

Code: 150-5307

TEXTILE

THIAGARAJAR POLYTECHNIC COLLEGE, SALEM

Autonomous Final Semester 2020 Examinations

DIPLOMA IN TEXTILE TECHNOLOGY

Reg. No.

TEXTILE MANAGEMENT

Year/Sem: III / VI (EVEN-III)

Time : 2 hrs

Date & Session: 23.09.2020/AN

Max. Marks : 50

PART-A

(4 x 2 = 8 Marks)

Note: (i) Answer any FOUR questions.

(ii) All the questions carry equal marks.

- 1 Define the term management.
- 2 What are the types of communication?
- 3 State the importance of job analysis.
- 4 What is snap study?
- 5 What are HOK and OHS?
- 6 What is PERT?
- 7 Define spin plan.
- 8 Differentiate selling and marketing.

PART-B

(4 x 3 = 12 Marks)

Note: (i) Answer any FOUR questions.

(ii) All the questions carry equal marks.

- 9 Differentiate a leader and a manager.
- 10 Brief about Workmen Compensation Act.
- 11 Briefly explain non financial incentive with an example.
- 12 Mention characteristics of good lighting.
- 13 State the principles of material handling.
- 14 Write a note on ISO-14000.
- 15 Mention the sources of finance to start an industry.
- 16 State the importance of Letter of Credit.

PART-C

(3 x 10 = 30 Marks)

Note: i) Answer any THREE questions

ii) All the questions carry equal marks

- 17 What are the types of organisation structure? Explain them stating their merits and demerits. 10
- 18 Explain in detail about guards and safety devices in textile mills. 10
- 19 Describe wage payment methods stating their merits and demerits. 10
- 20 Explain in detail the different types of plant layout. 10
- 21 Discuss in detail the elements of cost. 10
- 22 Discuss various composition of export pricing. 10

THIAGARAJAR POLYTECHNIC COLLEGE, SALEM**Autonomous Final Semester 2020 Examinations****DIPLOMA IN TEXTILE TECHNOLOGY
ADVANCED TEXTILE MANUFACTURE**Reg. No.

Year/Sem: III / VI (EVEN-III)

Time : 2 hrs

Date & Session: 24.09.2020/AN

Max. Marks : 50

PART-A**(4 x 2 = 8 Marks)****Note: (i) Answer any FOUR questions. (ii) All the questions carry equal marks.**

- 1 Write any two properties of compact yarns.
- 2 Mention the objectives of Two For One Twister.
- 3 Compare the characteristics of Ring & Rotor yarns.
- 4 What are the end uses of DREF yarns?
- 5 Mention the types of weft accumulators.
- 6 State the applications of Medical textiles.
- 7 Mention the functions of Geo textiles.
- 8 What is meant by Camouflage dress?

PART-B**(4 x 3 = 12 Marks)****Note: (i) Answer any FOUR questions. (ii) All the questions carry equal marks.**

- 9 Write briefly the purpose of ring data monitoring device.
- 10 What are the advantages of rotor spinning?
- 11 Write the working principle of Air vortex spinning.
- 12 Explain the different methods of weft insertion in rapier looms.
- 13 Mention the different classification of non woven fabrics.
- 14 What do you understand by chemical Protective clothing?
- 15 What is meant by Mechanical bonding?
- 16 Calculate the production rate in Kgs/shift of Rotor spinning machine with the following particulars:
Yarn delivery rate=2895"/minute, Count=16 Ne, Efficiency = 90%
Numbers of rotors/machine =160

PART-C**(3 x 10 = 30 Marks)****Note: i) Answer any THREE questions. ii) All the questions carry equal marks.**

- 17 With neat sketch, explain the working principle of any one type of compact spinning in Ring frame. 10
- 18 With the neat sketch, explain the working of Dref 3 spinning system. 10
- 19 Explain the working principle of torsion bar picking system with a neat sketch. 10
- 20 With the passage of material, explain the working of Circular looms. 10
- 21 Explain about the various web bonding techniques used for Non-woven fabric. 10
- 22 Write in detail about the various applications of Geo-textiles. 10

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TEXTILE

THIAGARAJAR POLYTECHNIC COLLEGE, SALEM

Autonomous Final Semester 2020 Examinations

DIPLOMA IN TEXTILE TECHNOLOGY

Reg. No.

GARMENT QUALITY CONTROL AND MERCHANDISING

Year/Sem: III / VI (EVEN-III)

Time : 2 hrs

Date & Session: 25.09.2020/AN

Max. Marks : 50

PART-A

(4 x 2 = 8 Marks)

Note: (i) Answer any FOUR questions. (ii) All the questions carry equal marks.

- 1 Give the importance of raw material inspection.
- 2 Mention the objects of pressing.
- 3 What is bow in Garments?
- 4 Define Water repellency.
- 5 State the importance of Care labelling used in Apparels.
- 6 Write the role of merchandiser.
- 7 Mention 2 wash care labelling used in garments.
- 8 Briefly explain merchandising planning.

PART-B

(4 x 3 = 12 Marks)

Note: (i) Answer any FOUR questions. (ii) All the questions carry equal marks.

- 9 What are the factors to be inspected in Sewing thread?
- 10 What is Seam strength Testing?
- 11 What is shade sorting?
- 12 Write the elements of cost.
- 13 Mention the types of samples used in Garment making.
- 14 Define Visual Merchandising.
- 15 What is Direct order & Merchant order?
- 16 What do you mean by Production Planning & Control?

PART-C

(3 x 10 = 30 Marks)

Note: i) Answer any THREE questions. ii) All the questions carry equal marks.

- 17 Explain the four point system of fabric Inspection. 10
- 18 Explain the Seam strength testing method used in garment industry. 10
- 19 With a line sketch, explain the water repellency test used in garment testing. 10
- 20 What are the different types of care labelling used in garments? 10
- 21 Explain the types of samples followed in garment making. 10
- 22 Explain the types of Merchandiser in detail. 10