राष्ट्रीय डिज़ाइन संस्थान
NATIONAL INSTITUTE OF DESIGN

NID B.Des 2020
Original Paper
(Part B)

Q.1. An Open view(2D) of a box was given, studentshad to draw the 3 sides of the 3D cube. 5 Marks

Answer -

a) Understand:

- Identify the flow of lines.
- Motion and movement across 2D surfaces.
- When folded how are lines moving
- Visualize a rough 3D folding cube.

b) Idea:

Ps - Understand the pattern of line first, when tilted how they are moving in 3D Surface.

c) Present -

Ps. Understand the line movement from one corner to another and focus one the marking only. Try filtering the shape given in ques. Paper & understand the cutting lines from one square to another.

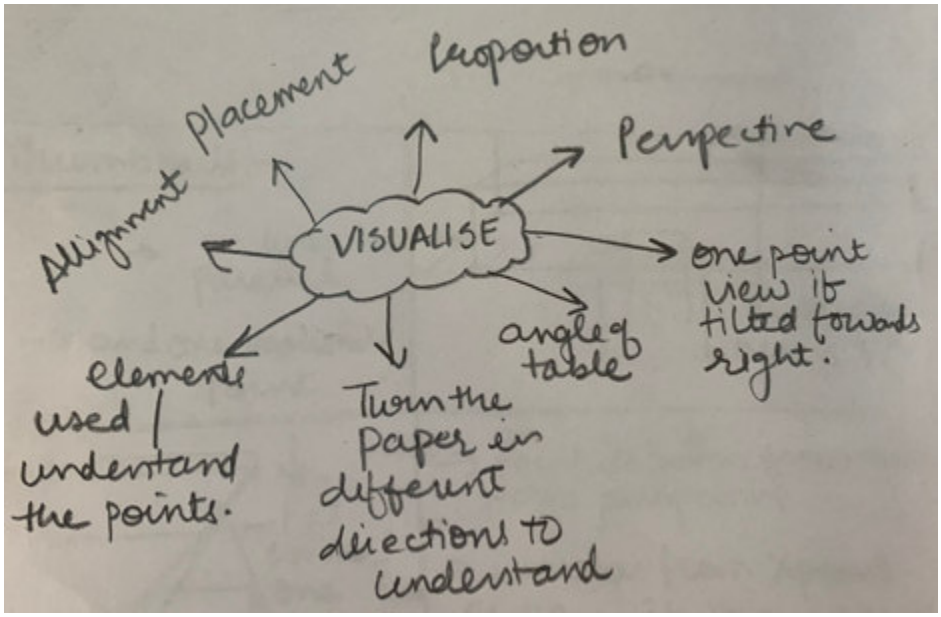
Q.2.A view of the kitchen given in 2 point perspectivefrom a man's eye level. Draw that same view from a point marked on the picture, and from a 3 year old's point of view. 13 Marks

Answer -

a)Understand -

- ●Perspective given from X point of view
- ●Understand the size and proportions of the alement.
- ●Placement and alignment is the key to drawing.
- Close your eyes and visualize the scenario.

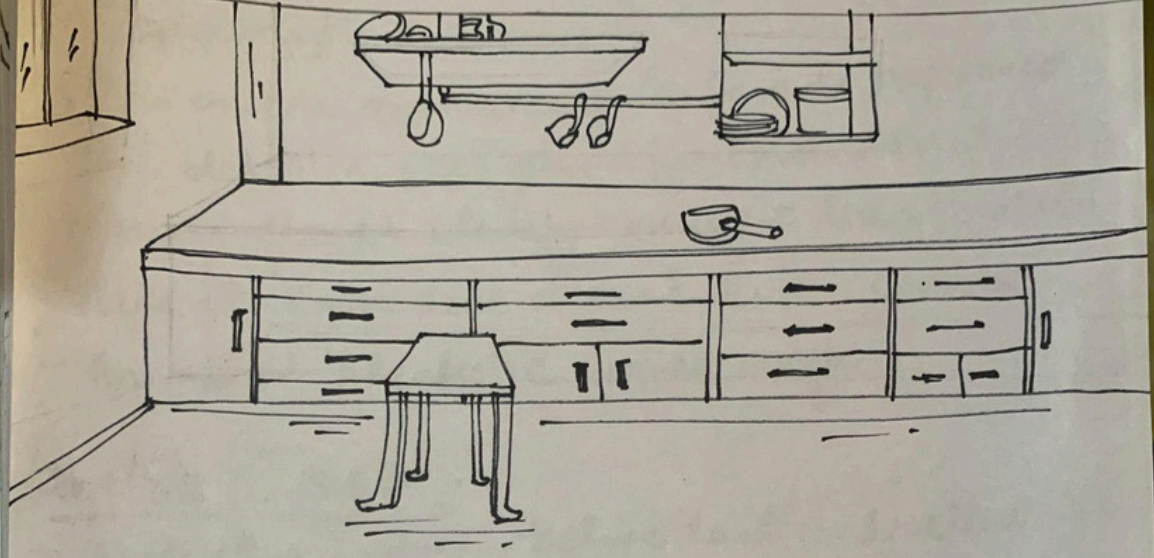
B) How to ideate - Look at the vanishing point in the give image.



