



2019 Challenge Undergraduate Program

Date: _____

Location: _____

Name: _____

Email: _____

Home phone no: _____

Mobile no: _____

Application no: _____

Invigilator's name: _____

Please read the instructions carefully:

- The ISDI Challenge is made up of three components:

• Design Aptitude Test (DAT)	1 hour 30 minutes	70 marks
• Collaborative Project	45 minutes	50 marks
• Interview	15 minutes	30 marks
- All components are equally important for your assessment.
- The written and illustrated test consists of 3 parts. The maximum possible score is mentioned against the question. All questions are mandatory; choices are clearly mentioned.
- Electronic gadgets like cell phones, calculators are not permitted during the test.
- No negative marking.
- All the best!

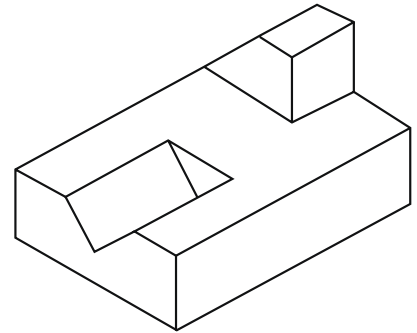
DESIGN APTITUDE TEST

1. LOGICAL REASONING

20 MARKS

Please answer ANY TWO of the following questions (10 marks each)

- 1. (a) Find out the total number of surfaces of the object shown
- (b) Draw top view in the space provided below.



Ans:

DESIGN APTITUDE TEST

1. LOGICAL REASONING [CONTD..] 20 MARKS

2. The statement mentioned below is followed by 3 conclusions.
Give answers with an explanation in the 3 lines provided below.

According to Coco Chanel “Fashion is not something that exists in dresses only. Fashion is in the sky, in the street; fashion has to do with ideas, the way we live, what is happening”.

1. Coco Chanel means only dress designs are fashion.
2. Fashion is an all-encompassing phenomenon.
3. Street Style is very fashionable today.

- (a) if you agree to only 1
- (b) if you agree to only 2
- (c) if you agree to only 3
- (d) if you agree to 1 & 2 together
- (e) if you agree to neither 1,2 or 3
- (f) if you agree to all 1,2 and 3

Explanation :

DESIGN APTITUDE TEST**1. LOGICAL REASONING [CONTD..] 20 MARKS**

3A. There are five friends Sachin, Kunal, Mohit, Anuj and Rohan. Sachin is shorter than Kunal but taller than Rohan. Mohit is tallest. Anuj is a little shorter than Kunal and little taller than Sachin. (1 mark each)

(i) Who is the shortest?

(ii) If they stand in the order of their heights, who will be in the middle?

(iii) If they stand in the order of increasing heights, who will be the second?

(iv) Who is the second tallest?

(v) Who is taller than Anuj but shorter than Mohit?

3B. If a light flashes every 6 seconds, how many times will it flash in $\frac{3}{4}$ of an hour?
(1 mark)

3C. A monkey starts climbing up a tree 20ft. tall. Each hour, it hops 3ft. and slips back 2ft. How much time would it take the monkey to reach the top? (2 marks)

