PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – COSTUME DESIGN & FASHION

INDUSTRIAL MANAGEMENT AND ENTREPRENEURSHIP

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1. Management is ------------------.
   (i) an art   (ii) a science
   (iii) an art and a science   (iv) an art not science

2. ------------- is a method used to produce similar items in groups, stage by stage.
   (i) Batch Production   (ii) Mass Production
   (iii) Job Shop   (iv) Process Production

3. ISO 9000 is a series of ----------------
   (i) Quantity Management Standards   (ii) Quality Management Standards
   (iii) Qualification Management Standards (iv) None of the above

4. An individual who starts a business venture and is responsible for its development is
   --------------------.
   (i) Entrepreneur   (ii) Manager
   (iii) Intrapreneur   (iv) Entrepreneurship

5. The main objective of EDP is to encourage ------------------.
   (i) Existing entrepreneurs   (ii) Ecopreneur
   (iii) First generation entrepreneurs (iv) Future generation entrepreneur

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6. a) Outline the essential skills of a manager.
   OR
   b) State the advantages of Partnership.

7. a) Outline the determinants of plant layout.
   OR
   b) Describe the advantages of urban plant location.

8 a) Explain Eco Labelling.
   OR
   b) State a brief note on Total Quality Management.

Cont...

9. a) Outline the types of Entrepreneurs.

OR

b) Describe the role of entrepreneurship.

10. a) Narrate the phases of EDPs.

OR

b) Sketch any five institutions that supports and assist entrepreneurs.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11. a) Discuss the Management process.

OR

b) Differentiate sole proprietorship and cooperative society.

12. a) Enumerate the factors affecting plant location.

OR

b) Discuss the principles of plant layout.

13. a) Enumerate the steps in conducting an ABC Analysis.

OR

b) What is ISO? Outline the benefits of ISO 9000.

14. a) Discuss the characteristics of a successful entrepreneur.

OR

b) Differentiate Entrepreneur and Entrepreneurship.

15. a) Enumerate the steps for starting a small industry.

OR

b) Summarise the role of Entrepreneurial Development Programmes.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(First Semester)

Branch – COSTUME DESIGN AND FASHION

TEXTILE SCIENCE

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1. The fleece of the lamb refers to _____.
   (i) A popular sheep breed   (ii) The white colour of the fur
   (iii) Hairy fibres of the sheep   (iv) All of the above

2. Which of the following fibres is used for making parachutes, ropes and sleeping bags?
   (i) Rayon   (ii) Nylon
   (iii) Polyesters   (iv) All of the above

3. The process of separation of cotton fibers from their seed is called
   (i) Weaving   (ii) knitting
   (iii) Shearing   (iv) ginning

4. For same count Rotor yarn TM is
   (i) 2 times greater than ring yarn   (ii) 5-10% greater than ring yarn
   (iii) same as ring yarn   (iv) 5-10% lower than ring yarn

5. In which of these process, fiber fineness have prime role in influencing yarn characteristic
   (i) Ring spinning   (ii) Air jet spinning
   (iii) Rotor spinning   (iv) Friction spinning

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6. a Outline about carbonizing process.
                    OR
   b Describe about bamboo fiber properties.

7. a Explain about Bi-component fibers.
                    OR
   b Narrate about Dry spinning.

8. a Describe about Combing.
                    OR
   b Discuss the objectives and working principles of Blow Room.

9   a Explain about Drafting.

OR

b Outline about Doubling.

10 a Narrate the applications of textured yarn.

OR

b Describe about Twist and its importance.

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a Summarize the classification of fibers.

OR

b Discuss about retting process and its types.

12 a Elucidate polymerization reaction and its types.

OR

b Outline about Melt spinning.

13 a Discuss about passage of material in machine carding.

OR

b Explain about passage of material in drawing process.

14 a Explain in detail about Simplex m/c process.

OR

b Outline about Rotor spinning.

15 a Elucidate TFO.

