



## Question Paper

Conducted by the Central Board of Secondary Education (CBSE)

**Time Allowed: 3 Hours**

**Maximum Marks: 60**

### General Instructions

- (i) Please read the instructions carefully.
- (ii) This question paper consists of 24 questions in two Sections: Section A and Section B.
- (iii) Section A has Objective Type Questions whereas Section B contains Subjective Type Questions.
- (iv) 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.
- (v) All questions of a particular section must be attempted in the correct order.
- (vi) Section A: Objective Type Questions (30 marks). This section has 6 questions. There is no negative marking. Follow the instructions given; marks are mentioned against each question/part.
- (vii) Section B: Subjective Type Questions (30 marks). This section has 18 questions; answer 11. Follow the instructions given; marks are mentioned against each question/part.

## Section A

1. Answer any 4 out of the given 6 questions on Employability Skills : ( $4 \times 1 = 4$ )

1(i). An accurate statement is one that is \_\_\_\_\_.

- |             |             |
|-------------|-------------|
| (A) Precise | (B) Factual |
| (C) Logical | (D) Short   |

1(ii). Mention any two ways to become result oriented.

1(iii). A \_\_\_\_\_ is a collection of cells in the form of a grid.

1(iv). What is a start-up ?

1(v). The default 'Save As' type for a spreadsheet is \_\_\_\_\_.

- |          |          |
|----------|----------|
| (A) .odf | (B) .ods |
| (C) .oss | (D) .odt |

1(vi). Electricians who work with solar panels are considered as \_\_\_\_\_ workers.

2. Answer any 5 out of the given 7 questions : ( $5 \times 1 = 5$ )

2(i). Spin finish is an example of \_\_\_\_\_ impurities.

2(ii). Which wood is used for making blocks for block printing ?

2(iii). Acid dyes are mainly used for dyeing of which two fibers ?

2(iv). The stitch employed for Zalakdozi is \_\_\_\_\_ stitch.

2(v). The main objective of singeing is \_\_\_\_\_.

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|----------------------------------------------------------------|-------------------------------------------------------------|
| (A) To provide strength to the yarn.                           | (B) To remove the unwanted stains.                          |
| (C) To remove protruding fibers from both sides of the fabric. | (D) To remove protruding loops from one side of the fabric. |

2(vi). The selection of repeat depends upon the selected \_\_\_\_\_ process to transfer the design on the fabric.

2(vii). Which two colours are Sulphur dyes mainly used for ?

3. Answer any 6 out of the given 7 questions : ( $6 \times 1 = 6$ )

3(i). Bleaching is generally carried out by \_\_\_\_\_ process.

3(ii). Name two centers where Bandhej fabrics are produced in Rajasthan.

3(iii). \_\_\_\_\_ printing is the best method to produce low yardage, samples of exclusive limited quality of designs.

3(iv). Give examples of two types of layout.

**3(v).** Write any one characteristic feature of disperse dyes.

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**3(vi).** Name the thread used for Phulkari embroidery.

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**3(vii).** Give one disadvantage of Roller printing.

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**4.** Answer any 5 out of the given 6 questions : (5 × 1 = 5)

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**4(i).** Mercerization improves the strength of cotton fabric by \_\_\_\_\_.

(A) 10 – 15% (B) 20 – 25%

(C) 15 – 25% (D) 25 – 30%

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**4(ii).** Tie-dyed traditional odhani for a Muslim bride in red and black colour is called \_\_\_\_\_.

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**4(iii).** Give the names of any two secondary colours.

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**4(iv).** Flat stitch like \_\_\_\_\_ stitch is used in Chikankari embroidery.

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**4(v).** In case of direct prints, the background is generally \_\_\_\_\_.

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**4(vi).** Floral prints are patterned with flowers and leaves but exclude \_\_\_\_\_ products.

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**5.** Answer any 5 out of the given 6 questions : (5 × 1 = 5)

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**5(i).** What kind of designs are developed using etching technique ?

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**5(ii).** Name the ingredients of the impregnating bath used for de-sizing.

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**5(iii).** Give examples of two traditional motifs used in Kantha embroidery.

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**5(iv).** How are vat dyes converted into water soluble form ?

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**5(v).** In which area is Chikankari practiced ?

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**5(vi).** In \_\_\_\_\_ printing, complete background has been obtained by printing.

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**6.** Answer any 5 out of the given 6 questions : (5 × 1 = 5)

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**6(i).** Gabba is a \_\_\_\_\_ made in Kashmir.

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**6(ii).** Who invented the process of Mercerization ?

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**6(iii).** Warli prints come under the category of \_\_\_\_\_ prints.

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**6(iv).** What is Mothra ?

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**6(v).** Which of the print category is a symbol of wealth and status ?

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**6(vi).** Define the term 'Warp Prints'.

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## Section B

Answer any **3** out of the given **5** questions on Employability Skills. Answer each question in **20-30** words : ( $3 \times 2 = 6$ )

7. The acronym 'RESPECT' is used to ensure active listening. What does each letter stand for ?

8. Name and explain any one personality disorder among people who are suspicious.

9. Write down the steps to add a new slide to the presentation.

10. Define an entrepreneur with example.

11. Mention any two ways of minimising waste and pollution in manufacturing plants and factories.

Answer any **3** out of the given **5** questions in **20-30** words each : ( $3 \times 2 = 6$ )

12. Describe the process of 'scouring'.

13. What are direct dyes ? Which fibers are mostly dyed using these dyes ?

14. Give any two advantages of block printing.

15. Write any two characteristic features of geometric prints.

16. How is the base fabric prepared for Kantha embroidery ? Which threads are used for doing the embroidery ?

Answer any **2** out of the given **3** questions in **30-50** words each : ( $2 \times 3 = 6$ )

17. Name the 'Universal bleaching agent'. How is the bleaching process carried out ?

18. Mention three important features of heat transfer printing.

19. Name and differentiate between the two embroidery styles prevalent in Punjab.

Answer any **3** out of the given **5** questions in **50-80** words each : ( $3 \times 4 = 12$ )

20. Explain the process of application of azoic dyes. Why are these dyes called ice dyes ?

21. Explain the process of producing a white and a colour discharge print in detail.

22. Write a note on the technique and motifs used in Chikankari embroidery.

23. Write down the steps of the dry brush and stencil technique. Also mention the two precautions to be taken while exercising the technique.

24. Explain the steps of producing Bandhani textiles in detail.

- End of Question Paper -