



B.Sc. V Semester Degree Examination, April/May - 2024

GARMENT MANUFACTURING TECHNOLOGY

Model - A : Fabric Dyeing and Printing Technology (NEP)

Time : 2 Hours

Maximum Marks : 60

Note : Answer *all* sections.

SECTION - A

1. Answer the following Sub-questions. Each sub-question carries **one** mark. **10x1=10**
- What is Dyeing ?
 - What is Printing ?
 - Which fibers have sensitivity to react with Acid dyes ?
 - Which dyes are suitable for dyeing manmade fibers ?
 - Write any two Dye Fixing Agents.
 - In which dyeing machine both material and dye liquors are circulating ?
 - Resist style of printing is also known as which printing ?
 - What is the function of Binders in printing ?
 - Write any two thickening Agents name.
 - Which are the after treatments given to the printed materials ?

SECTION - B

Answer **any four** of the following questions, each question carries **five** marks.

4x5=20

- Give the brief introduction about dyeing process.
- Explain the process of dyeing protein fibers in detail.
- Explain the process of Block Printing.
- Explain the working mechanism of Jigger dyeing machine.
- Write a note on any five auxiliaries of dyeing.
- Explain the process of dyeing using direct dyes.



SECTION - C

Answer **any three** of the following questions, each question carries **ten** marks.

3x10=30

8. Classify the types of dyes in detail with a flowchart.
9. Explain the process of Rotary Screen printing with a neat sketch.
10. With a neat sketch describe the method of package dyeing machine.
11. Explain the printing Auxiliaries in detail.
12. Write a note on :
 - (a) Modern printing machine
 - (b) Winch dyeing machine

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