OR

b Describe about sewing thread manufacturing.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(First Semester)

Branch – COSTUME DESIGN AND FASHION

PATTERN MAKING AND GRADING

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   Length wise yarns are
    (i) Stronger   (ii) heavier
    (iii) Both A and B   (iv) None

2   Measurement gives ....
    (i)   good fit   (ii) design
    (iii) Color   (iv) Shape

3   The basic pattern is also referred to as or
    (i)   Sloper   (ii) block
    (iii) master   (iv) All the Above

4   Crosswise center fold is suitable for
    (i)   narrow   (ii) thick
    (iii) thin   (iv) none

5   .... is a method of enlarging or reducing a pattern
    (i)   lay planning   (ii) alteration
    (iii) grading   (iv) none

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Analyze about the selection of fabric for different figures.
                        OR
    b   Bring out the importance of grain.

7   a   Describe the importance of taking measurement.
                        OR
    b   Summarize on preparation for measuring.

8   a   Outline pattern details.
                        OR
    b   Narrate on Computerized pattern making.

9   a   Sketch on combination fold and double fold with neat Illustration.
                        OR
    b   Explain the term layout and write its importance.

10   a   Describe about grading of sleeve.

OR

   b   State about marker planning.

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a   Analyze about Straightening fabric ends and grain.

OR

   b   Discuss about the types of grain line.

12 a   Discover about sizing system.

OR

   b   Point out the vertical and horizontal measurements for any one style.

13 a   Classify on types of patterns.

OR

   b   Enumerate about drafting of basic Pattern for trouser.

14 a   Highlight about the types of layout.

OR

   b   Infer on the rules for layout.

15 a   Outline on dart manipulation method.

OR

   b   Elucidate about common pattern alteration in a blouse.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – COSTUME DESIGN AND FASHION

FASHION CLOTHING PSYCHOLOGY

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (10 x 1 = 10)

1 _____ is directly associated with consumer income.

   (i) Consumer research's   (ii) fashion changes

   (iii) fashion services   (iv) all the above

2 Every fashion has a life span, known as a _____ .

   (i) repetition   (ii) Trickle up   (iii) fashion cycle   (iv) Design

3 Trickle across theory is otherwise called as _____ .

   (i) Reverse adoption   (ii) Traditional adoption

   (iii) Mass dissemination   (iv) all the above

4 _____ is the common presentation of a group of style.

   (i) Design   (ii) Designer   (iii) Fashion Show   (iv) Both (i) and (ii)

5 A man who dresses in a style that became popular in the 1950 is

   (i) teddy boy   (ii) skin modes   (iii) hippies   (iv) punk

6 "Ready-to-wear" is also known as _____ in French.

   (i) prêt-à-porter   (ii) Haute Couter   (iii) Minimalist   (iv) studio line

7 The body shape characterized by hip and bust measurements nearly equal in size, with a narrower waist measurement is

   (i) hourglass   (ii) pear   (iii) apple   (iv) round

8 Clothing will allow _____ so that body moisture can evaporate easily.

   (i) absorption   (ii) ventilation   (iii) Both A and B   (iv) None

9 A wardrobe is also known as _____ an from the French.

   (i) casual   (ii) armoire   (iii) formal   (iv) studio line

10 Slacks and sports shirt are comfortable to wear for

   (i) business meetings   (ii) parties

   (iii) leisure time   (iv) wedding

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

11   a   Explain the term fashion innovator, fashion leader, fashion victim and fashion follower.

OR

b   Outline the role of costume as a status symbol.

12   a   Narrate the Steps in fashion forecasting.

OR

b   Summarize on Adoption of fashion.

13   a   Sketch aboutTeddy boy and skin modes.

OR

b   Differentiate casual and formal clothing.

14   a   Describe about hourglass and inverted triangle.

OR

b   Bring out the clothes for adults.

15   a   Analyze the factors influencing wardrobe selection.

OR

b   Bring out the selection of clothes for maternity.

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

16   Elucidate the factors influencing fashion change.

17   Enumerate on any two type of fashion designers.

18   Highlight about ready to wear fashion and mass marketing to fashion.

19   Trace the types of clothes according to human figure.

20   Infer the clothes suitable for business meetings and leisure hours.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Fourth Semester)

Branch – COSTUME DESIGN AND FASHION

HISTORIC COSTUME AND TRADITIONAL TEXTILES

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 1 = 10)

1 Before 18th century dresses were not regulated by
    (i)   social hierarchy   (ii) regional codes
    (iii) democratic values   (iv) gender

2 The first community to incorporate western styles in dress form in India were
    (i)   Muslims   (ii) Dalits
    (iii) Persists   (iv) Hindus

