<br>(b) | Give dyeing process of dyeing nylon with acid mordant dye.<br>Write a note on Procinyl dye.        | 07<br>07                         |  |
| Q.3   | (a)<br>(b) | OR Describe dope dyeing of Polypropylene with pigments. Write a note on Rapid dyeing of Polyester  |                                  |  |
| Q.4   |            | With all technical details, Explain properties & process of dyeing Microfilament PET.              | 14                               |  |
| Q.4   |            | OR Explain processing of CDPET right from its grey stage   | 14                               |  |
| Q.5   | (a)<br>(b) | Describe any one Loose cotton dyeing machine Give advanced version of Padding mangles.  OR         | 07<br>07                         |  |
| Q.5   | (a)<br>(b) | Describe with neat sketch construction and working of Jet dyeing machine. Write a note on Jiggers. | 07<br>07                         |  |

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