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INTERNATIONAL CENTRE FOR APPLIED SCIENCES

(Manipal University)

III SEMESTER B.S. DEGREE EXAMINATION–NOV. / DEC. 2016

SUBJECT: INTRODUCTION TO ARCHITECTURAL DESIGN -1 (AE231)

(BRANCH: ARCHITECTURE)

Friday, 2 December 2016

Time: 12 Hours in TWO Days

Max. Marks: 100

PLEASE READ THE INSTRUCTIONS CAREFULLY

1. The first sitting of 6 hours is continuous; at the end of which the candidate shall submit the general scheme and the plan developed along the brief on the design concept. The submission will not be returned to the candidate.
2. Major deviations from the design developed and submitted in the “First Day’s Work” will not be accepted.
3. No sheets will be allowed to be taken out of or into the examination hall.
4. The carpet area given can be increased or decreased by maximum 10%.
5. Assume suitable data whenever not given and state the same.
6. The medium of presentation, i.e., Pencil, Crayon, Ink etc. is left to the choice of the candidate.
7. The candidate is allowed to have non-messy snacks inside the examination hall.

TWIN HOLIDAY BUNGALOW FOR BROTHERS AT UDUPI

Design identical twin holiday bungalows for two brothers. Each brother has a family of 3. The design should create a surrounding, which would enhance and create a mood for a relaxing holiday. Adequate open spaces shall be proposed.

Site is 40 X 25 meters. The longer side abuts a 9-meter wide internal access road. An area of dense vegetation surrounds the site. The land is fairly levelled and has significant vegetation. Consider minimum setback of 1.5m on all sides and 2m on the side of the road.

DESIGN BRIEF OF ONE BUNGLOW:

Entrance porch	30 sq. m
Foyer	8 sq. m
Living room	26 sq. m
Master bedroom with toilet	25 sq. m
Child’s bedroom with toilet	20 sq. m
Dining	12 sq. m
Kitchen	10 sq. m
Common toilet	6 sq. m
Car garage	20 sq. m

DRAWING REQUIREMENTS:

Site Plan	Scale	1:100
Floor Plans	Scale	1:50
Sections	Scale	1:50
Elevations	Scale	1:50
Views		2 views
Details		
Conceptual Drawings		

MARKS ALLOTTED:

Site Plan	10 Marks
Floor Plans for one bungalow	30 Marks
Sections	15 Marks
Elevations	15 Marks
Views	10 Marks
Details	10 Marks
Conceptual Drawings	10 Marks

