

Q.5 What is the pH range for alkalies?

- a) 0-7 b) 7-10
c) 7-14 d) 0-14

Q.6 Following is named as universal bleaching agent.

- a) bleaching powder b) H_2O_2
c) $NaOCl_2$ d) baking soda

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 _____ singeing is the best method of singeing. (Roller/Gas)

Q.8 Which dyes have best fastness properties for cotton fabric? (Direct/Vat)

Q.9 Machine used for cotton scouring is _____. (kier/winch)

Q.10 Dye used for viscose is _____. (basic/reactive)

Q.11 Scouring is the removal of _____. (oil and wax/size material)

Q.12 singeing is removal of _____. (natural colouring / hairy fibre)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Which types of impurities are found in wool and silk fibres?

Q.14 What is fastness property of dyed material? Name various fastness properties.

Q.15 What is the role of electrolyte (NaCl) in direct and reactive dye?

Q.16 How cotton is dyed with sulphure dye?

Q.17 Write down the auxiliaries used for dyeing process.

Q.18 How bleaching powder is prepared? Explain complete process?

Q.19 Which types of impurities are present in cotton?

Q.20 Explain Enzymatic Desizing in detail.

Q.21 Draw the diagram of two bowl padding mangle and explain its working.

Q.22 Explain the dyeing process of dyeing of wool with metal complex dyes.