

**B.Arch. Eighth Semester (Architecture Engineering) (CGS)**  
**10065 : Architectural Design - VIII : 08 AR 01**

P. Pages : 2

Time : Twenty Four Hours



**AU - 3080**

Max. Marks : 200

- Notes :
1. All question carry equal marks.
  2. Answer **Only One** question.
  3. Due credit will be given to neatness and adequate dimensions.
  4. Assume suitable data wherever necessary.
  5. Illustrate your answer necessary with the help of neat sketches.

**Important Instructions & Marks Allotment**

- 1) Final submission : This work shall be done to suitable scale, so as to understand complete design scheme to the examiner, with the help of following minimum drawings -
 

i) First day's submission - Important data collection, Area analysis, circulation & flow charts of activities and building line plan.	<b>25</b>
ii) All Floor plates with furniture layout.	<b>60</b>
iii) Site plan showing entry, exit, parking, landscape etc.	<b>25</b>
iv) Two major elevations.	<b>35</b>
v) Two sections.	<b>25</b>
vi) Road side view.	<b>15</b>
vii) Concept reflection.	<b>15</b>
- 2) First Day's work : This work shall be submitted at the end of the first day. This work will not be returned to the students. Do not make any change in the planning like changes of plan form, major additions of areas, floors etc. Major deviation from this first day's work is not allowed.
- 3) Students are not allowed to take out of exam hall, question papers any drawing paper, sheets etc. Use of Architectural data book / tables at the time of exam is not allowed. The credit shall be given to methodical work & neat presentation.
- 4) Candidates may assume suitable areas if not given for different functional requirements. You also may combine spaces for some of the activities together & may also add reasonable spaces like connecting corridors, circulation spaces etc.

**1. Maharashtra Art & Craft Centre at Nagpur**

Following are activities and spaces to be provided. Because of land constraint, building need to be planned for G+2 floor & above. All D.C.R. as per urban area are applicable.

- i) Training Studios :  
 Four sculpture studios of 50 sq.m. each, four clay modelling & terracotta studios, each 50 sq.m. Four painting studio of 50 sq.m. each craft rooms two nos. 30 sq.m. each, Carpentry Workshop 60 sq.m. each, two nos.

- ii) Art & Life Style Museum -  
Permanent display rooms - 4 Nos. 80 sq.m. each, Hall for display for sculpture, artifacts, art items - 80 sq.m. 2 Nos., Painting Gallery - 60 sq.m.
- iii) Reference Library - Book stacks area, reading area, Magazine & News Paper Section Librarian office, Photocopy room, etc. 200 sq.m.
- iv) Commercial Expo -  
Two anchor shops of 80 sq.m. Souvenir shops 10 Nos. 20 sq.m. each  
Refreshment area - Modern & traditional food eateries (a place to purchase & eat food there it self) about 10 Nos. shop of each 20 sq.m. and all shops would sharing a common open space for eating food by visitors.
- v) Admin Office : Office for curator, General Manager, Event Manager Office, Meeting room, Waiting Space for visitors, entrance lobby, Washroom etc. total area to provide 80 sq.m.

Plot : The site is at Nagpur, workout and suggest appropriate plot size. Plan the building for G+2 structure. On Ground floor only 50% ground coverage is permissible. Assume suitable direction for plot as North & take access from this direction i.e. North. Allowable FSI is 1.33.

**OR**

2.

### **Corporate Training Institute**

By considering following activities provide adequate area, to prepare a good plan for training institute.

- i) Training block - Training rooms four nos. for 50 students each, adequate hangout spaces for interaction, Audio-Visual rooms two nos. for 40 students each, common rooms & wash rooms for girls & boys. Faculty rooms for 10 nos. faculty about 10 sq.m. each. Seminar rooms two nos. about 70 sq.m. each. Two internet lab of 50 sq.m. computer lab & server room about 50 sq.m.
- ii) Multipurpose Hall for students functions, of 300 persons capacity. Provide two green rooms, stage & backstage, prefunction area etc. Small was room for male & female, total area may be 750 sq.m.
- iii) Students library - provide all its sections like reading room, book stacks, periodical section, photocopy room, office for librarian & four persons, book issue counter, reading lounge etc. total area may be about 350 sq.m.
- iv) Admin Office - This include office of 25 sq.m. for director, HRD manager office 20 sq.m. Training & placement office 20 sq.m. Interview room of 50 sq.m. Group discussion room - 50 sq.m., working area of 35 sq.m. for office staff, board room for 15 persons, pantry, waiting area & adequate toilets.
- v) Medical Centre - For medical test of selected candidates, two Doctors Cabin, Checkup room, waiting area, Record room, toilets, total area is about 80 sq.m.
- vi) Dining Hall & Kitchen - dining space separate for trainee & faculty, kitchen, wash up, Storage total area 120 sq.m.

Plot : The site is at Nashik, work out & suggest appropriate plot size. Plan the building for G+2 structure. On ground floor only 50% ground coverage is allowed Assume north direction & road from suitable side. Permissible FSI is 1.33.

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