

Design of Masonry Structures Multiple Choice Questions and Answers for PDF

2. If the ratio of center to centre spacing of intersecting walls to actual thickness of intersecting wall is more than 20, then the stiffening coefficient for wall proper will be
- 0
 - between 0 and 1
 - 1
 - greater than 1

Ans: d

7. Maximum slenderness ratio of load bearing walls for a dwelling having more than 2 stores
- shall not exceed 12 if lime mortar is used
 - shall not exceed 18 if cement lime mortar 1:2:9 is used
 - shall not exceed 24 if cement mortar 1:6 is used
- Of these statements
- (i) and (ii) are correct
 - (ii) and (iii) are correct
 - (i) and (iii) are correct
 - (i) and (ii) and (iii) are correct

Ans: a

8. Where a structural component or a system is providing lateral support to five or more walls or columns, the lateral load to be resisted may be taken as
- 4 percent
 - 5 percent
 - 6 percent
 - 7 percent
- of the total vertical load on the most heavily loaded wall or column in the group.

Ans: d

9. The effective height of free standing non load bearing wall and column respectively will be
- $1.0H$ and $1.0H$
 - $1.5H$ and $1.5H$
 - $2.0H$ and $1.5H$
 - $2.0H$ and $2.0H$
- where H is the height of wall or column between centres of supports.

Ans: d

10. If H is the height of wall between centres of supports, then the effective height of wall where concrete floors have a bearing on wall irrespective of the direction of span will be
- $0.75 H$

Masonry Questions And Answers

ML Yell



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