

17335

21819

3 Hours / 100 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
- (2) Answer each next main Question on a new page.
- (3) Illustrate your answers with neat sketches wherever necessary.
- (4) Figures to the right indicate full marks.
- (5) Assume suitable data, if necessary.
- (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
- (7) Size chart permitted.

Marks

- 1. Attempt any TEN of the following:** **20**
- a) Draw a neat sketch of any two style lines of boxer shorts.
- b) Define Dart. Illustrate location of darts in blouse.
- c) Illustrate any two designs for kids jump suit.
- d) What is the dart manipulation.
- e) Write down measurement for Kalidar Kurta.
- f) Enlist the types of dart.
- g) Draw any two designs of women's Kameez with empire cut.
- h) Enlist techniques of dart manipulation.
- i) What is good fit?
- j) Define draping.
- k) Illustrate oval figures and write down their clothing consideration.

P.T.O.

- l) Enlist the tools required for draping.
- m) List out the principles of fitting.
- n) Enlist the material types used for draping.

2. Attempt any TWO of the following: 16

- a) Draft the Salwar block with its drafting instructions. (Size 12, Refer size chart 2).
- b) Write down steps for conversion of darts into tucks.
- c) State the characteristics of hourglass figure. Suggest the clothing styles for same.

3. Attempt any TWO of the following: 16

- a) Draft and write the drafting instructions of men's jeans block for size (Refer size chart 3).
- b) Explain with style line conversion of darts into pleat.
- c) State any four fitting problem with women's garment and given their remedies.

4. Attempt any TWO of the following: 16

- a) Develop designs and write the steps of drafting for fish tail skirt.
- b) State any four fitting problem with men's garments and give their remedies.
- c) Write down the steps of draping basic bodice block with neat sketches.

5. Attempt any TWO of the following: 16

- a) Draft and write the drafting steps of princess line top of size 14 (Refer size chart 2).
- b) Write the procedure of draping sleeve and collar with diagram.
- c) State the method of grading and explain it. What is the grade rule?

6. Attempt any TWO of the following:**16**

- a) Draft with instruction of SB coat of Neck size .39 (Refer size chart - 3)
- b) Write the procedure of draping men's basic pant with diagram.
- c) Grade the basic bodice block of size 10 to size 12.

Size Chart - 1**Standard Body Measurements Unisex 1-14 years****Unisex 80-164cm height**

The measurement chart has been constructed for companies who specialise in leisurewear or who wish to produce a reduced size range. The chart is unisex; note that the main differences between girls' and boys' figure are their waist and hip measurements; a compromise between their measurements is given in this chart.

All the measurements have been calculated so that when they are used to construct the blocks, the blocks will fit approximately 75% of children in the height interval.

A	HEIGHT	80	92	104	116	128	140	152	164
	APPROXIMATE AGE	-1	1-2	3-4	5-6	7-8	9-10	11-12	13-14
B	CHEST	49	53	57	61	67	73	79	85
C	WAIST	46	50	54	58	61	64	67	70
D	HIP/SEAT	50	55	60	65	72	78	84	90
E	ACROSS BACK	20.4	22	23.6	25.2	27.6	30	32.4	34.8
F	NECK SIZE	25.5	26.5	27.5	28.5	30	32	34	36
G-H	SHOULDER	6.4	7.2	8	8.8	9.8	10.8	11.8	12.8
I	UPPER ARM	17.2	18	18.8	19.6	21	22.4	23.8	25.2
J	WRIST	12.2	12.8	13.4	14	14.6	15.2	15.8	16.4
K-L	SCYE DEPTH	11.4	12.6	13.8	15	16.4	17.8	19.2	20.6
K-M	BACK NECK-WAIST	20.6	23	25.4	27.8	30.2	33	35.8	38.6
M-N	WAIST-HIP	10.2	11.4	12.6	13.8	15	16.5	18	19.5
K-O	CERVICAL HEIGHT	64.2	75	85.8	96.6	107.4	118.2	129	139.8
M-P	WAIST-KNEE	28	32	36	40	44	48	52	56
Q-R	BODY RISE	14.2	16	17.8	19.6	21.4	23.2	25	26.8
S-O	INSIDE LEG	31	38	45	52	58	64	70	76
H-T	SLEEVE LENGTH	27	32	37	42	47	51.5	56	60.5
U	HEAD CIRCUMFERENCE	48.5	50	51.5	53	54	55	56	57
W	ANKLE GIRTH	14	15	16	17	18	19	20	21
Extra measurements (garments)									
	CUFF SIZE, SHIRTS	15	15.4	15.8	16.2	17	18	19	21
	TROUSER BOTTOM WIDTH	15	15.5	16.5	17.5	18.5	19.5	20.5	21.5
	JEANS BOTTOM WIDTH	13	13.5	14.5	15.5	16.5	17.5	18.5	19