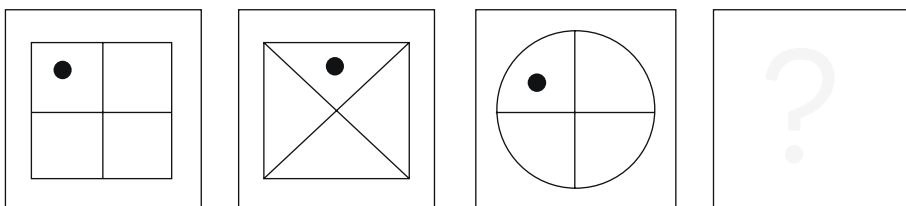
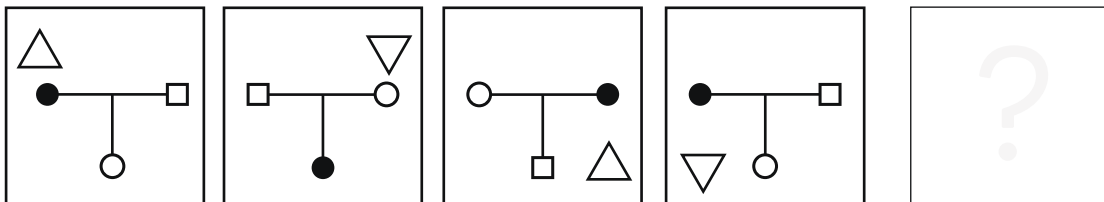
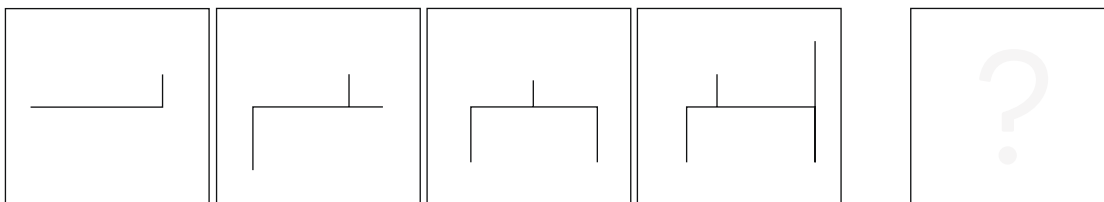
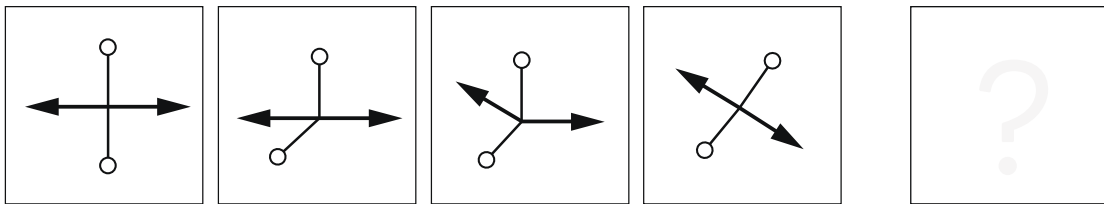
3D. Nikhil gets Rs.250 from his parents every week for his expenses. He puts Rs.5 in his piggy bank on everyday except Sunday when he puts Rs.10 in the piggy bank. He eats subsidized lunch in the college canteen for Rs. 10 on all college days except Saturday when he treats himself to the special lunch for Rs.25. Bus fare to college is Rs.4 each way. He has got a holiday on Sunday. This week, Nikhil wants to buy a book which costs Rs.100. For this, he was walking to and from the college. He is left with Rs.3 after buying the book. Assuming no other expenses, how many times did Nikhil walk this week? (2 marks)

DESIGN APTITUDE TEST

1. LOGICAL REASONING [CONTD..]

20 MARKS

4. Complete the sequence



DESIGN APTITUDE TEST**2. DESIGN AWARENESS****10 MARKS**

Please answer **ANY TEN** of the following questions
Tick the correct answer in the box provided.

