

**NID DAT Prelims
2024 - M.Des Original
Paper
ALL DISCIPLINES**

1. Apparel Design

1- You have a faded cotton dupatta in a usable condition. Find 3 innovative uses and illustrate them. They should include properties of the fabric, a person interacting with it.

2. Write the properties like texture, feel, stretchability, appearance of the following fabrics. A. Silk organza B. Cotton Twill.

**Suggest appropriate garments to be made out of the fabric
Illustrate the garments**

3. Design a garment inspired by the construction of the given object (onion) Materials provided : 1 mtr of muslin, thread reel, 2 needles, 1 mannequin

Animation Film Design

1. A movie was shown and we were asked to write about:

- a. Core ideas**
- b. Animation mediums used**
- c. About cinematography and sound design etc**

2 Have Asked to make a flip book with only 30 frames. Theme was friendship and only shapes like circle, square and triangle were asked to use

**3 A passage was given describing a character and we were asked to draw a front, side,
3/4th view of the character and make a 3d clay model. Terracotta clay was given**

Film and video communication

Q1 they showed us a clip titled 'prism of perception' in which the main frame was divided into five consecutive subframes in which the generation upgradation of the trains were shown, that is in first frame the coal engine then it moved forward then in second frame the diesel engine and so on

On this basis the questions were

**1 how much the title ' prism of perception' was appropriate
2 write your opinion about time and space management in the clip 3
five blank frames were given and according to us they asked us to
illustrate the five frames under same title prism of perception**

1 B. Make a smart bin for an institution for waste management (sketch)

Q2 the map was given of sabarmati riverfront and the buildings and playfield was given On this the questions were

1 mark and label the buildings and playfield according to the film institution and justify your answer 2 design a character and write about it 3 write a story taking your character as main lead and use all the marked locations on the map in the story

Q3 they told us that you have make documentary on the state tourism Questions were

1 Which state you will choose and why

2 five points of why you chose the state

3 five points to keep in mind which you need to avoid while shooting

4 write 2 appropriate titles for the film

New Media Design

- 1. New Media there was a brief on how online shopping has increased and is detrimental to mental health and brings temporary satisfaction. I had to make a problem scenario and solutions on how we can reduce shopping.**
- 2. doodle - there were 10 emojis and we were supposed to draw a storyline using any of 5 emojis given in 5 boxes.**
- 3. Material I had to create a kinetic mobile. Materials - thread thin/thick, straw and a paper was given. also we were supposed to write a small description and how we can use it in day to day life.**

New Media Design

- 1. In today's world all the internet people have ended up clicking promotional ads and influencing marketing messages about products and services. Mostly the Genx and millionaire are spending the money on buying these things that make it tempting to them.**

Find the problem and give a solution to the problem 10 marks for problem and 30

Marks for solution

- 2. Write a story based on the given 11 emoji use only 5**

3. Material handling. Make a kinetic mobile from the materials

Material list

- 1. 10 paper straws**
- 2. Tape**
- 3. 3 sketch pen (blue,red,green)**
- 4. Thread big**
- 5. Thread bundle white**
- 6. 2 needle**
- 7. A3 sheet You can use scissors and cutters**

Ceramic & Glass Design

- 1. A pop block was given**
 - * 4 emotions (courage, surprise, graceful, sorrow)**
 - * to carve these emotions on four different sides of the pop cube using a hacksaw**
- 2. make a cube of 4” x 4” using given materials (terracotta clay , rolling pill, two wooden sticks, cutting tools)**
- 3. a whistle was given (around 4 cm in size), we were asked to make a replica of it 7 times it's size**

Graphic Design

1- imagine the space travel is normal now and make a infographics about what not to carry in space and there were 10 points given.

2- 3 climate change problems in urban areas part a

3 solutions for the same part b We were supposed to illustrate them

3- make a book cover for a given story with the given material (a big hard chart paper and 5 craft papers

Strategic Design Management

1st was 60 mins

They had given a passage which was based on two perspectives- one: how stray dogs attack and harm humans Second: how humans behave inhumanely with stray dogs.

Based on this one and half page long passage we had to make:

1. One page infographic poster
2. Comic strip on explaining the issue to a 10 year old child in 4 frames
3. Give 5 alternative solutions to the challenges mentioned in the passage

Second paper had 3 questions for 45 mins. A passage was given abt India hosting the 2036 Olympics and what would be the challenges and opportunities in that. Questions were:

- 1. Give 5 fields wherein India can develop in if India gets to host 2036 olympics**
- 2. Design a mascot for the same taking inspiration from the craft culture of India and write abt the chosen craft.**
- 3. Write in 5 points how that mascot is perfect for the occasion**

75 mins - For the third one they had given a sheet which had 8 images of an object with zoomed in pictures of only some parts of that object.

Questions were

- 1. Identify object**
- 2. What is the target group of the object**
- 3. What are the features of that object**
- 4. Draw that object being used by its target group**
- 5. Make that object with given materials - jute rope - normal rope - wire - circular stickers**

The object was a resting chair

Furniture & Interior Design

1 : Live Sketching (30 mins)

They took us to a ground where we were supposed to do free hand live sketching of the scenario visible from the candidate's seat. (2 A3 drawing papers, drawing boards were provided by them)

Part A : Doing freehand drawing of chairs in front of us.

