



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Roll no.....

End Semester Examination, December 2024

B.Arch – III Semester

ARCHITECTURE DESIGN -II (ADAR201)

Time: 5 hrs.

Max Marks: **20**

Instructions: *All questions are compulsory. The question paper consists of a single question divided into various sub parts. Use suitable scale wherever necessary and mark the dimensions properly.*

Section-A (Compulsory)

A museum is an institution that conserves and displays a collection of artefacts and other objects of artistic, cultural, historical, or scientific importance. The design of museums varies according to the items of display, their nature and scale.

In a historical city of Puri, there is a site of 4000sq. mt. (40m X100m) that stands next to an excavated stepwell. The excavated articles are to be displayed in the museum with the following programme:

1. Admin office 100 sq mt.
2. Galleries 5 nos. 300 sq mt each
3. Cafeteria (100 sqmt) with kitchen (25sq. mt)
4. Audi Visual Room 70 sq m.
5. Toilets and services as required.

The site faces North along the shorter side. The stepwell is towards the North of the site 90 metres from the longer edge of the site. Setbacks are 5m from all sides. FAR is 100 and ground coverage 35%.

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| A. Analyze the site. | [CO-1] [L-1] 2 |
| B. Provide bubble diagram, Zoning, and concept | [CO-2] [L-3] 3 |
| C. Prepare the site plan and other floor plans on scale 1:250 and 1:100 respectively. | [CO-3] [L-5] 10 |
| One Sections & one Elevation on Scale 1:100 | [CO-4] [L-6] 5 |

All drawings to depict the concept development and roof structure.