

# CBSE Question Paper – 2010

## TEXTILE SCIENCE

### (Theory) paper III

### Class – XII

**Time allowed: 3 hour**

**Maximum Marks: 40**

**Instructions:** Attempt all questions.

1. Explain any five of the following terms in 2-3 sentences each :

2×5=10

- (i) Soaps
- (ii) Alkalies
- (iii) Whitening agents
- (iv) Anti – bacterial finish
- (v) Oxidizing agents
- (vi) Embossing

2. (i) Explain the cleansing action of water in laundering of fabrics. What causes Hardness of water?

3+2

- (ii) Define the term 'Finishes' what are the advantages of finishing fabrics?

2+3

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**Other Educational Websites:**

[ICSEGuess.com](http://ICSEGuess.com) | [NIOSGuess.com](http://NIOSGuess.com) | [IGNOUGuess.com](http://IGNOUGuess.com) | [IITGuess.com](http://IITGuess.com) | [MagicSense.com](http://MagicSense.com) | [AIPMTGuess.com](http://AIPMTGuess.com) | [AIEEEGuess.com](http://AIEEEGuess.com) | [IndiaGuess.com](http://IndiaGuess.com)

(iii) Give a detailed account of Mercerization for finishing of fabrics.

5

3. Distinguish between any three of the following :

5×3=15

- (i) Routine and Special purpose finishes
- (ii) Fiber and Yarn dyeing
- (iii) Block and Roller printing
- (iv) Water repellent and Water-proof finishes

4. Write short notes on the following:

5×3=15

- (i) Principle and method of designing fabrics with tie dye
- (ii) Piece dyeing
- (iii) Discharge style of printing

5. (i) How will appearance and finishing affect the selection, use and care of fabrics?

10

(ii) Discuss the colorfastness properties you would consider important for a fabric to be used as a curtain.

5

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