Part B : Explain and 2 joinery details of the chair.

(Scene : 6 chairs were kept in different positions)

2 : Audio-Visual Question (60 mins)

Create a space tour of the video played.

(1 clip of 10 mins was played. Clip was going to be played only once. Those 10 mins were included in the given total time for the question.)

3 : Model Making (75 mins) 35 marks

Part A : Make a toy/tool for 12 years old children to pick up marbles without using their hands. Where hands should be at a distance of 8" from the marbles.

Part B : Explain your product in a 5 step process in the given 5 boxes.

Materials provided : Aluminum wire, 4 marbles, fevicol, single A3 paper. (Answer sheet with 5 boxes for explanation of concept)

Product Design

1. Make a recycling flow for following waste management.

(Anyone) Plastic waste Paper waste Food waste Medical waste

Only pencil to use (30 marks)

2. Make a sensory product for children with down syndrome.

Explain with sketch and model (Materials - clay , foam board, corrugated sheet, plastic bead, t pin, upin, cardboard, fevibond , rubber band)

3. Make a brain computer interface head in following cases 1.

Military defense 2. Medical 3. Future research Cardboard strips, fevicol, wire, rubber etc)

Textile Design

1A. Video was shown, And the question was to write 3 points to summarize the video, Layout of 3 lines was given for the answers

1B. Solution as a future designer in coming 2035, to make change and resolve problems (sustainability & hyper-production)

2A. Design saree for high school farewell,

2A. Design saree for high school farewell, 3 layouts on - A3 paper, And one full-length paper pattern of saree was given Along with sharpener/clamps(1 small/1big) / small piece of bubble wrap)

1 bundle of newspaper, stamp pad and paper tape was given.

3. 4 pieces of fabric 12x12cm along with 2 needles and 1 thread was given to make a square piece 10x10 sample, using running stitch. Front and back should not be similar.

And write 3 uses with rest to sustainability and use for the consumer.

Photography Design

- 1. Click 10 pictures around the NID campus and they should be story based . And need to be submitted via mail . (Time - 60 min)**
- 2. We have been given 6 photographs . And the question was " Choose any 5 of the given photographs and write about their context, time period , composition, and also write the name of the photographers(if known). And also after choosing the 5 images the 1 image which is left write why you have not chosen that image. " (Time - 75 min)**
- 3. The photographs that we have clicked in Question 1 have given the print out of the 10 images and also gave an A3 sheet . And asked us to cut out the printed photographs and paste in the A3 sheet in proper sequence and write only numericals under the photographs like (1,2,3.....). And another paper is given where they told us to write a one liner description of the photographers number wise which completes a story . (Time - 45 min)**

Lifestyle Accessory Design

- 1. draw a storyboard on 5 frames with already drawn lines**
- 2. draw 5 different handles with joining methods with bamboo strips and ceramic pot**
- 3. model making with rope, cardboard, and bamboo sticks showing 5 different joining methods**

Universal Design

- 1. Design a pill box for a person with arthritis so that they can open, pick a pill and close the box with ease.**
- 2. Old people face common issues while going to the bathroom.**

Write 3 instances of those and do a design intervention in detail for one.

- 3. Design a plate for the visually impaired. Ensure the functionality of the plate remains - i.e. stackability, cleaning, storage, etc.**

Transportation & Automobile Design

Q1. The question was audio video based.. a busy marketplace were shown and asked us to find 2 transportation related problems in the scene and solution to any one

Q2. Design an award function for transportation related achievements.. write theme, awards,goals, draw poster , etc

Q3. Material handling question They asked us to make a non motorized model for milk vendors for carrying milk containers.(Straw, rubber band, Steel wire, plasticine clay, cardboard,were given)

Digital Game Design

Design a character/mascot to promote 75th Republic Day of India

Use the mascot to create a poster for the same

Create a thriller story keeping the chair picture provided as a reference . Illustrate in 8 frames

Create a game to teach students the safety measures in case of emergency in a school. Show the game play in 8 frames

Design for Retail Experience

In a luxury Super mall, there is an AI assistant for beauty products cosmetics and her name is x3na. And she is the she is she has deep knowledge about cosmetics and beauty. Her meeting is with smart take and some cosmetic drugs company manager. So they are taking Juri and asking her questions about cosmetic industry and beauty products and she is able to give appropriate answers in the Jury panel. She is confident about her knowledge.

So you have two designs: the prototype-like project, how the XT analy looks like you design her body and everything to give her some super AI powers that you think he needed in the mall. And design the comics strip in the given 3 boxes of the Jury panel, where she is she and the Smart Tech and the cosmetic drugs manager, is there and three key discussions from that panel?

Question 2:

One lady in her 30s with her baby child managing the kitchen works and her duties. She self created the stove cleaner for stainless steel stoves. So that she can relax after cooking and the cleaner can clean the kitchen and the store after cooking.

You have to help her in the marketing of that product and suggest some tips. So That

the product have good sells and ladies can

So you have to create the sketch of that product, give the brand name and suggest the tagline for the brand.

and also design the display of the product how it will look.