CBSE | DEPARTMENT OF SKILL EDUCATION

TEXTILE DESIGN (SUBJECT CODE: 829)

Blue-print for Sample Question Paper for Class XI (Session 2023-2024)

Max. Time: 3 Hours   **Max. Marks: 60**

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - III	1	1	2
2	Self-Management Skills - III	2	1	3
3	Information and Communication Technology Skills - III	1	1	2
4	Entrepreneurial Skills - III	1	1	2
5	Green Skills - III	1	1	2
	TOTAL QUESTIONS	**6**	**5**	**11**
	NO. OF QUESTIONS TO BE ANSWERED	**Any 4**	**Any 3**	**07**
	TOTAL MARKS	**1 x 4 = 4**	**2 x 3 = 6**	**10 MARKS**

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Overview of Textile industries and textile fibers	8	1	1	1	11
2	Textile Spinning and Yarn	8	1	-	2	11
3	Weaving and Woven Fabrics	7	2	1	1	11

4	Other Forms of Textiles	9	1	1	1	12
	TOTAL QUESTIONS	**32**	**5**	**3**	**5**	**45**
	NO. OF QUESTIONS **TO BE ANSWERED**	**26**	**Any 3**	**Any 2**	**Any 3**	34
	TOTAL MARKS	**1 x 26= 26**	**2 x 3 = 6**	**3 x 2 = 6**	**4 x 3 = 12**	**50 MARKS**

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Max. Time: 3 Hours   **Max. Marks: 60**

General Instructions:

1. Please read the instructions carefully.

2. This Question Paper consists of **24 questions** in two sections – Section A & Section B.

3. Section A has Objective type questions whereas Section B contains Subjective type questions.

4. **Out of the given (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**

5. All questions of a particular section must be attempted in the correct order.

6. **SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):**

    i.   This section has 06 questions.

    ii. There is no negative marking.

    iii. Do as per the instructions given.

    iv. Marks allotted are mentioned against each question/part.

7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):**

    i.   This section contains 18 questions.

    ii. A candidate has to do 11 questions.

    iii. Do as per the instructions given.

    iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	List any two factors that act as barrier in communication.	1
ii.	List any two approaches that may help people self explore.	1
iii.	List any two factors which influence Team Building.	1
iv.	What is the keyboard shortcut used for "Save as".	1
v.	List any two attitudes that are needed to attain entrepreneurial success.	1
vi.	What do you mean by 'Green Economy?'	1

Q. 2	Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)	
i	Define Denier.	1
ii	How does the use of Spandex improve the quality of knitted/ woven fabrics?	1
iii	What does a '4x3 weft faced twill weave fabric' imply?	1
iv	Give an example of Natural Mineral Fiber.	1
v	What do you mean by 'Combed Yarns?'	1
vi	Give two advantages of flat bed machines.	1
vii	A ………………is a fabric that has been coated with a heat-sealable, thermoplastic adhesive.	1

Q. 3	Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)	
i	Why fabrics with plain weave are considered unsuitable for ladies wear?	1
ii	Give any two characteristics of satin weave.	1
iii	In Direct count, a higher number of yarn fineness denotes a _____ yarn.	1
iv	Name a fabric having an excellent drape and free flowing in nature.	1
v	Which twist is more common in woven and knit fabrics?	1
vi	Name two fibers commercially used with the Melt Blown Process to produce hospital/medical products.	1
vii	Give any two characteristics of Felt fabrics.	1

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	Why do ribbed fabrics have higher flexibility and drape in a particular direction?	1
ii	Give an application of absorbent fibers.	1
iii	What is the purpose of sizing during the preparatory process of yarns for weaving?	1
iv	What do you mean by Core Spun Yarns?	1
v	A yarn with pile fibers held between plied core yarns producing a hairy or velvety effect is called ……………………	1
vi	Which type of needle is used to produce fully fashioned garments and knit fleece fabrics?	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	List any two advantages of knitting.	1
ii	Give two reasons for most of the Non Woven fabrics being disposable.	1

iii	Which weave is preferred for handmade towels and why?	1
iv	Why are Woolen fabrics warm to wear?	1
v	Why is Rayon fabric not suitable to be used for children's sleepwear?	1
vi	List any two characteristics of fabrics that are affected due to the varying degree of yarn twist.	1

Q. 6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	Define yarn.	1
ii	Why do cotton fabrics usually shrink?	1
iii	Count of 1/24s x 2/40s indicates………………	1
iv	The fabric with ……………….Yarn Denier is appropriate to be used for upholstery purposes.	1
v	List two advantages of Spun Bonded webs.	1
vi	Give two applications of Hydro Entangled textiles.	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)
Answer each question in 20 – 30 words.

Q. 7	Differentiate between Verbal and Non Verbal Communication.	2
Q. 8	Explain any two strategies that can be used for effective Time Management.	2
Q. 9	List the steps to be performed to move the text from one location to another in a document.	2
Q. 10	Explain any two entrepreneurial Values.	2
Q. 11	Explain the benefits of Green Transport.	2

Answer any 3 out of the given 5 questions in 20 – 30 words each (2 x 3 = 6 marks)

Q. 12	Differentiate between Natural and Manufactured fibers.	2
Q. 13	List any four factors on which the properties of yarn depends upon.	2
Q. 14	Differentiate between Projectile loom and Rapier Loom.	2
Q. 15	Explain Velvet and Velveteen fabrics differentiating between the two.	2
Q. 16	Differentiate between the types of Bonded-Web Non-Woven fabrics.	2

Answer any 2 out of the given 3 questions in 30– 50 words each (3 x 2 = 6 marks)

Q. 17	Explain the 3 processes used to produce manmade fibers.	3
Q. 18	Explain the 3 basic motions of loom.	3
Q. 19	Write a short note on 'Braids' and 'Laces'.	3

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 20	Explain any four types of Novelty yarns.	**4**
Q. 21	a) Define Spinning. b) Explain briefly the steps involved in the processing of staple fibers into yarns.	**4**
Q. 22	Present a comparative study of the properties and performance of Cotton and Silk Fibers.	**4**
Q. 23	Classify looms on the basis of Shedding Mechanism.	**4**
Q. 24	Explain the four types of stitches of Filling Knit Structures.	**4**