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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION – SUMMER 2013

| al Marks: 70 |
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| Q.4 | (a) | What is importance of controlling comber waste? Discuss influence of method of lap preparation in detail. | 07 |
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| | (b) | How card waste can be optimized? write the formula to calculate cleaning efficiency of card. | 07 |
| Q.5 | (a) | Explain the terms; HVI and AFIS. How they are helpful in bale management. Hence explain concept of bale management. | 07 |
| | (b) | Explain following:- | 07 |
| | | i. advantages and limitation of instrumental evaluation. | |
| | | ii. Fractionating efficiency of comber | |
| | | OR | |
| Q.5 | (a) | Explain modern process control in spinning with specific reference to | 07 |
| | | ring spinning. | |
| | (b) | What is Machinery Audit? with neat diagram explain any one instrument used in machinery audit. | 07 |
