

Sub.Code: P21CH1SE1

GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS),
KUMBAKONAM

M.Sc., DEGREE EXAMINATIONS – FEBRUARY – 2022 (NOVEMBER – 2021)
TEXTILE CHEMISTRY

Time : 2 Hrs.

Maximum : 75 Marks

Answer ALL the Questions

(05X15=75)

1. a) What are fibers? How can you classify textile fibers based on source?
(OR)
b) What is ginning? What are the types of ginning? Explain the techniques of ginning in textile.
2. a) Explain the Witt's theory of dyes. What chemicals are in dyes? What is the chemical dye?
(OR)
b) How can you classify dye based on application? Write notes on auxochrome and chromophore.
3. a) What are Non textile dyes? What is mean by paper dyeing? Explain the paper dyeing.
(OR)
b) What are food colours? Give the different types of food colours. Explain the hair colouring.
4. a) What are the wetting agent and leveling agent in dyeing? Explain the mechanism of wetting agent and leveling agent in dyeing
(OR)
b) What is rubbing fastness? What is the difference between crocking and rubbing? Explain the rubbing fastness.
5. a) What are mildew proofing and moth proofing in textile? Explain the mildew proofing and moth proofing in textile.
(OR)
b) What is padding process in textile? Explain the padding mangle in textile.
