Total No. of Questions :6]

SEAT No. :

P40

[Total No. of Pages :3

Oct./TE/ Insem. - 154

T.E. (Civil Engineering)

STRUCTURAL ANALYSIS - II

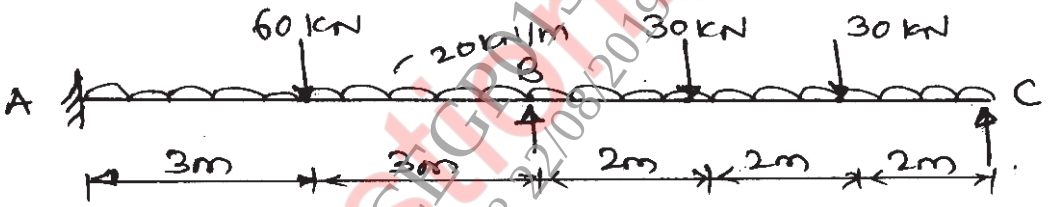
(2015 Pattern) (Semester-I)

Time : 1 Hour] *[Max. Marks :30*

Instructions to the candidates:

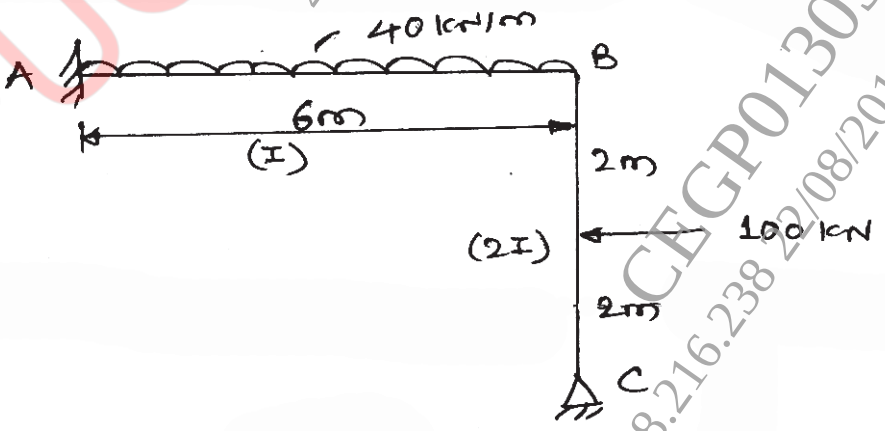
1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
2) *Figures to the right side indicate full marks.*
3) *Assume suitable data, if necessary.*
4) *Use of electronic calculator is allowed.*

