

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

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

Branch - COSTUME DESIGN AND FASHION

WOVEN FABRIC MANUFACTURING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 1 = 10)

- i The selection of healds to be raised or lowered on insertion of pick or weft is

| | |
|------------------|---------------|
| (i) Lifting plan | (ii) Peg plan |
| (iii) Drafts | (iv) Shedding |
- 2 The interlacement of two sets of threads forms

| | |
|------------------------|--------------------|
| (i) Woven cloth | (ii) Knitted cloth |
| (iii) Non woven fabric | (iv) None |
- 3 The basic elements in a woven design is

| | |
|--------------|------------|
| (i) Warp | (ii) Weft |
| (iii) Design | (iv) Draft |
- 4 The loom equipment necessary for manufacturing extra warp fabrics is

| | |
|------------------------|------------|
| (i) Jacquard | (ii) Dobby |
| (iii) Single warp beam | (iv) None |
- 5 _____ is called edge of fabric which help to prevent it from unraveling and frauing.

| | |
|----------------|---------------|
| (i) Selvedge | (ii) Bias |
| (iii) Warp yam | (iv) Weft yam |
- 6 _____ is the speed of rapier loom.

| | |
|----------------------|---------------------|
| (i) 200 to 260 ppm | (ii) 400 to 470 ppm |
| (iii) 560 to 700 ppm | (iv) 120 to 170 ppm |
- 7 _____ is considered to be more advantageous than the pointed twills

| | |
|--------------------|-------------------|
| (i) Mock weave | (ii) Satin |
| (iii) Herring bone | (iv) Broken twill |
- 8 _____ weaves may be of a reversible or non reversible nature.

| | |
|--------------------|------------------------|
| (i) Backed fabrics | (ii) Bed ford cloth |
| (iii) Pile | (iv) Both (i) and (ii) |
- 9 A braid is an _____ of three or more separate strands in a diagonal pattern,

| | |
|----------------------|-----------------------|
| (i) Inter weaving | (ii) Inter looping |
| (iii) Inter lacement | (iv) All of the above |
- 10 _____ is a knotted lace made with the aid of a small shuttle.

| | |
|---------------|-------------------|
| (i) Macrame | (ii) Needle point |
| (iii) Darning | (iv) Tatting |

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SECTION - B (35 Marks)

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

- 11 a Bring out the sizing ingredients.
OR
b Analyze sectional warping machine.
- 12 a Describe about secondary motion.
OR
b Narrate on automatic loom.
- 13 a State on woven fabric defects.
OR
b Describe about water jet loom.
- 14 a Analyze Gauze and Leno weave.
OR
b Summarise backed fabric.
- 15 a Sketch on braiding.
OR
b Describe the uses of non-wovens.

SECTION - C (30 Marks)

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

- 16 Enumerate on warping machine.
- 17 Discuss about handloom and power loom.
- 18 Discover selvedge formation.
- 19 Discuss about twill weave and it's types.
- 20 Compare felting, fusing and lamination.

Z-Z-Z

END