3 A type of tie-die practiced mainly in the state of Rajasthan is
    (i)   Bandhini   (ii) Ikkat
    (iii) Patola   (iv) Kashmiri

4 Kalamkari is a traditional textiles of
    (i)   Andhra   (ii) Tamilnadu
    (iii) Gujarat   (iv) Kerala

5 The traditional form embroidery practiced in Karnataka state is
    (i)   Kasuti   (ii) Chikan
    (iii) Kantha   (iv) Kashmiri

6 The embroidery of the state of Uttar Pradesh is
    (i) Kasuti   (ii) Chikankari
    (iii) Kantha   (iv) Kashmiri

7 The main outfit which Kerala males wear is
    (i) Pant shirt   (ii) Dhoti
    (iii) Pyjama   (iv) Chorno

8 The traditional costume of Female of West Bengal is
    (i) White saree   (ii) White saree with red border
    (iii) Red saree   (iv) White sarees with yellow border

9 What did the wealthy man of renaissance usually ware on their legs?
    (i) white stockings   (ii) colorful tights or stockings
    (iii) cotton pants   (iv) leather trousers

10 Fine muslin cloth that British traded in Bengal is
    (i) Jamdhani   (ii) Sabya
    (iii) Cotton   (iv) Synthetic cloth

SECTION - B (35 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 7 = 35)

11 a Narrate on costumes of ancient civilizations.

OR

  b Describe ancient Egyptian costumes.

12 a Outline the traditional costumes of Andhra Pradesh for men and women.

OR

  b Describe on silks of Kanchipuram.

13 a Explain in detail about Kashmiri embroidery.

OR

  b Summarize on traditional embroideries of India.

14 a Analyze on the costumes of Assam.

OR

  b Discuss the costumes of Jammu and Kashmir for women.

15 a Sketch on 18th century European fashion.

OR

  b Explain on costumes of renaissance period.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks   (3 x 10 = 30)

16 Enumerate on origin of costumes.

17 Highlight on the overview, history and process of bhandani.

18 Summarize on the embroidery of Gujarat.

19 Discuss on the costumes of Karnataka.

20 Highlight on ancient Persian costume.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Fourth Semester)

Branch – COSTUME DESIGN & FASHION

<u>APPAREL STATISITCS</u>

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 1 = 10)

1. Statistics deals with only
   i) Quantitative data   (ii) Qualitative data
   (iii) Both (i) and (ii)   (iv) Neither (i) nor (ii)

2. Statistical results are
   i) Almost correct   (ii) Average only
   (iii) Both (i) and (ii)   (iv) Neither (i) nor (ii)

3. Find the median of the call received on 7 consecutive days 10,20,30,40,50,60,70
   i) 30   (ii) 40   (iii) 50   (iv) 60

4. Find the Mode if median is 50 and Mean is 50
   i) 30   (ii) 40   (iii) 50   (iv) 60

5. Which is the suitable measure when the class interval is open class interval
   i) Mean   (ii) Median   (iii) Mode   (iv)None of the above

6. What is skewness when the Mean, median and mode are equal
   i) < 3   (ii) >3   (iii) 3   (iv) 0

7. Time series is a Set of data recorded
   i) Periodicall   (ii) on time intervals   (iii) space intervals   (iv) all the above

8. The long term fluctuation measured by using
   i) Seasonal variation   (ii) Irregular variation
   (iii) Secular trend   (iv) Moving average

9. The Random fluctuation is termed as
   i) Seasonal variation   (ii) Irregular variation
   (iii) Secular trend   (iv) Moving average

10. The random variation in the manufactured product is
    i) Controllable   (ii) Not controllable
    (iii) Both (a) and (b)   (iv) Neither (a) nor (b)

<u>SECTION - B (35 Marks)</u>
Answer ALL Questions
ALL Questions Carry EQUAL Marks (5 x 7 = 35)

11. a) Explain Primary and Secondary Data.
    (OR)
    b) Define Statistics and State any 3 points of limitations of Statistics.

12. a) Find the Median of the following frequency distribution.

Daily wages (in Rs.) :	Less than 200	200-250	250-300	300-350	350-400	400 above
Frequency :	5	15	20	30	20	8

(OR)
b) Find the mean median and mode for the following data
18, 20, 12, 14, 19, 22, 26, 16, 19, 24, 12, 14, 19, 22, 26

Cont...

