

TE/Insem./Oct.-4
T.E. (Civil Engineering)
STRUCTURAL ANALYSIS - II
(2012 Pattern)

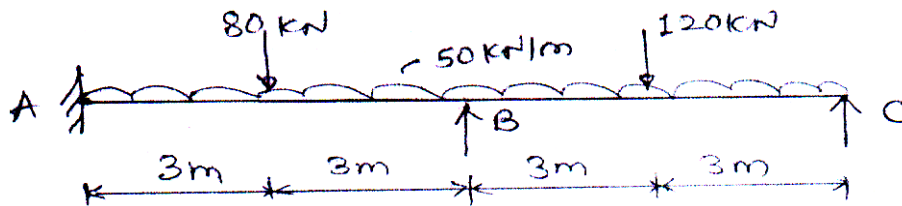
Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

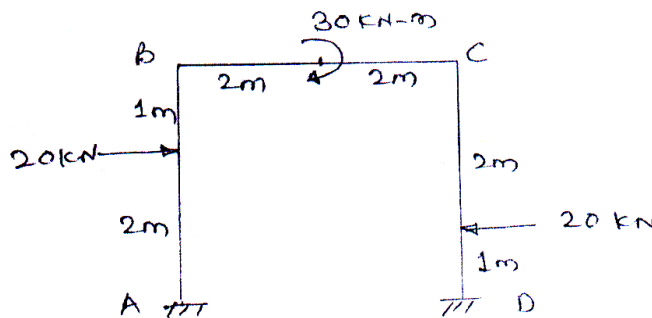
- 1) *Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.*
- 2) *Figures to the right indicate full marks.*
- 3) *Assume suitable data, if necessary.*
- 4) *Use of electronic calculator is allowed.*

Q1) Analyse the continuous beam by slope - Deflection Method. Draw BMD.[10]

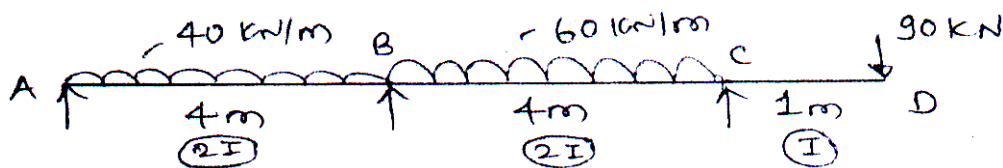


OR

Q2) Analyse the frame by slope - Deflection Method. Draw BMD. [10]



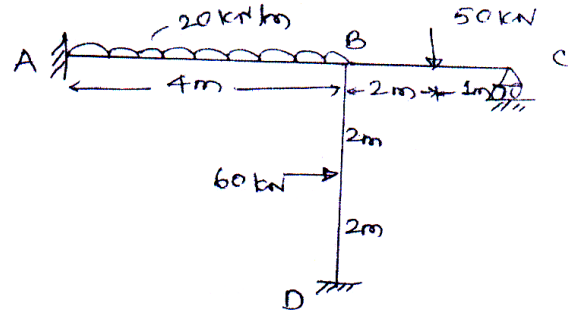
Q3) Analyse the continuous beam by Moment Distribution Method. Draw BMD.[10]



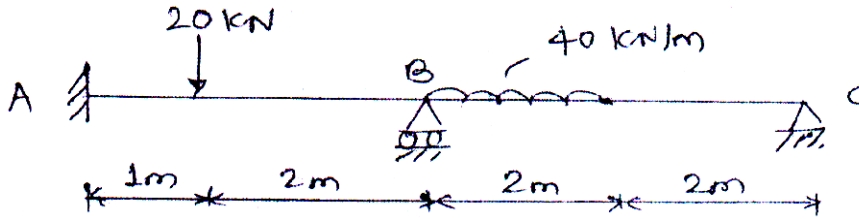
OR

P.T.O.

Q4) Analyse the frame by Moment Distribution Method. Draw BMD. [10]



Q5) Analyse the continuous beam by Flexibility Matrix Method. Draw BMD. [10]



OR

Q6) Analyse the frame by Flexibility Matrix Method. Draw BMD. [10]

