Assignment 3

Due on 2018-06-21, 20:09 IST.

This is the last question in the assignment. Only one question remains.

Please submit your work by the deadline.

Some feedback will be provided.

1. An engineer is to design a structure for a specific load. The load is to be applied at a point below the center of gravity of the structure. How should the engineer proceed?

2. A beam is subjected to a bending moment. The maximum stress occurs at the top of the beam. Which of the following statements is true?

3. A column is subjected to a compressive load. The material of the column is steel. Which of the following statements is true?

4. A bolt is subjected to a tensile load. The bolt is made of steel. Which of the following statements is true?

5. A screw is subjected to a torque. The screw is made of steel. Which of the following statements is true?

6. A shaft is subjected to a torsion load. The shaft is made of steel. Which of the following statements is true?

7. A gear is subjected to a torque. The gear is made of steel. Which of the following statements is true?

8. A bearing is subjected to a radial load. The bearing is made of steel. Which of the following statements is true?

9. A propeller is subjected to a torque. The propeller is made of steel. Which of the following statements is true?

10. A shaft is subjected to a torsion load. The shaft is made of steel. Which of the following statements is true?

11. A gear is subjected to a torque. The gear is made of steel. Which of the following statements is true?

12. A bearing is subjected to a radial load. The bearing is made of steel. Which of the following statements is true?

13. A propeller is subjected to a torque. The propeller is made of steel. Which of the following statements is true?

14. A shaft is subjected to a torsion load. The shaft is made of steel. Which of the following statements is true?

15. A gear is subjected to a torque. The gear is made of steel. Which of the following statements is true?

16. A bearing is subjected to a radial load. The bearing is made of steel. Which of the following statements is true?

17. A propeller is subjected to a torque. The propeller is made of steel. Which of the following statements is true?

18. A shaft is subjected to a torsion load. The shaft is made of steel. Which of the following statements is true?

19. A gear is subjected to a torque. The gear is made of steel. Which of the following statements is true?

20. A bearing is subjected to a radial load. The bearing is made of steel. Which of the following statements is true?