1. Largest Renewable Source of energy for India is

- Geothermal
- Solar
- Bio Mass
- Wind

2. Gadwal is the name of a

- Fiber
- Cloth
- Style of saree
- Embroidery

3. Which state of India is associated with Kangra paintings?

- Uttarakhand
- Orissa
- Himachal Pradesh
- Bihar

4. Helvetica is a famous :

- Hospital Chain
- Fashion Brand
- Swiss pastry
- Typeface

5. Which fashion company was the first to integrate Twitter's newest functionality click-to-buy button?

- Burberry
- J Crew
- Asos
- mytheresa

DESIGN APTITUDE TEST

2. DESIGN AWARENESS [CONTD..]

10 MARKS

6. Calico museum is located at

- Ahmedabad
- Mumbai
- Vadodara
- Gandhinagar

7. The designer to whom fashion historians ascribe the origins of the Little Black Dress is :

- Givenchy
- Gucci
- Gabrielle Coco Chanel
- Geoffrey Beene

8. Which of the following has geometric feature?

- Shell
- Flower
- Leaf
- Feather

9. This fashion house stole headlines this year for inspiring a drone fashion show in Saudi Arabia.

- Dior
- Louis Vuitton
- Hermès
- Dolce & Gabbana

10. Kalamkari is an ancient Indian art. Literally, it means

- Pen Work
- Stone Work
- Pen Manufacturing
- Ink Work

DESIGN APTITUDE TEST

2. DESIGN AWARENESS [CONTD..]

10 MARKS

