

WELCOME
TO Adda247

*“If there is no
struggle, there is no
progress.”—
Frederick Douglass*

Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Index :-

TOM – Theory of Machine

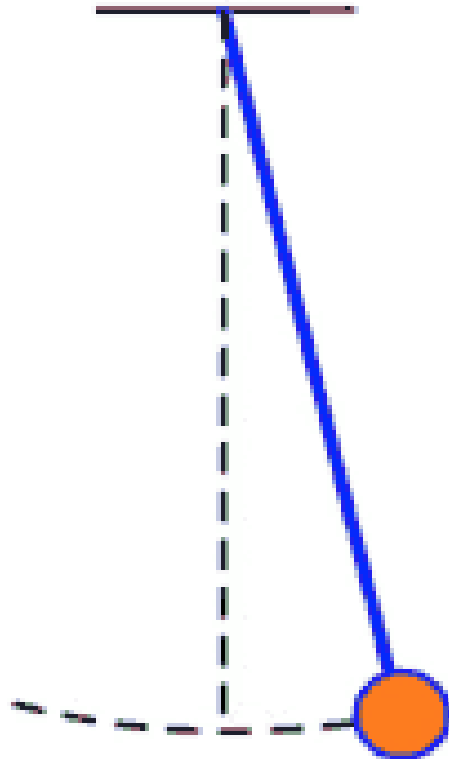
- 1) Vibration**
- 2) Free vibration**
- 3) Circular motion**
- 4) frequency**

