Printed Pages: 02 **Sub Code: NFD601**

Paper Id: 165208 **Roll No.** | | | | | | | | | | |

BFAD
(SEMESTER - VI) THEORY EXAMINATION 2018-19
KNITTING TECHNOLOGY

Time: 3 Hours ***Total Marks: 100***

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 10 = 20

a. Define course and wales.
b. Differentiate between warp and weft knitting.
c. Write a short note on Differential drop feed system.
d. Write a short note on gauge with examples.
e. What is Automation?
f. Write a short note on Pilling.
g. What is a feed dog?
h. Write a short note on staining of knitted garments during production.
i. What do you mean by cut stitched-shaped garments?
j. Write a short note on uses of warp knit fabrics.
k. List down various faults and defects in knitted fabrics.

SECTION B

2. Attempt any *three* of the following: 10x3=30

a. Briefly explain the history of Knitting
b. Discuss on the final inspection of the knitted garments. What are the various parameters to be considered for final inspection?
c. Explain the traditional production system of garment manufacturing.
d. Explain the fabric assessment in knitted fabric.
e. Discuss the ergonomic considerations to be taken care off while handling knitting machines.

SECTION C

3. Attempt any *one* part of the following: 10*1=10

a. Discuss various types of weft knit fabrics.
b. Differentiate between woven and knit fabrics.

4. Attempt any *one* part of the following: 10*1=10

a. Explain the various cutting system used for fully cut garments.
b. Discuss about the production technique of fully fashioned garment.

5. Attempt any *one* part of the following: 10*1=10

a. Differentiate between single chain stitch and double chain stitch.
b. What are the different types of beds used in knitted garment industry? Explain.

6. Attempt any *one* part of the following: 10*1=10

a. Write a short note on lock stitch on knitted garments. Also briefly explain about the lock stitch machine being used.

b. What is over-chain stitch? Also discuss the various parameters of this stitch.

7. Attempt any *one* part of the following: 10*1=10

a. Discuss the role of conveyor system in efficient handling concept.

b. Elaborate on the spreading methods used for fully cut garments.