

B.Sc. (Sem.-II) (FAD) Examination

FAD 203

Textile Science

May-2017

Time : 3 Hours]

[Max. Marks : 70

NOTE: i) ATTEMPT *ANY 5* QUESTIONS.

ii) EACH QUESTION CARRIES *14 MARKS*

Q1) A) Define the term textiles. Classify them according to their nature and origin.

B) Explain the following terms:

- i. Fibre
- ii. Staple fibre
- iii. Filaments
- iv. Chromophors
- v. Auxochromes
- vi. Cations
- vii. Anions

Q2) Write differences between natural fibres and man made fibres.

Q3) Write short note on any two of the following:

- a) Cotton
- b) Polyester
- c) Jute/linen

Q4) Explain regenerated cellulosic fibres in detail.

Q5) Write various physical and chemical properties of nylon and wool.

Q6) Write manufacturing process of silk and write their physical and chemical properties in detail.

Q7) A) Explain methods of spinning used in manufacturing of manmade fibers.

B) Explain textured yarns in detail.

Q8) Write short note on theory of dyeing.

Q9) Write in detail about the theory of printing.

-----All the best-----