1-2 marks from these Topic

Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses

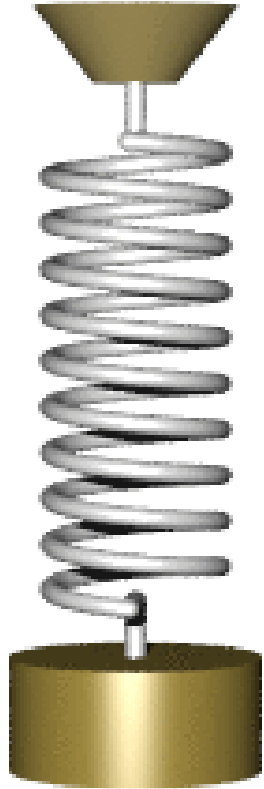


Vibration :-

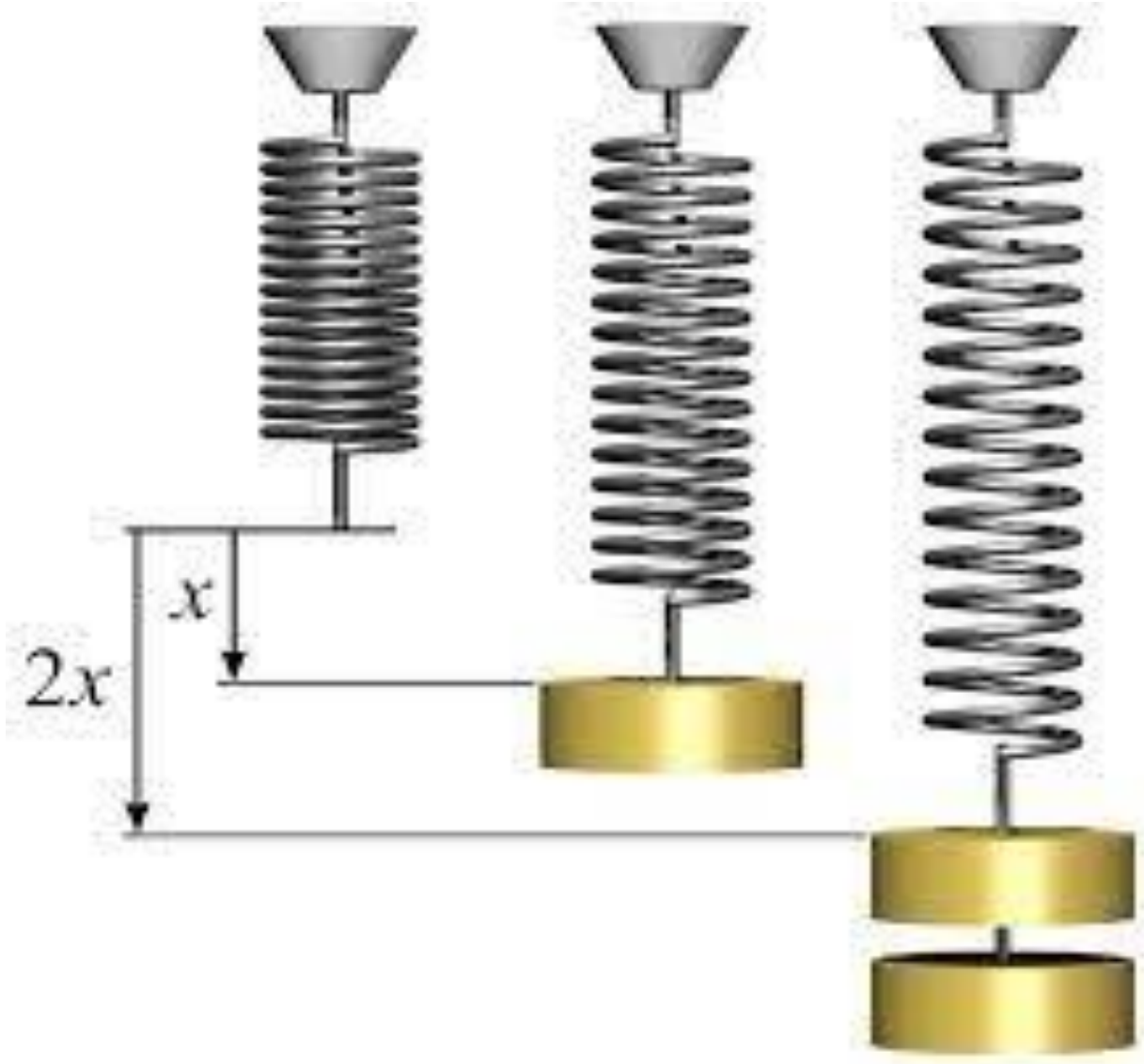


Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses

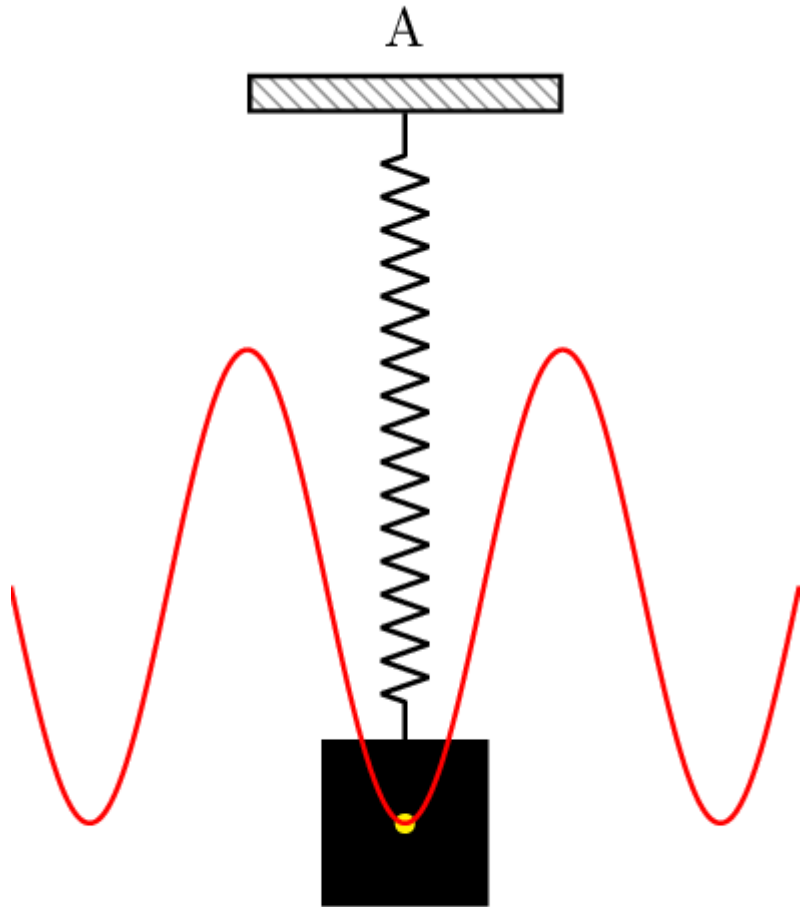
Adda247



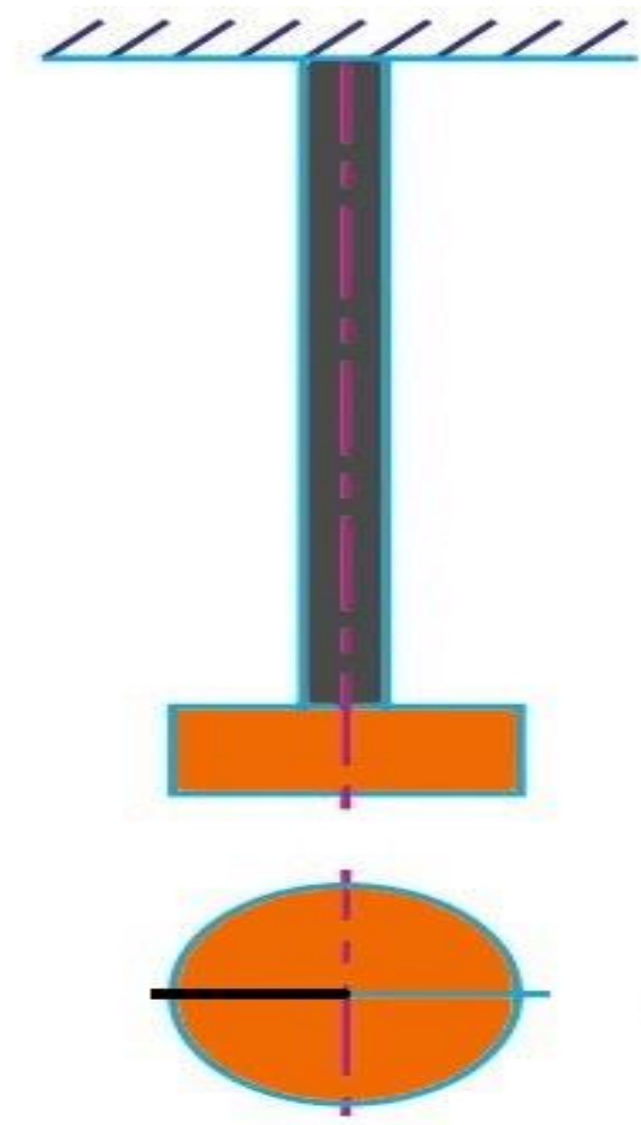
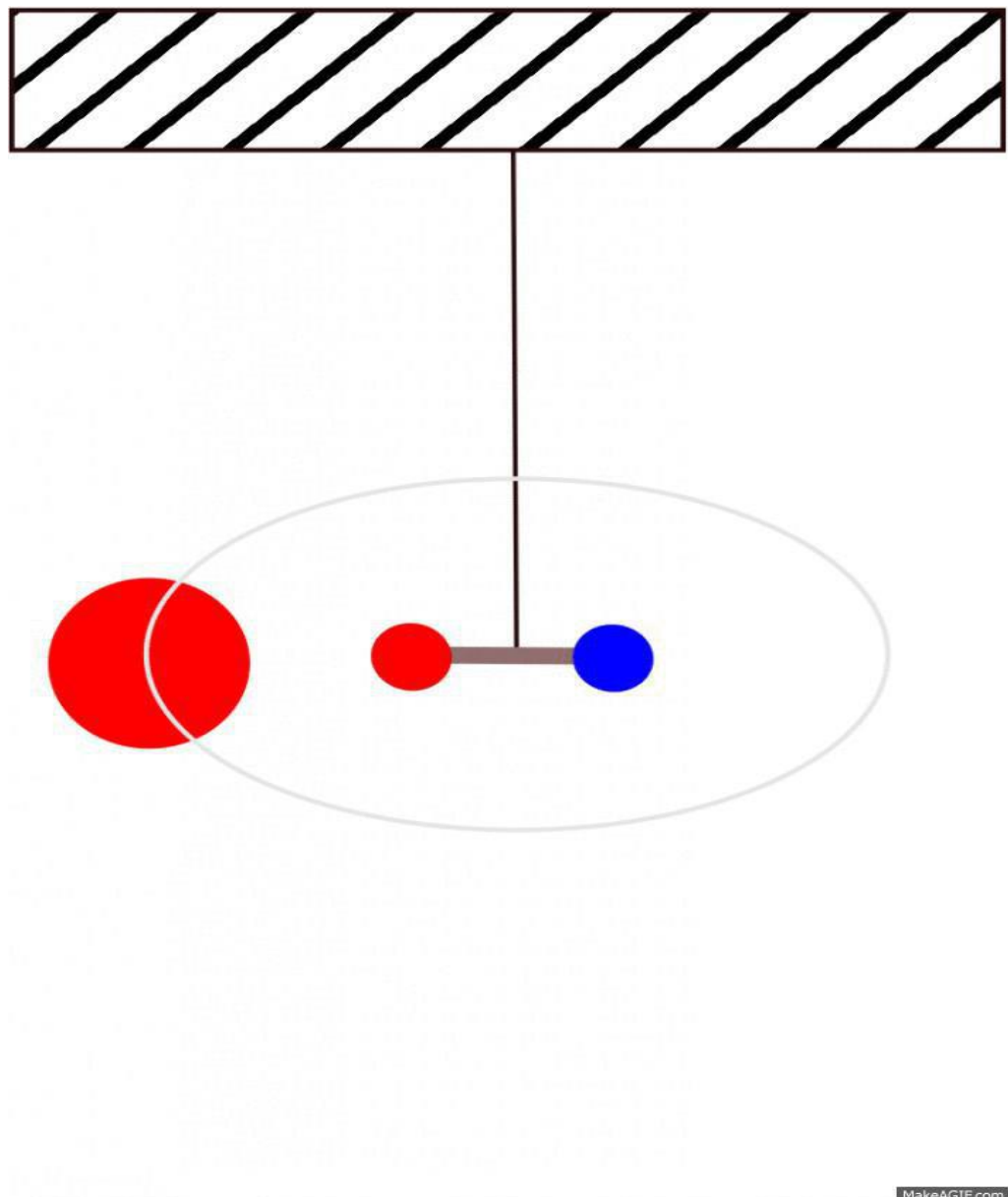
Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



