

(4)

6. Differentiate between dyeing and printing. Explain discharge dyeing process. 6 + 5 = 11

jeef&SjebÚheef&cellYes keajW cegheá j heef&beefalee keásmecePeeFS-

7. Briefly describe the different types of dyes with reference to their fibre affinity. 11

efeeV/e bekeáj keá j hee JeCeeáelKeáe Gvekeá levlegmeeAMUelee keá mebye
cellJeCee keajW

Unit-IV/FkeáF-IV

8. Describe the different additives used in laundry. 12

OegeeF&cellUejeá meneUekeá heeLee keáe JeCee keáepes-

9. Classify the laundry process. Explain the cleaning action of wet and dry cleaning agents.

OegeeF&bekeálee keáe Jeceheáj Ce keáepes- ieeues Je Meškeá OegeeF
keáj keáelKeá mJeUÚkeáj Ce keáUe& keás mecePeeFS- 4 + 8 = 12

A

(Printed Pages 4)

Roll No. _____

S-736

B.Sc. (Part-III) Examination, 2015

(Regular & Exempted)

HOME SCIENCE

(Group III)

Paper-I

(Textile Science)

Time : Three Hours]

[Maximum Marks : 75

Note : Answer five questions in all. Question No.1 is compulsory. Attempt one question from each Unit.

keáue heeBe beMveelKeá Goej oepes- beMve mebye DeeeJeeUe&rnw
beUekeá FkeáF&mes Skeá beMve keáepes-

1. Explain the following: 3 × 10 = 30

efrecveeUeeKele keás mecePeeFS :

(i) Fibre fineness

levleg ceesheF

(ii) Molecular structure of cotton

mele keáer DeeeCJeeá mej Uevee

(2)

(iii) Anti-crease finish

veerpe eeje eeer heefj mepp ee

(iv) Raising finish

mLeevee heefj mepp ee

(v) Roller printing

yesvee UheeFi

(vi) Bleaching

mehao keajvee

(vii) Direct Dyeing

deUee#e jheeFi

(viii) Softening agents

cehcaj kea Deellkeadee

(ix) Dry cleaning

Meska OegeeFi

(x) Degree of Polymerization

yengkeackej Ce keaer eeF kee

(3)

Unit-I / FkaeFi-I

2. Describe the formation of Polyester polymer.

Explain its physical and chemical properties.

heeeFmšj yengkeá kea eeceee e kea JeCee keaapeS- Fmekeá YeeM kea

SJeb jemeUeekeá eeFceW keas mecePeeFS- 5 + 6 = 11

3. Discuss the polymer requirements for fibre formation. 11

lev ee eeceee nšgyengkeá DeeJeeUeekeá eeDeellkeae eeJeevee keaapeS-

Unit-II / FkaeFi-II

4. Discuss the importance of textile finishes. Describe any two functional finishes. 3 + 8 = 11

JeCeellhej eeUeeá heefj mepp eeDeellkeá cenIJe keaer keaapeS-

eeávrer oes keaUeekeá heefj mepp eeDeellkeá JeCee keaapeS-

5. Differentiate between basic and functional finishes. Explain Calendaring and Tentering.

yeeUeeoeer SJeb keaUeekeá heefj mepp eeDeellcelW keaj W keaues [eeF ee

Je švšj ee heefj mepp ee keas mecePeeFS- 4 + 7 = 11

Unit-III / FkaeFi-III