

Two mark

1. Write a short note on vibration absorbers.
2. Write down the application of Lagrangean equation.
3. Explain coordinate coupling in a multi degree of freedom system.
4. Define synchronous motion for a multi degree of freedom system.
5. What do you understand by Rayleigh's stationary principle?
6. state the D'Alembert principle.
7. Explain the seismic Instruments.
8. Define vibrometer or low frequency Transducer?
9. Define Accelerometer or high frequency Transducer?
10. Define semi-definite system?
11. Define normal modes of vibration or principle mode of vibration?
12. Define principle coordinates?
13. Define coordinate coupling?
14. Define vibration of the Continuous medium or system?
15. Define vibration absorber?
16. What is Magnification factor?
17. Write the generalized solution for lateral vibration of the spring in Continuous systems?
18. Define whirling speed of shafts.
19. What is influence coefficient?
20. Define eigen function, eigen vector and eigen value.
21. State Hamilton's principle.
22. Define Dynamic Coupling.



22. Define static Coupling.

23. Define normal modes of vibration or principal mode of vibration?

24. What is influence coefficient?

20. ~~What is influence~~

25. Write the expression for the Rayleigh's equation.

Define normal modes of vibration or principal mode of vibration?

Define static coupling?

Define influence coefficient?

Write the generalized solution for lateral vibration of the spring in continuous systems?

What is magnification factor?

Define vibration absorber?

Define vibration of the continuous medium or system or coordinate coupling?

Define principle coordinates?

Define normal modes of vibration or principal mode of vibration?

Define static IZ parameters?

Define Accelerometer or high frequency transducer?

Define vibrometer or low frequency transducer?