

21ENG36/21ARC36

b. Draw SFD and BMD for the Fig.Q7(b) given below.



(10 Marks)

Draw SFD and BMD for a cantilever beam carrying point load at the free end. 8 a. Draw SFD and BMD for the Fig.Q8(b) given below. b.

(10 Marks)

IOLAN 2014 N am Fig.Q8(b)

(10 Marks)

(10 Marks)

Module-5

- Write the Bending Equation and assumption made. 9 a.
 - The unsymmetric I-section is shown in Fig.Q9(b) is subjected to shear force of 40 kN. Draw b. shear stress variation across the depth.



(10 Marks)

10

I-section given in the Fig Q10 is simply supported over a span of 4m to carry a UDL of 80 kN/m over its entire span. Draw bending and shear stress across a section.



(20 Marks)

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