

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION MAY 2019
(Second Semester)**

Branch - COSTUME DESIGN & FASHION

KNITTED FABRIC MANUFACTURING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks

(10x1^10)

- 1 Which is interloping of yarn?
(i) Weaving (ii) Knotting
(iii) Knitting (iv) Fleecy
- 2 Which column of loop is called as wale?
(i) Horizontal (ii) Vertical
(iii) Diagonal (iv) ZigZag
- 3 State a thin metal plate which objects the needle is loop formation
(i) Sinker (ii) Needle
(iii) Dial (iv) Cylinder
- 4 Which effect if clearly visible in the starting course of a welt?
(i) Float (ii) Tuck
(iii) Miss (iv) Rib Stitch
- 5 What is the inherent feature of jacquard knitting?
(i) Single stitch (ii) Combination of stitches and colours
(iii) Single colour (iv) Combination of tucks
- 6 Choose the jacquard that is used only on straight bar knitting machines
(i) Dropper jacquard (ii) Cardigan jacquard
(iii) Paper roll jacquard (iv) Grid type jacquard
- 7 Name the attachment which is added with needle in flat knitting
(i) Hook (ii) Needle eye
(iii) Transfer pin (iv) None of the above
- 8 A flat machine has two stationery beds arranged in an _____ formation.
(i) U -shape (ii) V - shape
(iii) Fait (iv) Circular
- 9 Find out the yam type used in tricot knitting
(i) Filament (ii) Spun
(iii) Carded (iv) Synthetic
- 10 The socks knitting is also known as
(i) Seamless knitting (ii) Purl knitting
(iii) 1 x 1 rib knitting (iv) None of the above

Cont...

SECTION - B (35 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 7 = 35)

- 11 a Classify the knitting machines.
OR
b State the important terms in knitting.
- 12 a Explain about the rib knit structure.
OR
b Analyse the characteristics of tuck and float stitch.
- 13 a State the scope of computerized jacquard knitting machine.
OR
b Explain the causes and remedies of knitted fabric defects.
- 14 a Describe the working principles of flat knitting machine.
OR
b How to yarn feeding in flat weft knitting machine?
- 15 a State the important features of warp knitting.
OR
b Explain in detail about Rachel knitting machine.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Compare warp and weft knitting.
- 17 Discuss the elements of knitting machine.
- 18 Discuss briefly about the Jacquard knitting machine.
- 19 Outline the flat knitting basic structures.
- 20 Summarise Seamless garments and its applications.

Z-Z-Z

END