

S.No. : 438

AR 201

No. of Printed Pages : 03

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 0106

Roll
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B. Arch. Examination 2021-22

(Even Semester)

ARCHITECTURAL DESIGN - II

Time : Six Hours]

[Maximum Marks : 100

- Note :-
- (i) Attempt all questions.
 - (ii) Assume any missing data.
 - (iii) Use scale as mentioned.
 - (iv) All drawings should be properly dimensioned.

1. Attempt any four parts of the following : $5 \times 4 = 20$
 - (a) Define Anthropometrics and Ergonomics. 5
 - (b) Give standard sizes of a chair an Orissa pan, wash basin and a four seater dining table. 5

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- (c) Explain work triangle and also give its dimensions. 5
- (d) Create a composition using any one element of design. 5
- (e) Define space. 5
- (f) Derive the area of a studio for 40 B. Arch. students and that of a seminar hall for 40 people. 5
2. Attempt any two parts of the following : $15 \times 2 = 30$
- (a) Work out the optimum space required for a drawing room which can accommodate seating for at least six persons using anthropometric data. 15
- (b) Design a kitchen with a cooking range, refrigerator and sink, an optimum area should be worked out for the kitchen anthropometrically. 15
- (c) Design a hoarding measuring $3 \text{ m} \times 2 \text{ m}$ for a shoe brand and also write a punch line for brand. 15

3. Design anthropometrically semi permanent structure for an eating outlet on platform of railway station of your city serving tea, coffee and snacks. Express your ideas through : 50
- (a) Concept drawing
 - (b) Plan (Scale 1 : 20)
 - (c) Section (Scale 1 : 20)
 - (d) Elevations (Scale 1 : 20)