11. Which of the following is not a property of light?

- Wavelength
- Radiance
- Luminance
- Reflectivity

12. Which key comes after the keys T, Y, U and I on the standard computer keyboard?

- B
- L
- O
- G

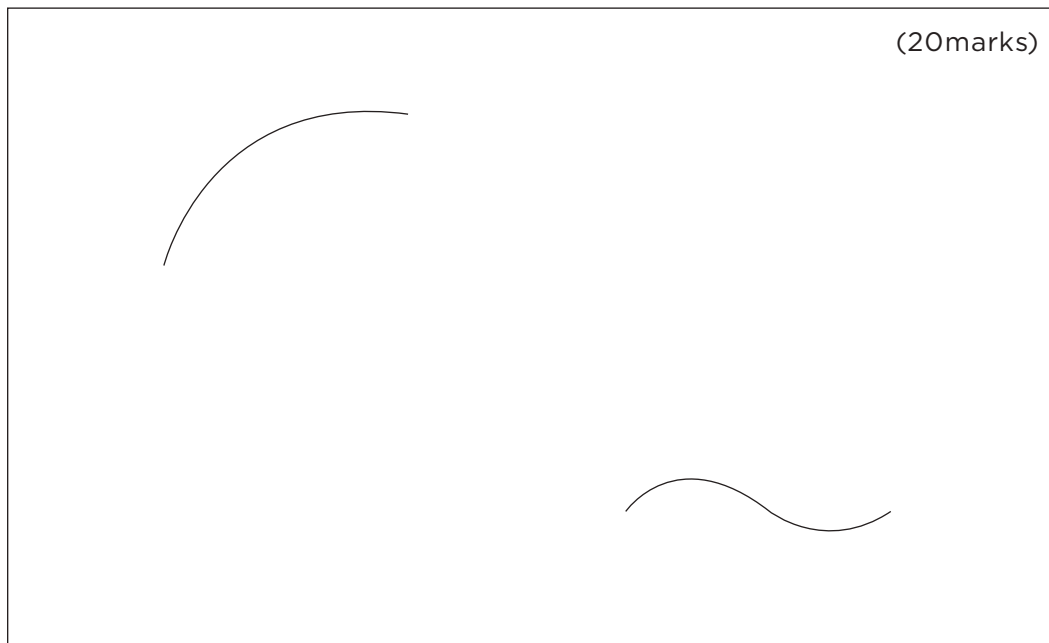
DESIGN APTITUDE TEST

3. CREATIVE CAPABILITIES

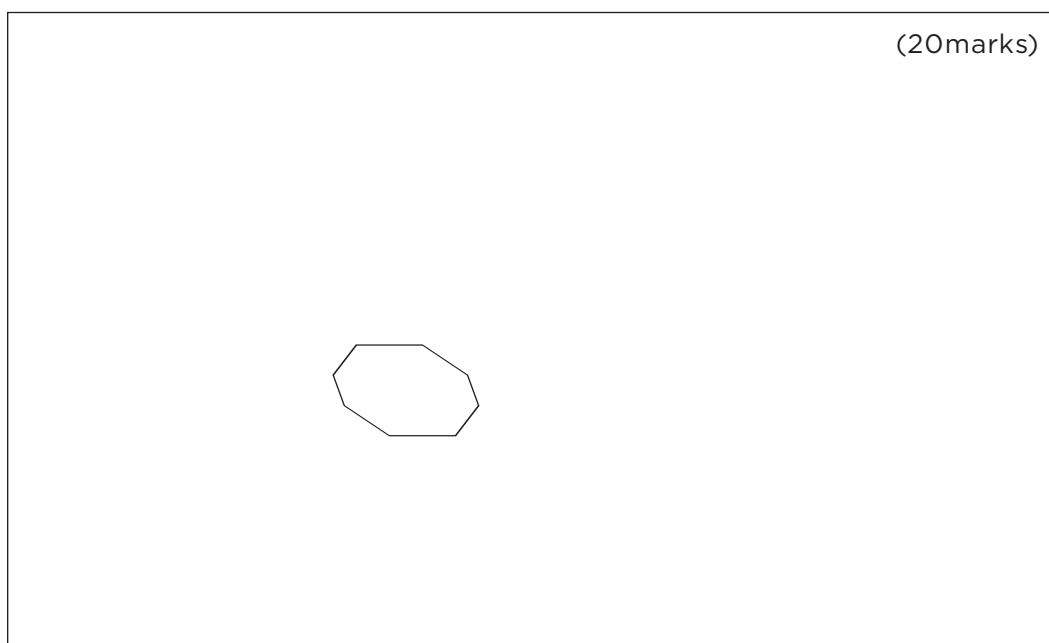
40 MARKS

Please answer **ANY ONE** of the following questions

1. You are given a shape in the box below, make an image using the shape.



AND

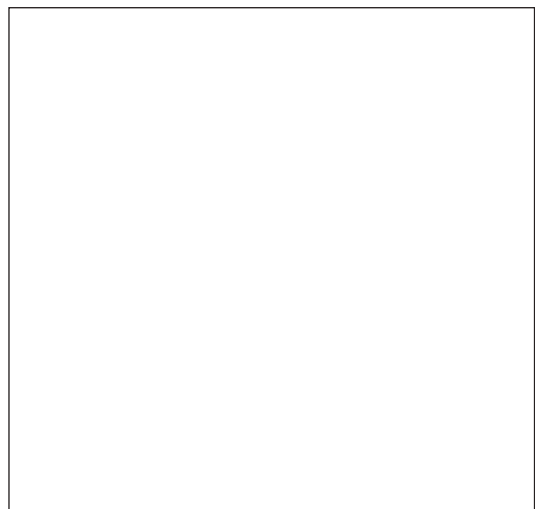
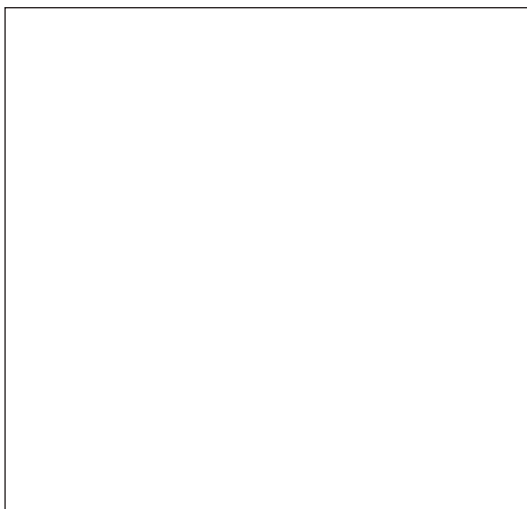
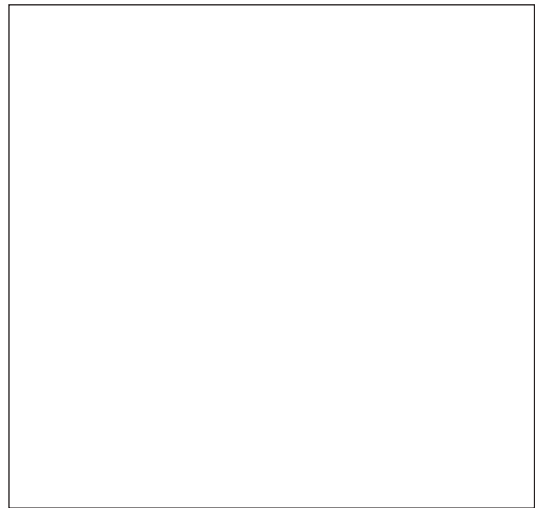
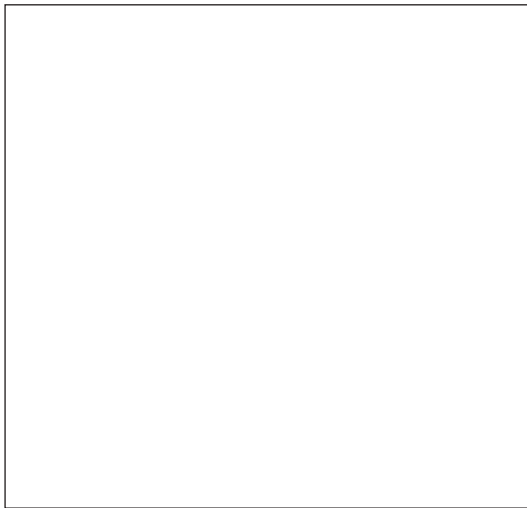


