II Semester B.Sc. (FAD) Examination, April/May 2015
(CBCS) (Fresh) (2014–15 and Onwards)
Fashion and Apparel Design
FAD – 203A : FABRIC SCIENCE AND ANALYSIS

Time : 3 Hours   Max. Marks : 70

Instruction : *Answer all questions from Section – **A**. **Four** from Section – **B** and **five** from Section – **C**.*

SECTION – A

I. Answer **any ten** of the following :   (10×2=20)

1) Define weaving.

2) State the objectives of winding.

3) State the objectives of sizing.

4) What are simple structures ?

5) What are compound structures ?

6) Name the primary motions of loom.

7) Name the Ingredients used in sizing paste.

8) What is reed count ?

9) Give the characteristics of plain weave fabric.

10) State the salient features of velvet cloth.

11) State the importance of fabric weight in garment manufacturing.

12) What are khadi products ?

P.T.O.

SECTION – B

(5×4=20)

II. Answer **any five** questions of the following :

13) State the features of woven, knitted structure.

14) State the advantages of unconventional weaving over conventional weaving.

15) Give the design for ¾ twill weave with draft.

16) State the salient features of Crepe, Chiffon and Georgette fabrics.

17) What are the requirement of towelling fabrics ? Name the fabric structures used for the same.

18) State the difference between warp and weft knitted structures.

SECTION – C

(5×6=30)

III. Answer **any five** of the following :

19) Briefly explain the different methods of fabric formation.

20) Briefly discuss at least two Handloom clusters in India with their salient features.

21) Discuss briefly the principle of shuttless looms.

22) Explain briefly the importance of fabric geometrical properties for selection of fabric for approach.

23) Give the design for Basket weave. State their salient features.

24) Give the design and draft for Herringbone twill (Broken twill).

25) State the salient features of Brocade and damask fabrics.

26) What are extra threads ? Explain the salient features of extra threads in weaving.