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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.



UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.

(For those admitted in June 2021 and later)

PROGRAMME AND BRANCH: B.SC., COSTUME DESIGN AND FASHION

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
VI	PART - III	CORE	U21CF610	TECHNICAL TEXTILES

Date & Session: 26.04.2024/FN

Time : 3 hours

Maximum: 75 Marks

Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer <u>ALL</u> Questions.
CO1	K1	1.	Identify the textile which is NOT a Technical Textile from the following. a) Robo Textile b) Agro Textile c) Industrial Textile d) Geotextile
CO1	K2	2.	What is the certification system that ensures textiles and textile products are free from harmful substances called as? a) Oeko Textile b) Agro textile c) Geotextile d) Oeko Tex
CO2	K1	3.	What are non-toxic, biocompatible materials used to replace damaged organs and tissues in the body known as? a) Implantable Textiles b) Non Implantable Textiles c) Geo Textiles d) Eco Textiles
CO2	K2	4.	Select the fibre which is NOT used in Medical Textile. a) Synthetic b) Polycotton c) Viscose d) Muslin
CO3	K1	5.	Which is NOT the function of Geotextile? a) Separation b) Filtration c) Drainage d) Absorption
CO3	K2	6.	Find out the fibre used in geotextile_____. a) Synthetic b) Nylon c) Synthetic d) Cotton
CO4	K1	7.	What are the suitable fibres used in automotive textiles? a) Cotton b) Bast Fibres c) Synthetic d) Cotton
CO4	K2	8.	Name the fabric used in seatbelts. a) Cotton b) Silk c) Polyester d) Muslin
CO5	K1	9.	Which among the following is NOT a fire retarding fabric? a) Cotton b) Silk c) Polyester d) Rayon
CO5	K2	10.	What is the fabric used for bullet proof jackets? a) Kevlar b) Silk c) Semi Cotton d) Wool

Course Outcome	Bloom's K-level	Q. No.	<p style="text-align: center;">SECTION – B (5 X 5 = 25 Marks) Answer ALL Questions choosing either (a) or (b)</p>
CO1	K3	11a.	Describe Sports Textiles and its relevance.
CO1	K3	11b.	<p style="text-align: center;">(OR)</p> Write on the need of Technical Textiles.
CO2	K3	12a.	Write a note on the health care and hygiene products.
CO2	K3	12b.	<p style="text-align: center;">(OR)</p> Discuss the fibers used in Medical Textiles.
CO3	K4	13a.	Explain the fibers used in geotextiles.
CO3	K4	13b.	<p style="text-align: center;">(OR)</p> Analyse the function of geotextiles.
CO4	K4	14a.	Examine the types and fabrics used for seatbelts.
CO4	K4	14b.	<p style="text-align: center;">(OR)</p> Comment on the suitable textiles for the automotive industry.
CO5	K5	15a.	Critically evaluate the properties of the fabrics used in protective clothing.
CO5	K5	15b.	<p style="text-align: center;">(OR)</p> Distinguish between fire retarding fabric and high temperature fabrics.

Course Outcome	Bloom's K-level	Q. No.	<p style="text-align: center;">SECTION – C (5 X 8 = 40 Marks) Answer ALL Questions choosing either (a) or (b)</p>
CO1	K3	16a.	Identify the scope of Technical Textiles.
CO1	K3	16b.	<p style="text-align: center;">(OR)</p> Write a note on Agro Textiles, Home textile and mobile textile.
CO2	K4	17a.	Compare Implantable and Non Implantable Textiles.
CO2	K4	17b.	<p style="text-align: center;">(OR)</p> Examine the need and scope of Medical Textiles.
CO3	K4	18a.	Analyse the role of geotextiles for environment.
CO3	K4	18b.	<p style="text-align: center;">(OR)</p> Infer about the application of geotextiles.
CO4	K5	19a.	Critically evaluate the types of fabrics used in safety devices.
CO4	K5	19b.	<p style="text-align: center;">(OR)</p> Assess the scope of fabrics used in the automotive industry.
CO5	K5	20a.	Comment on the fibres and properties of bullet proof fabrics.
CO5	K5	20b.	<p style="text-align: center;">(OR)</p> Evaluate the role of smart and intelligent textiles.