Ps - understand the corner and vanishing point given from the X point of view.

c) How to present -

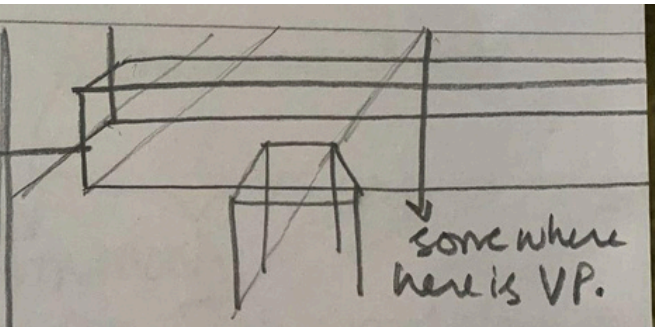
(c) HOW TO PRESENT :-



Thumbnails :-

→ lines parallel

→ and one vanishing Point





→ has similar one vanishing points in elements too.

→ Point is given from two point perspective

→ where as from X point of view, it is one point perspective.

→ Identify lines ∥ to each other & vanishing points

Q.3. Give 5 humorous ways of using an old bulb. Drawand explain. 15 Marks

Answer-

a)Understand -

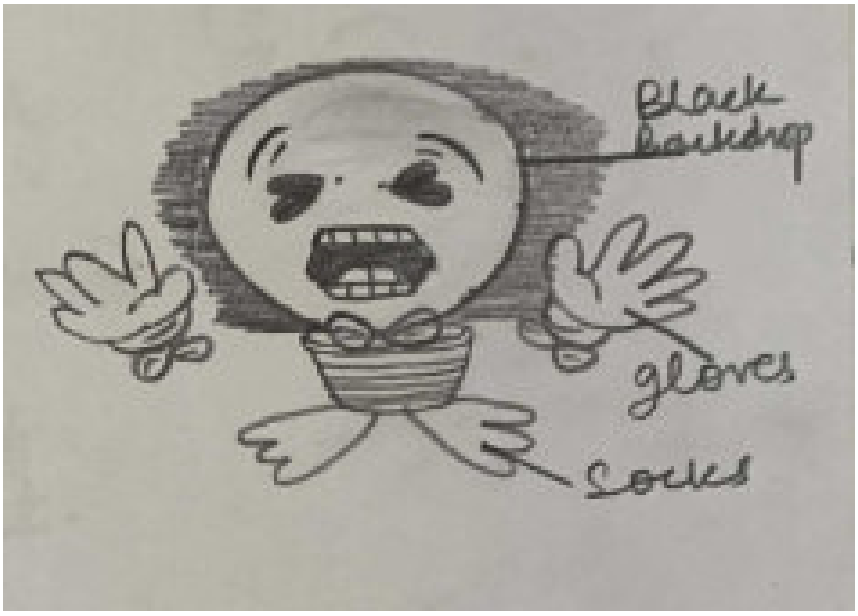
- Think of creative unusual uses.
- Observe surroundings, replace material to come up with creative ideas.
- The ideas should be funny, creative & usable.