Size Chart - 2

Standard Body Measurements

The largest percentage of the population falls into medium height range. Although the girth of women varies, the general trend is for weight to increase with height. This feature is reflected in the size charts.

WOMEN OF MEDIUM HEIGHT 160cm-170cm (5ft 2½ 6½ in)												
SIZE SYMBOL	8	10	12	14	16	18	20	22	24	26	28	30
BUST	80	84	88	92	97	102	107	112	117	122	127	132
WAIST	60	64	68	72	77	82	87	92	97	102	107	112
HIPS	85	89	93	97	102	107	112	117	122	127	132	137
BACK WIDTH	32.4	33.4	34.4	35.4	36.6	37.8	39	40.2	41.4	42.6	43.8	45
CHEST	30	31.2	32.4	33.6	35	36.5	38	39.5	41	42.5	44	45.5
SHOULDER	11.75	12	12.25	12.5	12.8	13.1	13.4	13.7	14	14.3	14.6	14.9
NECK SIZE	35	36	37	38	39.2	40.4	41.6	42.8	44	45.2	46.4	47.6
DART	5.8	6.4	7	7.6	8.2	8.8	9.4	10	10.6	11.2	11.8	12.4
TOP ARM	26	27.2	28.4	29.6	31	32.8	34.4	36	37.8	39.6	41.4	43.2
WRIST	15	15.5	16	16.5	17	17.5	18	18.5	19	19.5	20	20.5
ANKLE	23	23.5	24	24.5	25.1	25.7	26.3	26.9	27.5	28.1	28.7	29.3
HIGH ANKLE	20	20.5	21	21.5	22.1	22.7	23.3	23.9	24.5	25.1	25.7	26.3
NAPE TO WAIST	39	39.5	40	40.5	41	41.5	42	42.5	43	43.2	43.4	43.6
FRONT SHOULDER TO WAIST	39	39.5	40	40.5	41.3	42.1	42.9	43.7	44.5	45	45.5	46
'ARMHOLE DEPTH	20	20.5	21	21.5	22	22.5	23	23.5	24.2	24.9	25.6	26.3
WAIST TO KNEE	57.5	58	58.5	59	59.5	60	60.5	61	61.25	61.5	61.75	62
WAIST TO HIP	20	20.3	20.6	20.9	21.2	21.5	21.8	22.1	22.3	22.5	22.7	22.9
WAIST TO FLOOR	102	103	104	105	106	107	108	109	109.5	110	110.5	111
BODY RISE	26.6	27.3	28	28.7	29.4	30.1	30.8	31.5	32.5	33.5	34.5	35.5
SLEEVE LENGTH '	57.2	57.8	58.4	59	59.5	60	60.5	61	61.2	61.4	61.6	61.8
SLEEVE LENGTH (JERSEY)	51.2	51.8	52.4	53	53.5	54	54.5	55	55.2	55.4	55.6	55.8
Extra measurements (garments)												
CUFF SIZE SHIRTS	21	21	21.5	21.5	22	22.5	23	23.5	24	24.5	25	25.5
CUFF SIZE, TWO-PIECE SLEEVE	13.25	13.5	13.75	14	14.25	14.5	14.75	15	15.25	15.5	15.75	16
TROUSER BOTTOM WIDTH	21	21.5	22	22.5	23	23.5	24	24.5	25.4	26.2	27	27.8
JEANS BOTTOM WIDTH	18.5	18.5	19	19	19.5	20	20.5	21				

