

P P SAVANI UNIVERSITY

Third Semester of. B.ID. Examination

December 2022

SDID2470 Interior Environment

20.12.2022, Tuesday

Time: 10:00 a.m. To 12:00 p.m.

Maximum Marks: 40

Instructions:

1. Write main answer sheet no. in your block report under main supplementary.
2. Read instructions carefully before starting.
3. All construction lines must be clearly visible for drawing based answers.
4. Use proper intensity of lines in drawings. Neatness of drawing and lettering is important.
5. Assume suitable data where necessary.
6. Data given and assumed, in questions must be mentioned in the answers.

Q-1	MCQ/Short Question/Fill in the Blanks	[10]	CO	BTL
(i)	What is full form of IGBC? a) Indian Green Bio Council b) Indian Green Building Construction c) Indian Green Building Council d) Indian Green building Climate		1	1
(ii)	Sustainable Building means. a) Green building b) Environmental Building c) Both A and B d) None of Above		1	1
(iii)	Does Green Building Costs more than traditional Building? a) yes b) No		1	1
(iv)	Green building practices include. a) Only energy efficiency b) Only recycled materials c) Only Environmental protection d) All of these		1	3
(v)	What does a LEED rating Reflect? a) The cost of a Building b) The carbon footprint of a building c) How green a building is d) All of above		1	3
(vi)	What is the type of climate experienced in India? a) Tropical cyclonic type b) Tropical monsoon type c) Temperate monsoon type d) Subtropical monsoon		1	1
(vii)	You are trying to lessen the footprint of your building. This will have a positive effect on which of the following? a) Public Transit Access b) Parking Capacity c) Open Space d) Capacity for Recycling		2	4
(viii)	_____ is Defined as the Structure and Properties of a Particular Area. Ecology Environment Topography Edaphic		1	1
(ix)	LEED means?		1	1

- a) Leadership in Ecological and Environmental Design b) Leadership in Energy and Environmental Design
- c) Leadership in Efficiency and Environmental Design d) Leadership in Ecological and Ecological Design

(x)	Which of the following is not the purpose of a green building?	1	3
	a) To reduce use of water b) To minimize damage of the environment c) Re-use of waste materials d) None of the above		
Q-2	Define Thermal Comfort and how does it affect person? OR	[05]	3 3
Q-2	Explain indoor air quality and which are the major pollutants?		3 3
Q-3	What are bioclimatic conditions? OR	[05]	1 2
Q-3	What is the importance of sustainable building materials		1 1
Q-4	Short note: Energy efficient rating systems and Its applications in interior design OR	[10]	2 3
Q-4	Ventilation and air movement around buildings.		3 4
Q-5	Explain the concept of bioclimatic chart. OR	[10]	1 1
Q-5	How does indoor air get polluted and explain the steps to improve it.		1 3

CO : Course Outcome Number BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply
4: Analyze	5: Evaluate	6: Create