



JAF-1601390101052800 Seat No. _____

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

November – 2019

Construction - V

Time : 3 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. Paneling acts as structural member.
2. Partition should be strong enough to carry its own dead weight and the floor above.
3. Partition should act as sound barrier especially when it divides a room into two units.
4. Suspended ceiling carries its own dead load.
5. Metal is never used in structural system of false ceiling.

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

1. What are the advantages and disadvantages of wooden partition ?
2. What is paneling ? Describe types of paneling.
3. Describe modular false ceiling.
4. Explain types of suspended ceiling in brief.

- 3** Design a reflected ceiling plan (minimum 3 levels and use combination of two material) for office setup which divides into two areas i.e. Waiting and Director's cabin with furniture layout. (scale-1:20). **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)