13. a) b) Find the standard deviation from the following distribution:

Age (years)	20-25	25-30	30-35	35-40	40-45	45-50	50-55
No. of employee	29	46	60	112	94	45	21

(OR)

b) Explain the following: i) Coefficient of Dispersion   ii) Coefficient of Variation.

14. a) Find the pearson's coefficient of Skewness for the following frequency distribution.

Annual sales(In '000 Rs)	0-20	20-40	40-60	60-80	80-100	100-120
No of items	20	50	59	30	25	16

(OR)

b) Define Time Series and Explain the Method of Simple Averages.

15. a) The following figures are the production data of a certain factor manufacturing air conditioners.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production ('000Units)	17	20	19	26	24	40	35	55	51	74	79

Fit the second degree parabolic trend curve to the above data and obtain the trend values.

(OR)

b) Differentiate between product and process control in SQC?

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks (3 x 10 = 30)

16. Draw less than and more than ogive for the following data and to determine the median.

Marks	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99
No. of Students	7	11	24	32	9	14	2	1

17. Find the mean, median and mode for the following data

Class	1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
Frequency	3	7	13	17	12	10	8	8	6	6

18. Calculate the coefficient of variation for x and y for the following data and interpret it.

Group1 (X)	10	26	33	46	17	20	25
Group2 (Y)	19	22	26	27	29	33	37

19. Calculate the Seasonal variation indices by the method of simple averages for the following data

Year / Quarters	2012	2013	2014	2015	2016
Q_1	45	48	49	52	60
Q_2	54	56	63	65	70
Q_3	72	63	70	75	84
Q_4	60	56	65	72	66

20. Construct a control chart for mean and the range for the following data on the basis of fuses, samples of 5 being taken every hour. Comment on whether the production seems to be under control, assuming that these are the first data

Sample No.	1	2	3	4	5	6	7	8	9	10	11	12
X_1	42	42	70	36	42	49	58	13	67	51	60	15
X_2	64	45	65	54	51	72	58	88	76	74	60	90
X_3	75	68	80	69	57	73	69	37	94	75	72	39
X_4	78	72	81	77	59	76	93	59	56	78	95	62
X_5	64	48	52	61	53	54	69	60	71	56	71	62

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – COSTUME DESIGN & FASHION

DISCIPLINE SPECIFIC ELECTIVE – I VISUAL MERCHANDISING & RETAILING

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 1 = 10)

1. Visual presentation of merchandise is _____.
    (i) Display   (ii) Presentation   (iii) Retailing   (iv) Event

2. _____ is the group of consumers to whom a producers, manufactures or retailer aim products, services and advertising.
    (i) Stylist   (ii) Target Market   (iii) Buyer   (iv) Audience

3. Chic look is a _____.
    (i) Long lived fashion   (ii) Short lived fashion
    (iii) Fast moving fashion   (iv) Slow moving fashion

4. Supplier selection, request for quote, price determination, purchase order creation, exporting iscoming under _____ process.
    (i) Merchandising   (ii) Sourcing   (iii) Import   (iv) Export

5. Laces and fasteners are _____.
    (i) Accessories   (ii) Trims   (iii) Fabric   (iv) Leather

6. For sourcing a fashion product, one should know the _____.
    (i) Fashion terms   (ii) Fashion forecasting
    (iii) Fashion cycle   (iv) Fashion acceptance

7. Which of the following is a term for ready-to-wear?
    (i) Pret – a – porter   (ii) Haute couture
    (iii) Street fashion   (iv) Mass fashion

8. Which gives a cool combination in visual merchandising?
    (i) Pink and blue   (ii) Zig zag effects
    (iii) Dark colours   (iv) Red and black

9. _____ fabric have good properties for draping a design for window display.
    (i) Cotton   (ii) Muslin   (iii) Satin   (iv) Organza

10. Fashion acceptance or rejection is determined by _____.
    (i) Advertisers   (ii) Designers
    (iii) Retailers   (iv) Customers

Cont...

SECTION - B (35 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 7 = 35)

11. (a)   Explain about the types of mannequins.

OR

(b)   Narrate about props, fixtures and forms.

12. (a)   Point out the procedure in setting up a boutique store.

OR

(b)   Summarise about point of purchase.

13. (a)   State about the types of retailers?

OR

(b)   Explain about fashion retail organization chart.

14 (a)   Discuss in detail about sales promotion.

