



Roll No

## PRESIDENCY UNIVERSITY BENGALURU

### SCHOOL OF DESIGN END TERM EXAMINATION – MAY/JUN 2024

SET-A

**Semester:** Semester VI 2021

**Course Code :** DES2125

**Course Name :** Adaptive Reuse and Recycle

**Program :** B. Design

**Date :** June 6, 2024

**Time :** 1:00 PM - 4:00 PM

**Max Marks :** 100

**Weightage :** 50%

#### Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.
- (iv) Do not write any information on the question paper other than Roll Number.

#### PART A

**ANSWER ANY 5 QUESTIONS**

**5QX6M=30M**

1. Discuss the guidelines and principles for implementing adaptive reuse in building projects.  
(CO1) [Knowledge]
2. Discuss the economic benefits of adaptive reuse, including cost factor, property value, and job opportunities.  
(CO1) [Knowledge]
3. Evaluate how adaptive reuse contributes to reducing carbon footprint and advancing environmental sustainability.  
(CO1) [Knowledge]
4. Delve into various approaches to implementing adaptive reuse strategies.  
(CO1) [Knowledge]
5. What role does historical research and documentation play in informing the adaptive reuse process for heritage buildings?  
(CO1) [Knowledge]
6. Define and elucidate five principles guiding adaptive reuse strategies  
(CO1) [Knowledge]
7. Compare and contrast adaptive reuse with new construction in terms of environmental impact, resource utilization, and long-term sustainability.  
(CO1) [Knowledge]

## PART B

**ANSWER ANY 2 QUESTIONS**

**2QX15M=30M**

8. Discuss the economic benefits and potential challenges associated with the adaptive reuse of heritage buildings through examples.  
(CO2) [Comprehension]
9. Discuss, how can the historical and cultural significance of a heritage building be preserved and celebrated through adaptive reuse?  
(CO2) [Comprehension]
10. Explore different types of adaptive reuse forms, accompanied by clear sketches. (CO2) [Comprehension]

## PART C

**ANSWER ANY 2 QUESTIONS**

**2QX20M=40M**

11. Discuss a casestudy on a brand which promotes the concept of recycling & reuse.  
(CO3) [Application]
12. A decommissioned church in a residential neighbourhood is being converted into a multi-purpose community center. The local community has diverse needs and interests. How would you engage with the community to identify their needs and ensure that the adaptive reuse project meets these needs effectively? What design solutions would you propose to maximize the building's utilization?  
(CO3) [Application]
13. Provide insights into two case studies showcasing adaptive reuse projects. Include sketches to illustrate.  
(CO3) [Application]