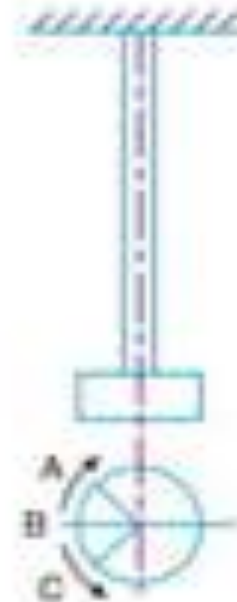
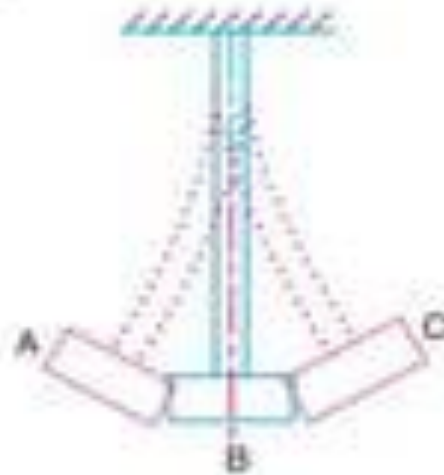
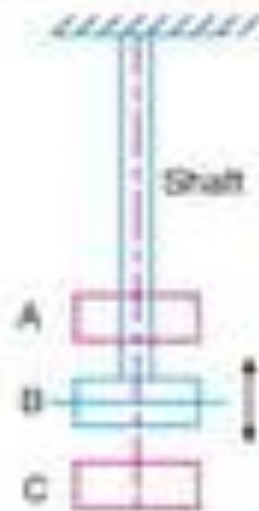
Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Types of Free Vibrations