b)How to ideate-

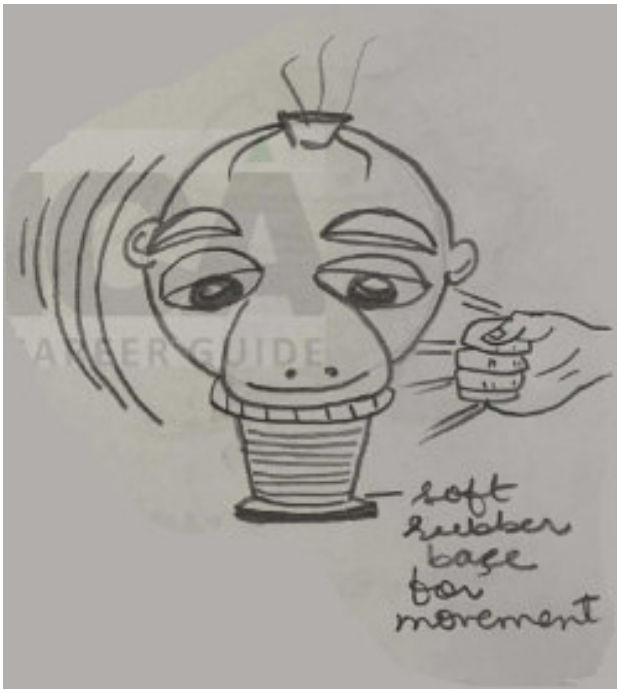
Ps- Think of ideas that can add humans to it along with usability purposes.

c)How to present - Think of creative yet usable & Feasible ideas.

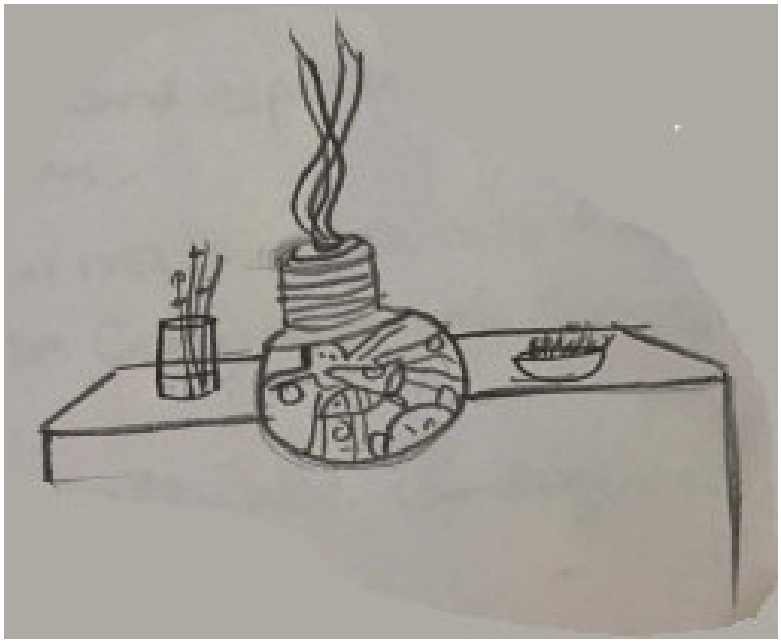
I. Halloween Character - Sketching the idea by using the form of the bulb and glow in the dark purpose to add more humor to an event.



ii. Bobble head - To distract toddlers and infants creating a toy that breaks concentration & has more fun. Using its sound bulky look to make it more interesting.



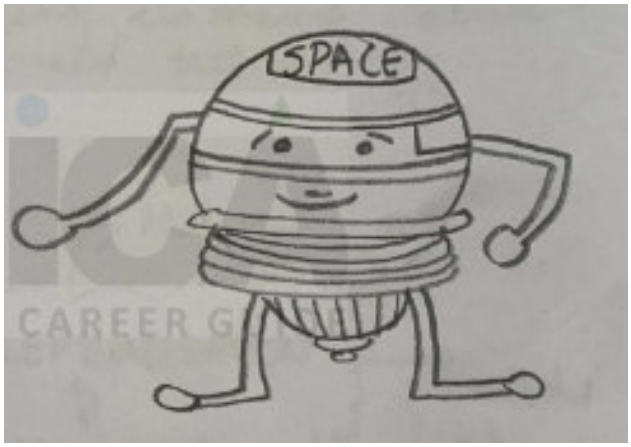
iii. Gifting/Decor - Using its as a decor/Funny piece/element kids use as a toy. Can be use for decor or saying memories can hang/Place on table.



iv. Toys - Creating topy with different expressions and bodies. This can help them in learning about emotions as well as characters. The character hug him self it you hit it or touch it.



