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Total 100 marks
Visual Perception and Design Sensitivity

Question 1 (Answer all questions) [15 Marks]

Q 1.1 [2 Marks]

The drawing below shows a cube made of two identical pieces. Draw one of these pieces in 3 dimensions.
Q 1.2

Below are 5 images of televisions that belong to different time periods, placed in a random order. Write down the correct sequence of the televisions according to the time period, from present to past, in the box provided below.

<table>
<thead>
<tr>
<th>A</th>
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Present > Past

---

Q 1.3

Below are 5 images of cars that belong to different time periods, placed in a random order. Write down the correct sequence of the cars according to the time period, from present to past, in the box provided below.

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
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Present > Past
Below is a line. Visualize and Illustrate 4 different forms by making use of the line.
In the following sentence, there are some letters that do not match the main letter font (Times New Roman). **Identify and Circle the 8 odd fonts** that do not belong to letter font Times New Roman. Example: Letter A in the third line.

A QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Q 1.6

A tetrahedron is shown below made out of paper and 4 tessellations of the same. One of the 4 tessellation is wrong. Tick the wrong one.
Given below are two images of the same car. Use minimum of two colours in each car to depict the following two expressions – Masculine and Feminine.
Drawing Abilities and Skills

Question 2  
[15 Marks]

Illustrate in perspective, a composition of an Open Book and a Table Lamp, with light switched on, placed on a flat surface. The drawing needs to be done by Freehand using black pencils (Do not use any drawing instruments or colour pencils)

Evaluation criteria:
1. Composition and correctness of perspective [5 marks]
2. Correctness of light and shadow [5 marks]
3. Quality of lines [5 marks]

Rough Work
Creativity

Question 3 [20 Marks]
The following objects are available to you -
2 hemispheres, 2 cubes, 2 cylinders and 2 wires (flexible rods) as shown below.

Imagine 5 interesting products made out of a combination of all 8 objects. You can scale the objects to any size or dimension.

Represent your ideas with neat sketches, name them along with brief notes (if necessary) in the space provided.

Evaluation criteria:
Originality of Ideas
Idea No 1

Name & Brief Note:

Idea No 2

Name & Brief Note:
Idea No 3

Name & Brief Note:

Idea No 4

Name & Brief Note:
Idea No 5

Name & Brief Note:

..................................................................................................................................................
Below is an image of the typical **Bus Stop** in India.

Identify **five unique problems** from point of view of the users.

a. Write these **unique problems** briefly in the space provided.

b. **Illustrate a solution** for each of these **problems** with a sketch in the space provided.

**Evaluation criteria:**

1. Identification of the each unique problem [10 marks]
2. Appropriateness of your solutions [10 marks]
Problem Identification

Sketch of solution

Problem Identification

Sketch of solution
Problem Identification

Sketch of solution
Design Problem Solving

Question 5  

Answer ANY ONE of the following questions A or B or C irrespective of the discipline you wish to pursue.

[A]

Problem Area: Product Design

Mobile phones have become quite popular as communication devices. Mobile phones do have great potential to address the special needs of the elderly.

Your task is to Design a new mobile phone for elderly.

a. Identify at least five distinct factors essential for designing mobile phone for the elderly. Write briefly in the space provided.

b. Generate at least three concepts through pencil sketches based on the factors identified above. Present these pencil sketches along with brief notes (if necessary) in the space provided.

c. Synthesize your final concept and present this through drawing, showing the overall form and the design of its interface.

Evaluation criteria:
1. Identification of distinct factors [5 marks]
2. Originality of your alternate concepts [10 marks]
3. Appropriateness of your final solution [10 marks]
4. Quality of your presentation [5 marks]
Problem Area: Communication Design

A new business venture wants to introduce an original health drink made from organically grown vegetables.

Your task is to Design a Logo/Symbol to capture the essence of this brand (you are free to choose a name for your brand). You can make use of text, graphics or both.

a. Identify at least five distinct factors essential for representing the brand. Write briefly in the space provided.

b. Generate at least three concepts through pencil sketches based on the factors identified above. Present these pencil sketches along with brief notes (if necessary) in the space provided.

c. Synthesize your final concept of the Logo/Symbol and present this through drawing. You may use colours if necessary.

d. Design the graphics for the label of a one litre pack of the above mentioned health drink. You need to make use of your final Logo/Symbol in the design of the label for packaging. Present this in the space provided along with brief notes. (if necessary)

Evaluation criteria:
1. Identification of distinct features [5 marks]
2. Originality of your alternate concepts [10 marks]
3. Appropriateness of your final Logo/Symbol [5 marks]
4. Clarity of your final Label/Symbol Design for packaging [10 marks]
Or [C]

Problem Area: Animation Design

Tiger and sparrow are on the verge of extinction (belong to endangered species) in our country. It is necessary to bring focus and attention for protection of these species.

Create an interesting comic strip of five key frames involving a tiger, sparrow and poacher (a person who captures animals by laying a trap) with the use of text and images.

a. Write the abstract of the story in five lines.

b. Make at least three alternate sketches for each of the characters in the space provided

c. Represent your storyboard in five key frames in the space allotted.
   If necessary, you can make use of colours.

Evaluation criteria:
1. Abstract of the story [5 marks]
2. Appropriate portrayal of the characters [10 marks]
3. Originality of your story board (text and images) [10 marks]
4. Quality of your presentation [5 marks]
Answer: Tick

[A] or [B] or [C]

a. Five Distinct Factors for Product and Communication Design
OR
Abstract of the story for Animation Design

1. .................................................................
2. .................................................................
3. .................................................................
4. .................................................................
5. .................................................................

b. Three Concepts for Product and Communication Design
OR
Three alternate characters for Animation Design

Sketch of solution 1 or Character 1.

Brief Note.................................................................
.................................................................

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Sketch of solution 2 or Character 2.

Brief Note

Sketch of solution 3 or Character 3.

Brief Note
Final Concept for Product
OR
Final Logo/Symbol for Communication Design
OR
Final Storyboard for Animation Design

Brief Note..............................................................................................................................................
Final Concept for Product Design
OR
Final Label for packaging for Communication Design
OR
Final Storyboard for Animation Design

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