Q1) Analyse the contineous beam by slope - Deflection method. Draw BMD.**[10]**



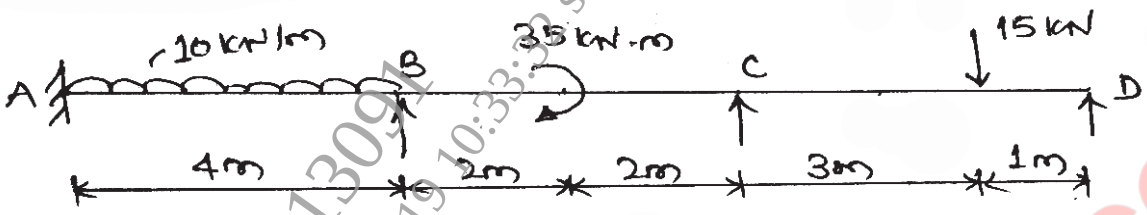
OR

Q2) Analyse the frame using slope - Deflection method Draw BMD. **[10]**



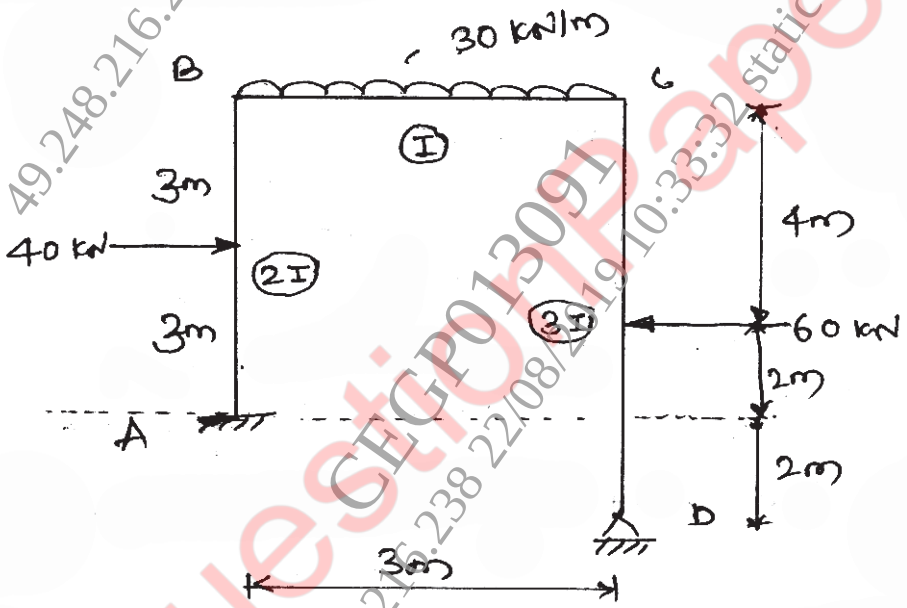
P.T.O.

Q3) Analyse the contineous beam by moment Distribution method. Draw BMD. **[10]**

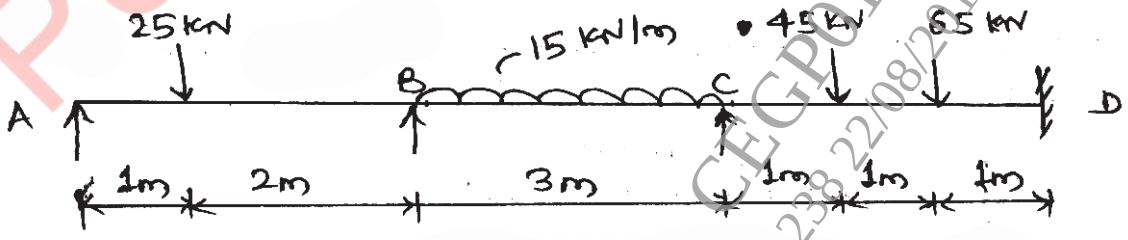


OR

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

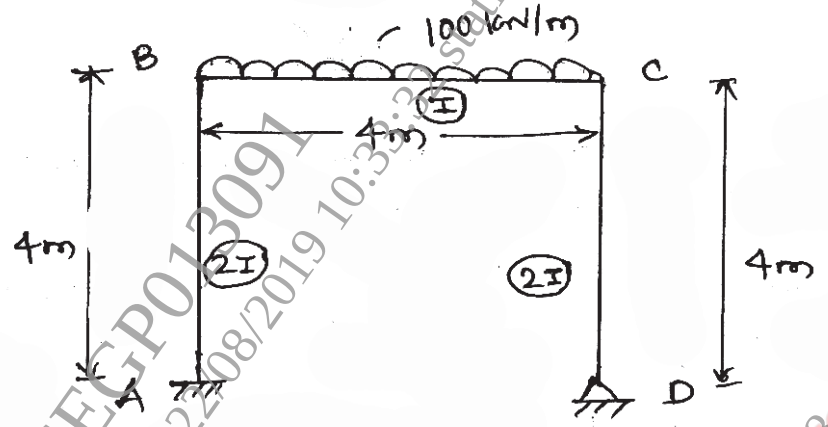


Q5) Analyse the contineous beam by Flexibility Matrix Method. Draw BMD **[10]**



OR

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



OOOO