DESIGN APTITUDE TEST

3. CREATIVE CAPABILITIES [CONTD..] 40 MARKS

OR

2. Imagine you are provided with a tyre, a plastic bottle, a cricket bat and a bucket. Illustrate **four DIFFERENT creative ideas** to use these objects in a combination at your home or a public place. You are required to use all the objects in each idea. You may use the objects more than once, change their scales, and proportions.



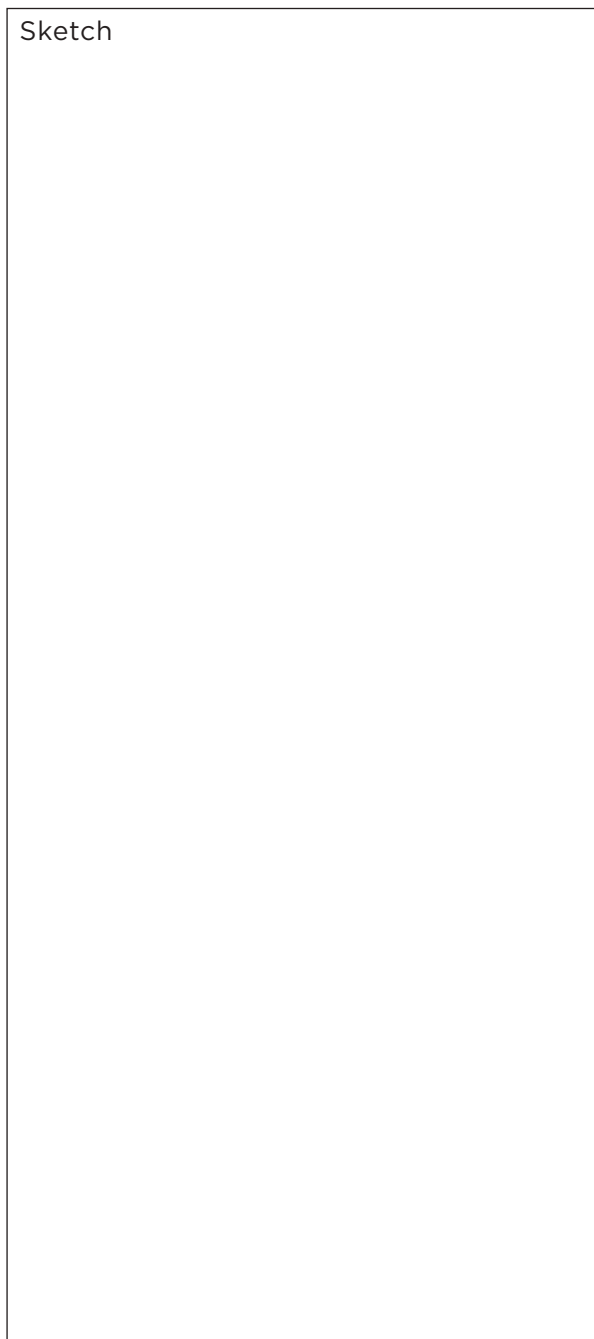
DESIGN APTITUDE TEST

3. CREATIVE CAPABILITIES [CONTD..] 40 MARKS

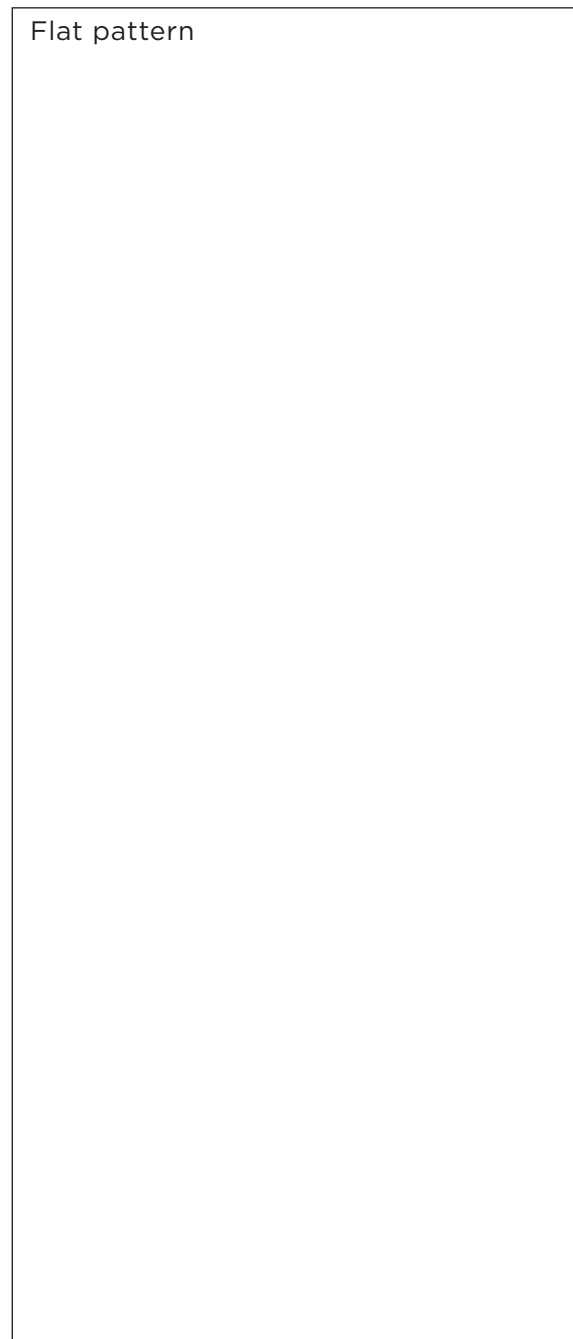
OR

3. Design an out fit for Lady Gaga, which she wants to wear for 2020 World tour..
Keeping her personality in mind, come out with a creative design. (20marks)
Draw a pattern of the garment ensemble (ie : Dress, top and pant, jacket and skirt)
(20marks)