According to the motion of system with respect to axis

1. Longitudinal vibrations,
2. Transverse vibrations, and
3. Torsional vibrations,

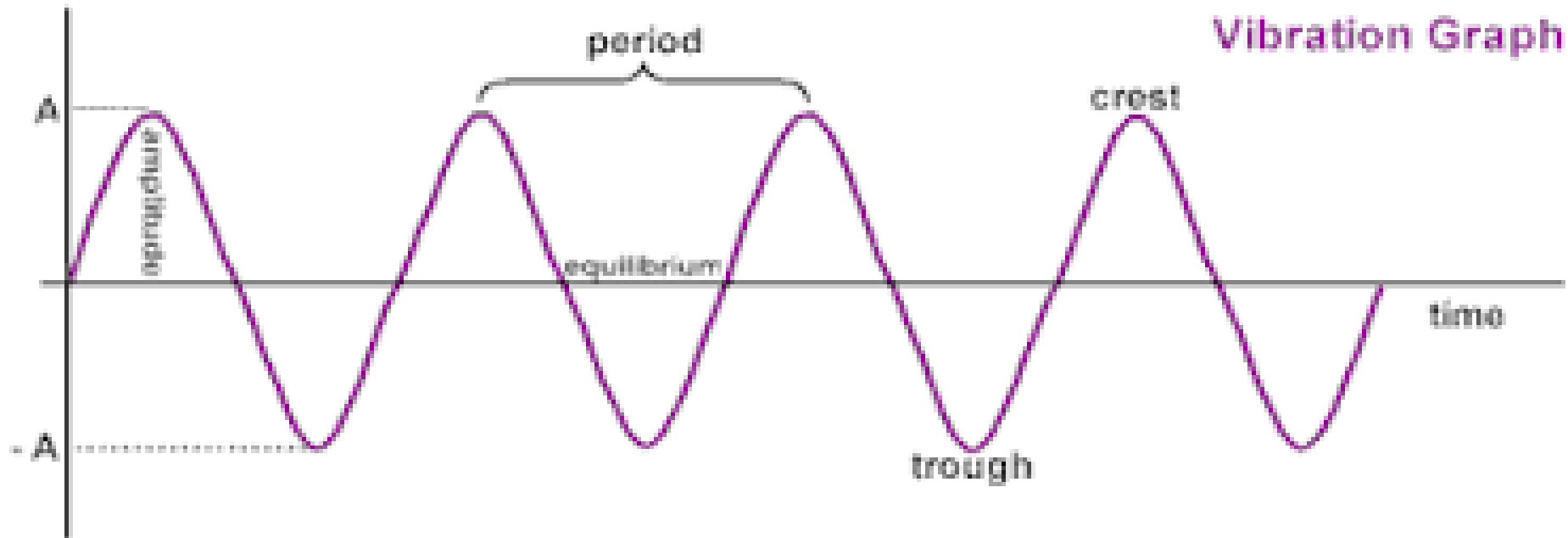


Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses

Adda247



Periodic Vibration :- Vibrations that are regular and predictable- like pendulums- are called periodic. Periodic vibrations are at the heart of music, human speech and almost any other sound where humans perceive pitch. Frequency is the measure of how often cycles repeat- the number of cycles in a given amount of time.



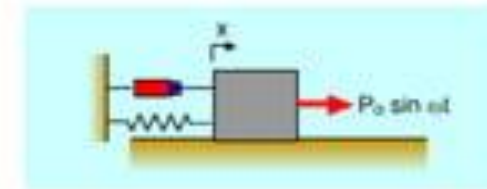
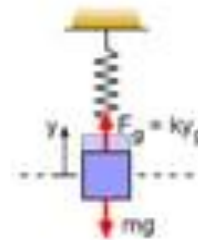
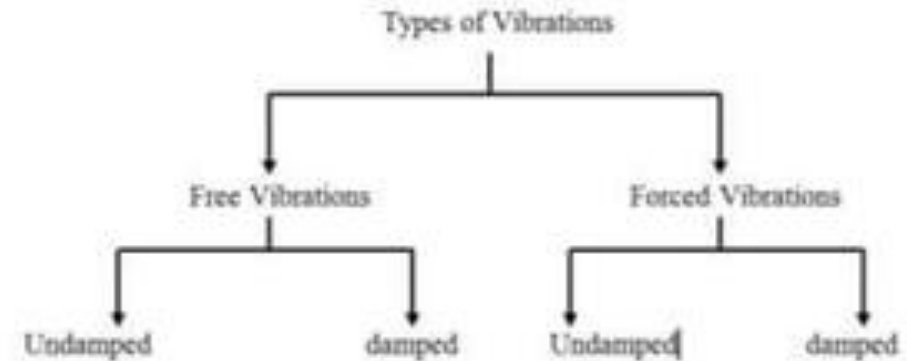
Vibrations

- **Free Vibrations** : Vibrations that occur in the absence of friction and external forces after initial release of body.

