



UNIT WISE QUESTION BANK

25CE301 BUILDING MATERIALS AND CONCRETE TECHNOLOGY

UNIT-2

S.NO	QUESTIONS	BT	CO	PO
Part-A(Short Answer Questions)				
1	What are the main constituents of paint?	L1	CO2	PO4
2	Define varnish and mention its uses.	L1	CO2	PO2
3	What is distemper? State its applications.	L1	CO2	PO3
4	List any four types of glass used in buildings.	L2	CO2	PO6
5	What are the properties of plastics used in construction?	L2	CO2	PO5
6	Differentiate between asphalt and bitumen.	L1	CO2	PO1
Part-B(Long Answer Questions)				
1	Explain the different types of paints, their constituents, properties, and applications in building construction.	L1,L2	CO2	PO1
2	Describe the manufacturing process of paints and explain the characteristics of an ideal paint.	L2	CO2	PO2
3	Explain varnishes and distempers with their composition, properties, advantages, disadvantages, and uses.	L1,L2	CO2	PO4
4	Discuss the various types of glass used in buildings and explain their properties and applications.	L2	CO2	PO6
5	Explain the properties, advantages, disadvantages, and applications of plastics in construction engineering.	L1	CO2	PO2
6	Describe asphalt and bitumen in detail. Explain their properties and uses in road and building construction.	L3	CO2	PO5
7	Explain adhesives and sealants with their types, properties, and applications in modern construction practices.	L1	CO2	PO1
8	Discuss modern building materials such as GFRP, geo synthetics, and AAC blocks with their manufacturing process, properties, advantages, and applications.	L3	CO2	PO2
9	Explain the different types of cement as per IS codes such as OPC, PPC, and PSC. Compare their composition, properties, and uses.	L2	CO2	PO1
10	Describe the composition and hydration of cement compounds. Explain the various tests conducted on cement such as consistency test, setting time test, soundness test, and compressive strength test.	L2	CO2	PO4