Size, charts for tall or short women have each vertical measurement adjusted as follows:

	SHORT WOMEN 152 cm - 160 cm (4ft 11½ in - 5ft 2½ in)	TALL WOMEN 170 cm - 178 cm (5ft 6½ in - 5ft 9½ in)
NAPE TO WAIST	- 2cm	+ 2cm
SCYE DEPTH	- 0.8cm	+ 0.8cm
SLEEVE LENGTH	- 2.5cm	+ 2.5cm
WAIST TO KNEE	- 3cm	+ 3cm
WAIST TO FLOOR	- 5cm	+ 5cm
BODY RISE	- 1cm	+ 1cm

Size Chart - 3**Standard Body Measurements - Mature Figure (REGULAR MEN'S SIZING)****Height 170 cm-178 cm (5 ft 7 in-5 ft 10 in)****A SIZE CHART FOR OVERGARMENTS, TROUSERS**

A	CHEST	88	92	96	100	104	108	112	116	120
B	SEAT	92	96	100	104	108	114	118	122	126
C	NATURAL WAIST	74	78	82	86	90	98	102	106	110
D	TROUSER WAIST (4 cm below natural waist)	77	81	85	89	93	100	104	108	112
E-F	HALFBACK	18.5	19	19.5	20	20.5	21	21.5	22	22.5
G-H	NATURAL WAIST LENGTH	43.4	43.8	44.2	44.6	45	45	45	45	45
G-I	SCYE DEPTH	22	22.8	23.6	24.4	25.2	26	26.4	26.8	27.2
J	NECK SIZE	37	38	39	40	41	42	43	44	45
K-L	SLEEVE LENGTH, ONE-PIECE SLEEVE	63.6	64.2	64.8	65.4	66	66	66	66	66
E-M	SLEEVE LENGTH, TWO-PIECE SLEEVE	79	80	81	82	83	83.5	84	84.5	85
N-O	INSIDE LEG	78	79	80	81	82	82	82	82	82
P-Q	BODY RISE	26.8	27.2	27.6	28	28.4	28.8	29.2	29.6	30
R	CLOSE WRIST MEASUREMENT	16.4	16.8	17.2	17.6	18	18.4	18.8	19.2	19.6
EXTRA MEASUREMENTS		<i>varies with type of garment and with fashion</i>								
GARMENT LENGTH										
	CUFF SIZE, TWO-PIECE SLEEVE	27	28	29	30	31	31.6	32.2	32.8	33.4
	TROUSER BOTTOM MEASUREMENT	23.5	24	24.5	25	25.5	26	26	26	26
	JEANS BOTTOM MEASUREMENT	20.5	21	21.5	22	22.5	23	23	23	23

A Size Chart For Shirts - Mature and Athletic Figures

	NECK (COLLAR SIZE)	37	38	39	40	41	42	43	44	45
A	CHEST	88	92	96	100	104	108	112	116	120
G-I	SCYE DEPTH	22	22.8	23.6	24.4	25.2	26	26.4	26.8	27.2
G-H	NATURAL WAIST LENGTH	43.4	43.8	44.2	44.6	45	45	45	45	45
E-F	HALF BACK	18.5	19	19.5	20	20.5	21	21.5	22	22.5
G-M	SLEEVE LENGTH FOR SHIRTS	84	84	85	85	85	87	87	87	87
	SHIRT LENGTH	76	78	80	81	81	82	82	82	82
	CUFF SIZE FOR SHIRTS	22	22.5	22.5	23	23	23.5	23.5	24	24