



Seat No. _____

HAK-1901390201050400

Third Year B. A. (ID) (Sem. V) Examination

May – 2023

Construction - V

Time : 2 Hours / Total Marks : 50

Instructions :

- (1) All questions are compulsory.
- (2) Any ambiguity will be considered as a wrong answer.

1 State the following sentences as true or false : 10

- (1) Partition is meant to divide two spaces horizontally.
- (2) Roof can be considered as false ceiling.
- (3) Services cannot be hidden in partition.
- (4) Partition can only made in wood or wood product.
- (5) Porous material should be used in acoustic ceiling.
- (6) Paneling acts as structural member.
- (7) Partition should be strong enough to carry its own dead weight and the floor above.
- (8) Partition should act as sound barrier especially when it divides a room into two units.
- (9) Suspended ceiling carries its own dead load.
- (10) Metal is never used in structural system of false ceiling.

2 Write short notes on the following : (any two) 10

- (1) Different types of partition and describe any two in brief.
- (2) Explain types of paneling systems in brief.
- (3) What are the advantages and disadvantages of wooden partition ?
- (4) Describe modular false ceiling.

- 3** Design a reflected ceiling plan (minimum 3 levels and use combination of two material) for restaurant setup which divides into two areas i.e. Waiting and Restaurant Seating with furniture layout. (Scale-1:20). Kitchen not required. **15**
- # Draw a sectional detail between lintel level and slab only.
 - # Show joinery for different levels (scale - 1:5)
 - # Also provide electrical layout with fan, light and A/C points.
- 4** Design a partition (as per furniture layout) in plan and one sectional elevation (scale - 1:20) for the same space with one door for transition between two spaces (door size 2100 × 1000 mm) **15**
- # Partition should be full height and of any material.
 - # Show joinery detail for partition at floor, slab and intermediate levels (scale - 1:5)
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