

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 181401

Roll No.

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B. Arch.

Theory Examination (Semester-IV) 2015-16

ARCHITECTURAL DESIGN-IV

Time : 12 Hours.

Max. Marks : 100

Note:

- (a) 2 Butter sheets to be provided for sketch work. Final solution/ proposal to be composed on 3 cartridge sheets.
- (b) All sheets to be submitted at the end of 2 days.
- (c) Assume any missing data.

COLLEGE CANTEEN

Every College requires spacious canteen facility in the college premises run by college management, where variety of food and snack items are provided to the students and staff of the college maintaining hygiene and quality. Canteen should have informal atmosphere so that students should feel relaxed. Refreshments are available at the college canteen at affordable rates even after the college is closed.

Adequate seating facilities are provided to accommodate students and staff even during peak time.

You are required to design a modern Canteen to conveniently accommodate at least 200 students at a time, functioning in the campus of a newly established Engineering College on Agra Delhi highway. The canteen will possess modern furniture and electrical automatic cooking and storing facilities to provide hot lunch, snacks and beverages both to the students and staff in reasonable time duration from take away counter.

As well as offering healthy food on a daily basis, the canteen will run a number of 'special days' and promotions and celebrations during the year, like birthday parties, treats, etc. All of these are very popular and enjoyable treats for the students.

Requirements

The requirements of College Canteen are:

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|------------------------|------------|
| 1. Entrance Lobby | 30 sq. m. |
| 2. Dining hall | 300 sq. m. |
| 3. Cash/coupon counter | |
| 4. Manager's Office | 25 sq. m. |
| 5. Kitchen area | 100 sq. m. |

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|---|----------------|
| 6. Pantry | 30 sq. m. |
| 7. Semi covered spaces for outdoor dining facilities. | |
| 8. Room for the caretaker with attached toilet and kitchenette. | 20 sq. m. |
| 9. Store | 10 sq. m. |
| 10. Toilets for ladies & gents | 30 sq. m. each |
| 11. Adequate parking facilities | |
| 12. Any other facility you wish to provide | |

Site- The site available is 65m x 110m; it is located on the corner, at the junction of two roads. The Eastern side of the rectangular site is 110 m, and has a 12m. wide road, while the Northern side (65m) has 18 m wide road.

Drawings required:

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| • Concept | (10) |
| • Site plan (1:200) | (15) |
| • Floor plans (1:100) | (35) |
| • Elevation and section (1:100) | (30) |
| • An interesting view (isometric/perspective) | (10) |