OR

(b)   Explain in detail about the publicity through advertising.

15. (a)   Outline on trade organization and source.

OR

(b)   Discover about multi-channel opportunities.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL Questions Carry EQUAL Marks   (3 x 10 = 30)

16.   Discuss in detail about the display and mannequin types in visual merchandising.

17.   Highlight about setting up a display store and increasing sale?

18.   Enumerate about the National and International brands.

19.   Explain in detail about the trends in advertising and sales promotion.

20.   Discuss about carrier opportunities in visual merchandising.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – **COSTUME DESIGN AND FASHION**

APPAREL MACHINERY AND EQUIPPMENTS

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   Which spreading machine is suitable for all fabrics like open knitted fabric roll or flat folded full lycra, tubular fabric and woven fabrics
   (i)   Manual   (ii) Electronic
   (iii) Semi automatic   (iv) Fully automatic

2   Which cutting tool is used when a higher standard of cutting accuracy is required?
   (i)   Round knife   (ii) Band knife
   (iii) Die cutting machine   (iv) Manual cutting

3   What is the function of a shuttle in a sewing machine?
   (i)   To control the length of the stitch
   (ii) To keep the fabric flat
   (iii) To regulate the pressure on the fabric
   (iv) To facilitate the loading and unloading of the bobbin case

4   Compound feed is used for sewing____
   (i)   Heavy weight fabrics   (ii) Lining materials
   (iii) Slippery fabrics like velvet and edge stitching   (iv) All the above

5   Mention the efficient component of pressing
   (i) High heat   (ii) Constant temperature
   (iii) Controlled pressure   (iv) All the above

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Explain the fabric spreading method in a garment industry.
                                OR
    b   State the functions of notches and drills.

7   a   Choose the suitable cutting tool for delicate fabrics and explain its cutting procedure.
                                OR
    b   Explain the cutting procedure using straight knife cutting machine.

8   a   Describe the working procedure of over lock sewing machine.
                                OR
    b   Narrate the minor problems and remedies of sewing machine.

Cont...

9 a Summarize the time sequence in stitch formation.

OR

b Narrate on the sewing machine beds and its types.

10 a State the latest developments in sewing machinery.

OR

b Classify the pressing equipments.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a Analyze the marking methods.

OR

b Elucidate the types of spreads and its quality.

12 a Infer the computerized cutting machines.

OR

b Examine the functions of band knife cutting machine.

13 a Discuss the sewing machine special attachments.

OR

b Summarize on the specialty sewing machines.

14 a Enumerate the elements of feed mechanism.

OR

b Explain in detail about loop and loop spreader and shuttle and shuttle hooks.

15 a Distinguish the categories of pressing.

OR

b Discuss in detail about packing materials and tools.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – **COSTUME DESIGN & FASHION**

TEXTILE WET PROCESSING

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   Which one of the following is known as universal bleaching agent?
    (i) Calcium Hypochlorite   (ii) Sodium Hypochlorite
    (iii)Hydrogen Peroxide   (iv) Sodium Chlorate

2   Name the dyes suitable for colouring polyester fibres.
    (i) Disperse dyes   (ii) Acid dyes
    (iii)Reactive dyes   (iv) Vat dyes

3   Which is the style of batik printing?
    (i) Direct   (ii) Discharge
    (iii)Resist   (iv) All of these

4   Which one of the following is a mechanical finish?
    (i) Flame retardant   (ii) Acid wash
    (iii) Wrinkle free   (iv) Calendaring

5   What is the abbreviation for COD?
    (i) Chemical Oxygen Demand   (ii) Carbon Oriented Dispose
    (iii)Cotton Oil Demand   (iv) Consumer Oriented Demand

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Summarize the benefits of bio scouring.
                  OR
   b   Narrate about the impurities present in grey cotton fabric.

7   a   Describe about Tie & Dye technique.
                  OR
   b   Outline the properties of reactive dyes.

8   a   State the merits of digital printing.
                  OR
   b   Describe about block printing.

9   a   Explain about stone washing.
                  OR
   b   State the merits of anti-pilling finish.

10 a   Explain about RO process.
                  OR
   b   Summarize the importance of environment protection.

Cont...

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a   Analyze the merits and demerits of various types of singeing process.

OR

b   Justify the need for preparatory process before coloration.