V. Astronaut craft - Using it as an astronaut craft where kids can play as a role play toy. Making your character wear clothes in a different way.



Guidelines -

- ●Think of using elements around.
- ●Observe funny things and replace or add them into existing ideas.
- ●Think of adding raw materials or mix and match.
- ●Creating unusual ideas can make you score more.
- ●Add extra details/Materiel if required.

Q.4. Design three defensive mechanisms for trees so that they do not get cut down. 15 Marks

Answer-

a) Understand -

- Think of the existing mechanism nature has.
- Ideas can be wild or wacky , But terribly related to touch me not flowers types of mechanism.
- Ideas should be several defenses and also should depict creativity.

b) How to ideate - ideas need to be designed keeping in mind nature & advanced technologies.

c)How to present -

d)Guideline -

- Visual presentation and defense is the focus here.
- Wax/Glue/Poison are existing ones you can use creatively.
- Sharpness in nature can be a plus point to use.
- Focus on mentioning the process in each of the mechanisms.

Q.5. Ravindranath Tagore once said, "Where the mind is without fear and the head is held high, where knowledge is free..."

The poster depicts the meaning and gives a tagline to it. 10 Marks

Answer -

a)Understand -

- ●Poster design is a part of visual communication. Focus on easy yet eye catchy, Attractive visuals.
- ●Tagline is a must, Always look for suitable idioms and phrases/Create one.
- ●Think about proper breathing & spaces & Alignment.

b)How to ideate -

Ps. - Keep in mind, the visual should always compliment the tagline & Vice versa. Use indirect messages to depict the theme.

c)How to present -

Guideline -

- ●Eye catchy, attractive visuals according to the theme.
- ● Tagline/Header should support visuals.
- ●Placement and alignment of visual & tagline.
- ●Tag depicting 3D elements in visuals & avoid 2D elements.

1.A person was sitting under a jamun tree and there was a pumpkin patch. The person thinks that the tree is so big but has tiny jamun fruit and wouldn't it be better if the tree had pumpkins. This was a storyboard question and students had to draw it in the three spaces given. 12 marks

Answer -

Answer -

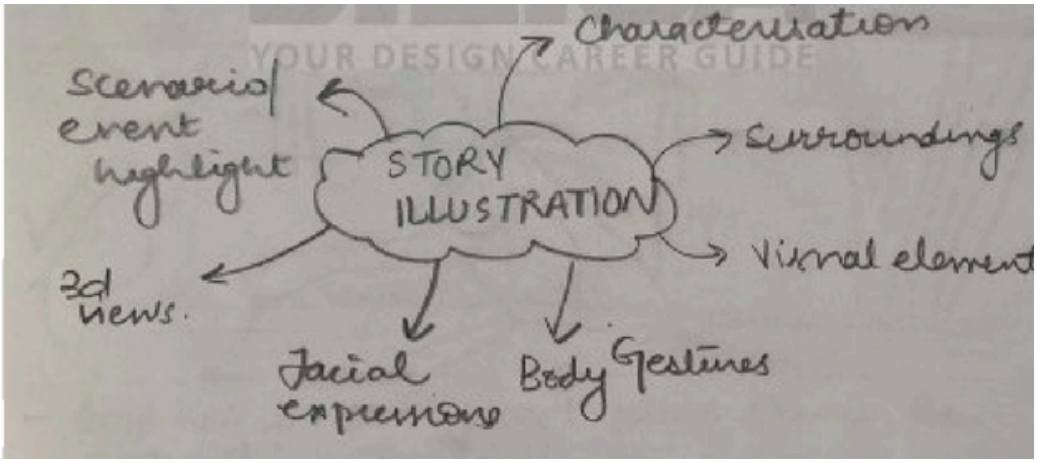
a) Understand:

- ●Focus on the main situation/event happened.
- ● Add a detailed foreground/Background to it.

- Visuals should clearly highlight the situation.
- Make it look like a real life scenario.
- Animated/Realistic should work.

b)How to ideate-

- Think of a suitable timeline to it and illustrate major events that happened after mind mapping.



Ps - Keep in mind, detail of the area song with the same size character & proportion.

c)How to present:

Guideline :

- Don't overdo the detailing by hiding character or the background.
- Focus should be on events & illustrations.
- Don't use text in between lines.
- Visuals can be cartoon, animated or real.
- Focus on detailing of human body/Guesture.