

**DESIGN OF STEEL STRUCTURES
KEYS**

I Choose the correct alternative:

1. d
2. b
3. b
4. d
5. a
6. c
7. a
8. a
9. a
10. a

II Fill in the blanks

11. 100
12. Merchant rankine formula
13. Local buckling of the element before reaching the yield stress
14. < 85
15. $5 - 15 \%$
16. $1.33 \times 0.66 f_y$
17. Half
18. $(V_b/V_{db})^2 + (T_b/T_{db})^2 \leq 1.0$
19. $\sqrt{f_a^2 + 3q^2}$
20. Girder