

B.TECH DEGREE EXAMINATIONS: NOV/DEC 2012

Sixth Semester

TEXTILE TECHNOLOGY

TTX205:Maintenance Management in textile mill

Time: Three Hours

Maximum Marks: 100

**Answer all the Questions:-
PART A (10 x 1 = 10 Marks)**

1. The unit having fiber to garment manufacturing facilities is known as ----- unit
 - a) vertically integrated
 - b) retail
 - c) composite
 - d) whole sale
2. The computers are very much used in ----- keeping in maintenance
 - a) Inventory
 - b) stock
 - c) Records
 - d) None of these
3. Half setting in carding covers up to -----
 - a) licker-in
 - b) cylinder
 - c) flats
 - d) doffer
4. Knitting needle should be replaced once in-----
 - a) 15days
 - b) 3months
 - c) month
 - d) once a shift
5. Transformer oil is changed once in-----
 - a) 1 year
 - b) 6months
 - c) 3months
 - d) 4months
6. The energy audit should be done once in -----
 - a) 6 months
 - b) one year
 - c) 3 months
 - d) 4 months
7. The process of treating the cots in UV rays is known as -----
 - a) Berkolisation
 - b) buffing
 - c) varnishing
 - d) surface coating
8. Complete changing of spindle oil is known as -----
 - a) topping
 - b) replenishing
 - c) conditioning
 - d) oil servicing
9. Renovation means improving the condition of the _____
 - a) New machine
 - b) Old machine
 - c) Building
 - d) Environment

- b) (i) Explain the maintenance schedule for humidification plant and generator. (7)
- (ii) Discuss the maintenance schedule for starter and compressor. (7)

24. a) Classify lubricant and gives the properties, specification of lubricants used in textile mill for various applications

(OR)

- b) (i) Explain roller eccentricity measurement and removal methods. (7)
- (ii) Explain maintenance of safety equipments and fire alarms. (7)

25. a) Explain the erection procedure of ring frame and loom

(OR)

- b) (i) Brief on the concepts/procedure of the following. (7)
Cost control and depreciation concepts.
- (ii) Investment Decision Tool. (7)