Sketch



Flat pattern

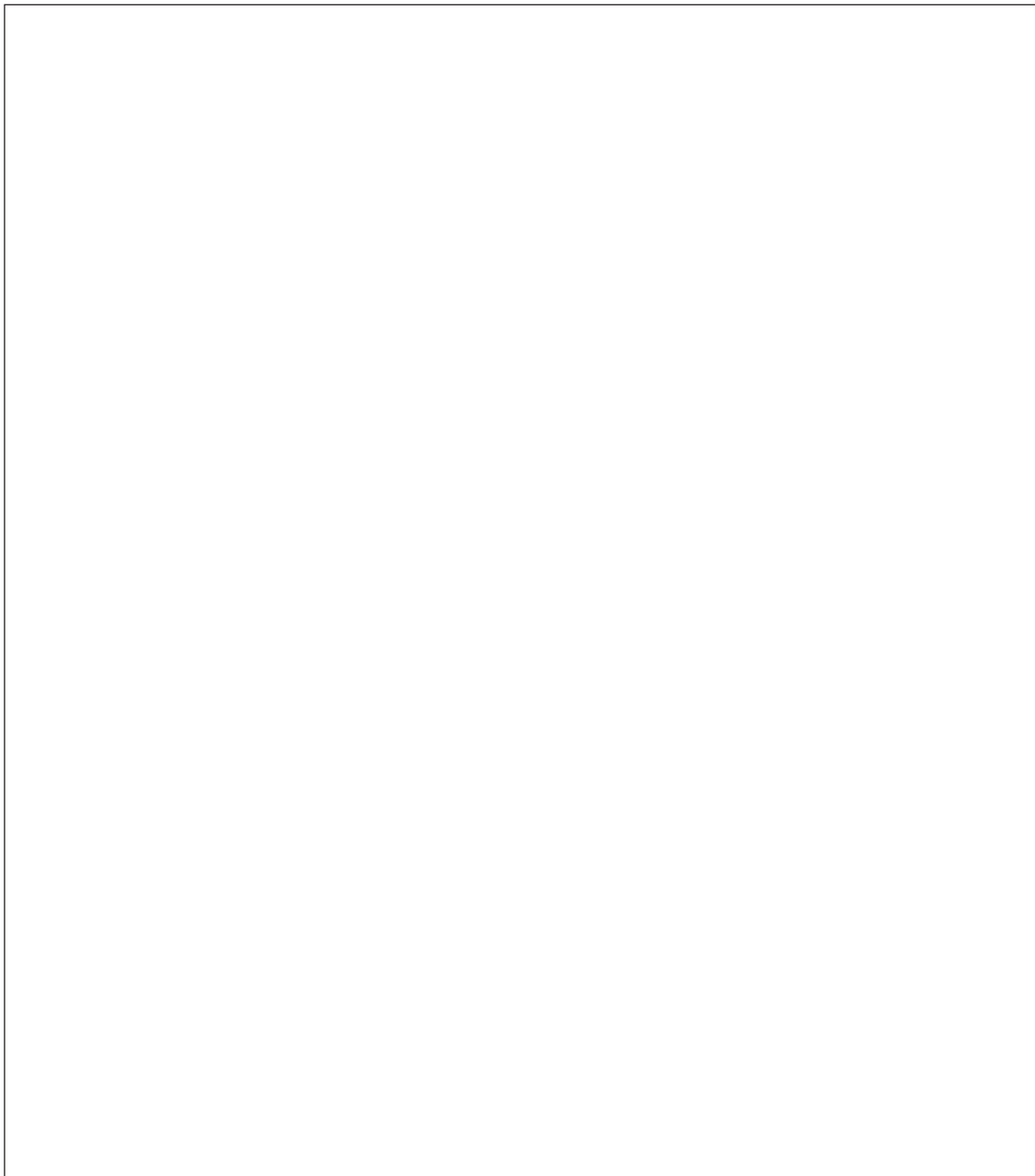


DESIGN APTITUDE TEST

3. CREATIVE CAPABILITIES [CONTD..] 40 MARKS

OR

4. Make a pencil sketch of a plate with a fork and pieces of pears and chikoo. Do not use any instrument like ruler. DO NOT USE COLOURS.
*Your drawing will be evaluated on the basis of composition, ability to achieve a realistic three-dimensional effect, sense of proportion and use of shades and shadows.



DESIGN APTITUDE TEST

3. CREATIVE CAPABILITIES [CONTD..] 40 MARKS

OR

5. Mention the state you are from and Illustrate the dress of a tourist guide of the state you belong to (20marks).
How many pattern pieces would have to be cut to construct this garment? (5marks).
Design and Label the accessories and fabric details (15marks).
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