



17335

14115

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. Answer **any five** of the following.

**20**

- a) State the general principles and rules of grading.
- b) Define Dart Manipulation. State the charting of dart locations with diagram.
- c) What is fit ? State its principles.
- d) State the method of conversion of darts into pleats with one example.
- e) State the principles of draping and write about its fitting methods.
- f) Define pattern plot and pivotal point. Enlist three pattern making principles.

2. Answer **any two**.

**16**

- a) Draft the diagram of casual shirt for kids with its drafting instructions (Age 5 – 6 yrs.) Refer size chart 1.
- b) State characteristics of triangular and oval figure. Write considerations and adaptations suitable for the same.
- c) Grade the basic bodice block of size 10 to size 12 in 1: 4 cm scale.

**P.T.O.**



3. Attempt **any two** of the following. **16**
- a) Draft and write the drafting instructions of empire line top of size 12 (Refer size chart 2) 1: 4 cm scale.
  - b) Write down the procedure of draping basic bodice block.
  - c) State the methods of grading and explain it.
4. Answer **any two** of the following. **16**
- a) Give remedies for following women's garment fitting problems with diagram.
    - 1. Square shoulder
    - 2. Gaping neckline
    - 3. Pigeon chest
    - 4. Large hips.
  - b) State the equipments needed for draping and write the method of preparing muslin for draping.
  - c) Draft the diagram of basic salwar of size 8. (Refer size chart) 1: 4 cm Scale.
5. Attempt **any two**. **16**
- a) Draft the diagram of casual jeans for men of waist 86 cm (Refer size chart 3) with its drafting instructions.
  - b) Write the procedure of draping sailor collar with diagram.
  - c) Draft with instructions the diagram of fish tail skirt of size 12 (Refer size chart) 1: 4 cm Scale.
6. Answer **any two**. **16**
- a) State any four fitting problems with men's garments and give their remedies.
  - b) Write about two dart manipulation techniques with example and diagram.
  - c) Draft the diagram of formal shirt of men with chest 88 cm (Refer size chart) Write drafting instructions. 1:4 cm Scale.



A HEIGHT <i>Size Chart 1</i>		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
<b>Extra measurements (garments)</b>									
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

<i>Size Chart 2</i>		Women of medium height 160cm-172cm (5ft 3in-5ft 7½in)					
Size code	.8	10	12	14	16	18	
BUST	80	84	88	92	96	100	
WAIST	62	66	70	74	78	82	
HIPS-	86	90	94	98	102	106	
BACK WIDTH	32.4	33.4	34.4	35.4	36.4	37.4	
CHEST	30	31.2	32.4	33.6	34.8	36	
SHOULDER	11.75	12	12.25	12.5	12.75	13	
NECK SIZE	35	36	37	38	39	40	
DART	5.8	6.4	7	7.6	8.2	8.8	
TOP ARM	25.6	27	28.4	29.8	31.2	32.4	
WRIST	15	15.5	16	16.5	17	17.5	
ANKLE	23	23.5	24	24.5	25	25.5	
HIGH ANKLE	20	20.5	21	21.5	22	22.5	
NAPE TO WAIST	40	40.5	41	41.5	42	42.5	
FRONT SHOULDER TO WAIST	40	40.5	41	41.5	42.3	43.1	
ARMSCYE DEPTH	20	20.5	21	21.5	22	22.5	
WAIST TO KNEE	57.5	58	58.5	59	59.5	60	
WAIST TO HIP	20	20.3	20.6	20.9	21.2	21.5	
WAIST TO FLOOR	102	103	104	105	106	107	
BODY RISE	26.6	27.3	28	28.7	29.4	30.1	
SLEEVE LENGTH	57.5	58	58.5	59	59.5	60	
SLEEVE LENGTH (JERSEY)	51.5	52	52.5	53	53.5	54	
<b>Extra measurements (garments)</b>							
CUFF SIZE SHIRTS	21	21	21.5	21.5	22	22.5	
CUFF SIZE, TWO-PIECE SLEEVE	13.25	13.5	13.75	14	14.25	14.5	
TROUSER BOTTOM WIDTH	21	21.5	22	22.5	23	23.5	
JEANS BOTTOM WIDTH	18.5	18.5	19	19	19.5	20	

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

	Short women 152cm-160cm (5ft-5ft 3in)	Tall women 172cm-180cm (5ft 7½in-5ft 10½in)
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



MARKS

size chart 3						
Size chart for men's blouses and trousers						
A	chest	88	92	96	100	104
B	seat	90	94	98	102	106
C	waist	74	78	82	86	90
D	trouser waist position (4-6cm below waist)	78	82	86	90	94
E-F	half back	18.5	19	19.5	20	20.5
G-H	back neck to waist	43	43.4	43.8	44.2	44.6
G-I	scye depth	22	22.8	23.6	24.4	25.2
J	neck size	37	38	39	40	41
K-L	sleeve length one-piece sleeve	63	63.6	64.2	64.8	65.4
E-M	sleeve length two-piece sleeve	79	80	81	82	83
N-O	inside leg	77	78	79	80	81
P-Q	body rise	27.2	27.5	27.8	28.1	28.4
R	close wrist measurement	16.6	17	17.4	17.8	18.2
<b>Extra measurements (garments)</b>						
garment length		<i>varies with type of garment and with fashion</i>				
	cuff size two-piece sleeve	27.4	28	28.6	29.2	29.8
	trouser bottom width ( <i>varies with fashion</i> )	21.4	21.8	22.2	22.6	23
	jeans bottom width ( <i>varies with style</i> )	21.4	21.8	22.2	22.6	23