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Total No. of Pages : 02

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B. Arch.(2012 & Onwards) (Sem.-4)**ARCHITECTURAL DESIGN – IV****Subject Code : BACH-401****M.Code : 71016****Time : 6 Hrs.****Max Marks: 100****INSTRUCTIONS TO CANDIDATES :**

1. Assume any missing data. All assumptions must be specified.
2. All drawing to be drafted on a suitable scale.

VILLAGE PRIMARY SCHOOL

A village primary school is the first step towards an educated next generation. It caters to children from that particular village and includes classes from Nursery to Class 3.

Most village primary schools are government run and also have provision for serving food to the students according to the Government Midday Meal Scheme.

The brief is to design a government primary school in a village, located in District Hoshiarpur, Punjab, which shall cater to students in Nursery, KG, Class 1, Class 2 and Class 3. Each class shall have one section.

The design of the school will functionally cater to the needs and requirements of the students and staff and also reflect the vernacular vocabulary of the village.

The design must keep in mind aspects related to site planning and zoning, climatic response of the built environment, site and building circulation, vernacular techniques, interaction of outdoor and indoor spaces, building services and structure system.

MINIMUM REQUIREMENTS

(additional requirements may be added if the need arises and must be specified)

1. Classrooms - 5 in number for a capacity of 20 students each (Requirements for Nursery classroom and Class 3 classroom will vary)
2. Outdoor Play Area
3. Staff Room - 1 in number for 6 teachers
4. Room for Support Staff - for 4 persons
5. Principal's Room
6. Administrative Office - for 4 persons

7. Multi-purpose Hall for 60 persons
8. Kitchen/Pantry with connected washing area - as per requirement
9. Toilets- as per requirement
10. Drinking Water Facility - as per requirement
11. Cycle Stand - as per requirement

SITE CONSIDERATIONS

Site Area - 40 M × 50 M

Maximum Ground Coverage - 40%

Front setback - 5 M

Rear and Side setback - 3 M

The building block shall not exceed 1 storey.

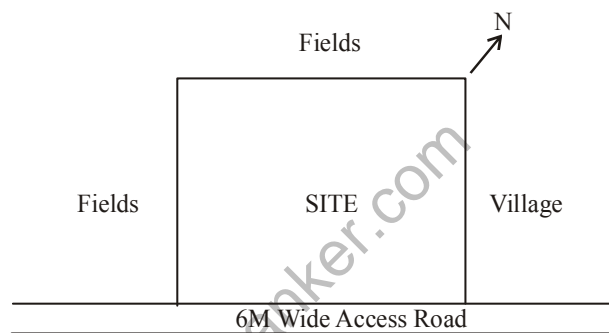


FIG.1

DRAWINGS REQUIRED

Site Plan

Ground Floor Plan

At least 2 Building Elevations and at least 1 Building Sections

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.