

Bachelor of Architecture First Year First Semester Exam- 2023

DESIGN FUNDAMENTALS

Time: Three hours

Full marks: 100

Answer any FIVE questions.

Blank pages left unnecessarily in the answer script will be discredited.

Answers to a question/ or part of it shall not be split across the answer script.

1. Explain with examples how we can differentiate (20)  
between a designed and a non-designed object.
2. How do we perceive form? Draw and describe the (8+6+3+  
different types of figure-ground relationships. Explain 3 = 20)  
how we may change ground into a figure. Mention the  
visual qualities that are important in design.
3. How can one achieve a sense of movement in design? (10 +10 =  
Elucidate with an abstract composition of 8 cm x 13 cm. 20)
4. Make GRAPHIC notes on:  
a. Likeness grouping b. Attraction & attention value (4 x 5=  
c. Occult balance d. Golden rectangle 20)  
e. Variety in unity
5. Differentiate between rhythm and repetition. Using a (8+12)  
10.5 x 17 cm format, divide the area into a composition =20)  
of proportionate and rhythmical parts by using only  
straight vertical and horizontal lines. Use appropriate  
colours to emphasize the relationships.
6. What are semi-chromes? Explain their roles in (3+3+6+8  
subtractive mixing. Draw and describe the different hue = 20)  
intervals. Elaborate the effect of tone contrasts on form  
and how this may be applied in architectural design.

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