12 a   Classify the dyes used for textile dyeing.

OR

b   Discuss about the working of anyone dyeing machine used for dyeing knitted fabric, with neat sketch.

13 a   Point out the causes for any three printing defects.

OR

b   Discuss about the working of rotary printing machine with neat sketch.

14 a   Summarize the effects of various calendaring process.

OR

b   Highlight the applications of enzymes in finishing.

15 a   Enumerate the processes in effluent treatment.

OR

b   Highlight the issues of water pollution.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Second Semester)

Branch – COSTUME DESIGN AND FASHION

WOVEN FABRIC MANUFACTURING

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1. Size add on % depends upon _____.
   (i)Machine speed   (ii)Size concentration
   (iii)yarn count   (iv)all of these

2. Pick Insertion rate is high for _____.
   (i)Rapier   (ii)Projectile   (iii)Air jet   (iv)water jet

3. More suitable weave design for towel is
   (i)Plain   (ii)twill
   (iii)satin   (iv)huck a back

4. _____ needle is a self-acting needle.
   (i)latch   (ii)spring beard
   (iii)compound   (iv)all of these

5. Movement of guide bar form back to front and vice versa is known as _____.
   (i) Shogging   (ii) Swinging
   (iii) knitting   (iv)all of these

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6. a. Summarise the weaving techniques and weaving preparatory processes?

(OR)

   b. Classify the Objects of winding process and its types in detail.

7. a. Make a outline of Primary motions of the Loom?

(OR)

   b. Narrate about the looming process in detailed?

8. a. Sketch about the Shuttles Weaving Mechanism?

(OR)

   b. Prepare about the Woven Fabric defects in detail.

9. a. Categorize the different Elements of Weave Design?

(OR)

   b. Develop a short notes on Satin and Sateen Fabrics in detail.

10. a. Bring out few words about Non – Woven Fabric and its Types?

(OR)

   b. Explain about the applications of Non – Woven Fabric?

Cont...

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11. a. Enumerate about Objects of warping, types of warping, Passage of material through high speed modern beam warping machine.

(OR)

b. Apply the Sizing Process in detail.

12. a. Make a Highlight about Passage of material through Plain power loom.

(OR)

b. Analyzing the motions in the loom.

13 a. Discover about the looms of Projectile in detail with its stages.
(OR)
b. Apply about the Rapier Loom.

14. a. Analyzing the Satin and Sateen weaves.

(OR)

b. Point out about the Leno and Pile fabrics.

15. a. Trace few words about the Non-Woven Techniques.

OR

b. Apply the Advantages and Disadvantages of Non-woven's.

Z-Z-Z   END

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(First Semester)

Branch - COSTUME DESIGN AND FASHION

FASHION DESIGNING

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   Factors affecting fashion movement.
    (i) Accelerating factors   (ii) Retarding Fashion
    (iii) Recurring Fashion   (iv) all the above

2   Silhouette refers to
    (i) Colour   (ii) Decoration
    (iii) Trimming   (iv) Structure

3   _____ is otherwise called as unity.
    (i) Balance   (ii) harmony
    (iii) rhythm   (iv) emphasis

4   The most important element in fashion designing is
    (i) Colour   (ii) texture
    (iii) lines   (iv) balance

5   Rohit Bal is a famous Indian designer born in ----------.
    (i) Kerala   (ii) Gujarat
    (iii) Kashmir   (iv) None

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Narrate the role of fashion director.
                    OR
    b   Describe about the steps in organizing a fashion show.

7   a   Explain about the function of Lines.
                    OR
    b   Summarize on application of trimmings and decoration.

8   a   Sketch about any one type of proportion.
                    OR
    b   State about harmony by line.

9   a   Analyze about related and contrasting colour.
                    OR
    b   Bring out the meaning of hue and value.

10 a   Outline on ethnic costume.
                    OR
    b   Describe about any one fashion designer.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a Trace on fashion cycle.

OR

 b Analyze on fashion theories.

12 a Point out on elements of design.

OR

 b Summarize on optical illusion created by lines.

13 a Infer rhythm and its types.

OR

 b Elucidate on application of principles of design in dress.

14 a Enumerate on Munsell colour system.

OR

 b Highlight on application of colour psychology in dress designing.

15 a Discuss on world fashion centres.

OR

 b Outline about designing dress for party wear.

Z-Z-Z   END