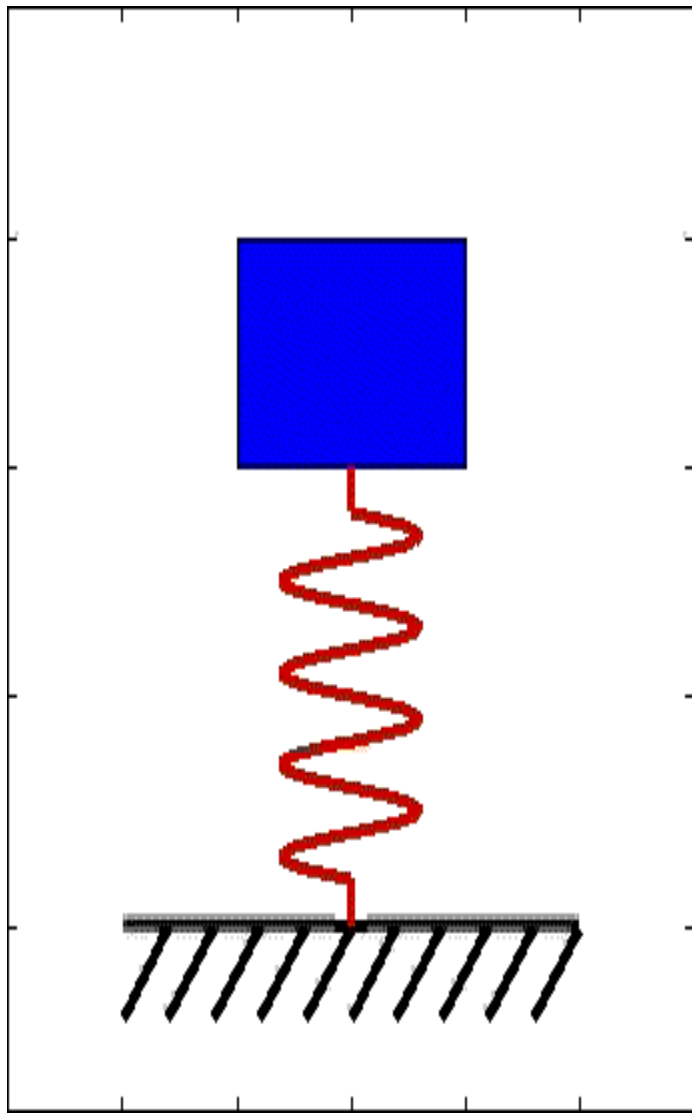
Eg: Simple Pendulum

- **Forced Vibrations** : When repeated force continuously acts on the system the vibrations are said to be forced vibrations.

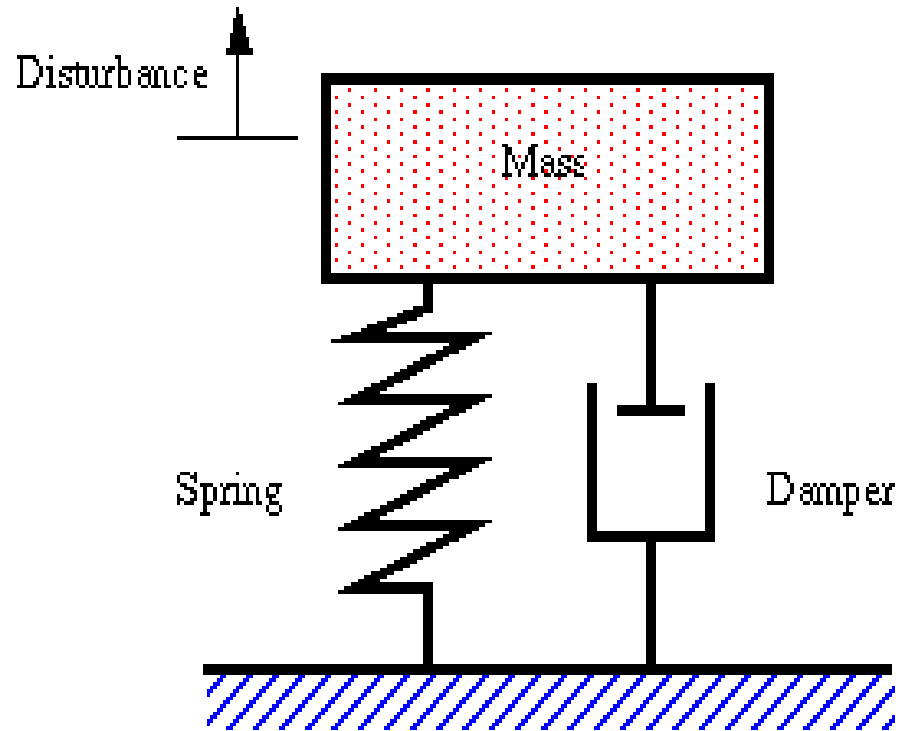
Eg: Pendulum in a Clock



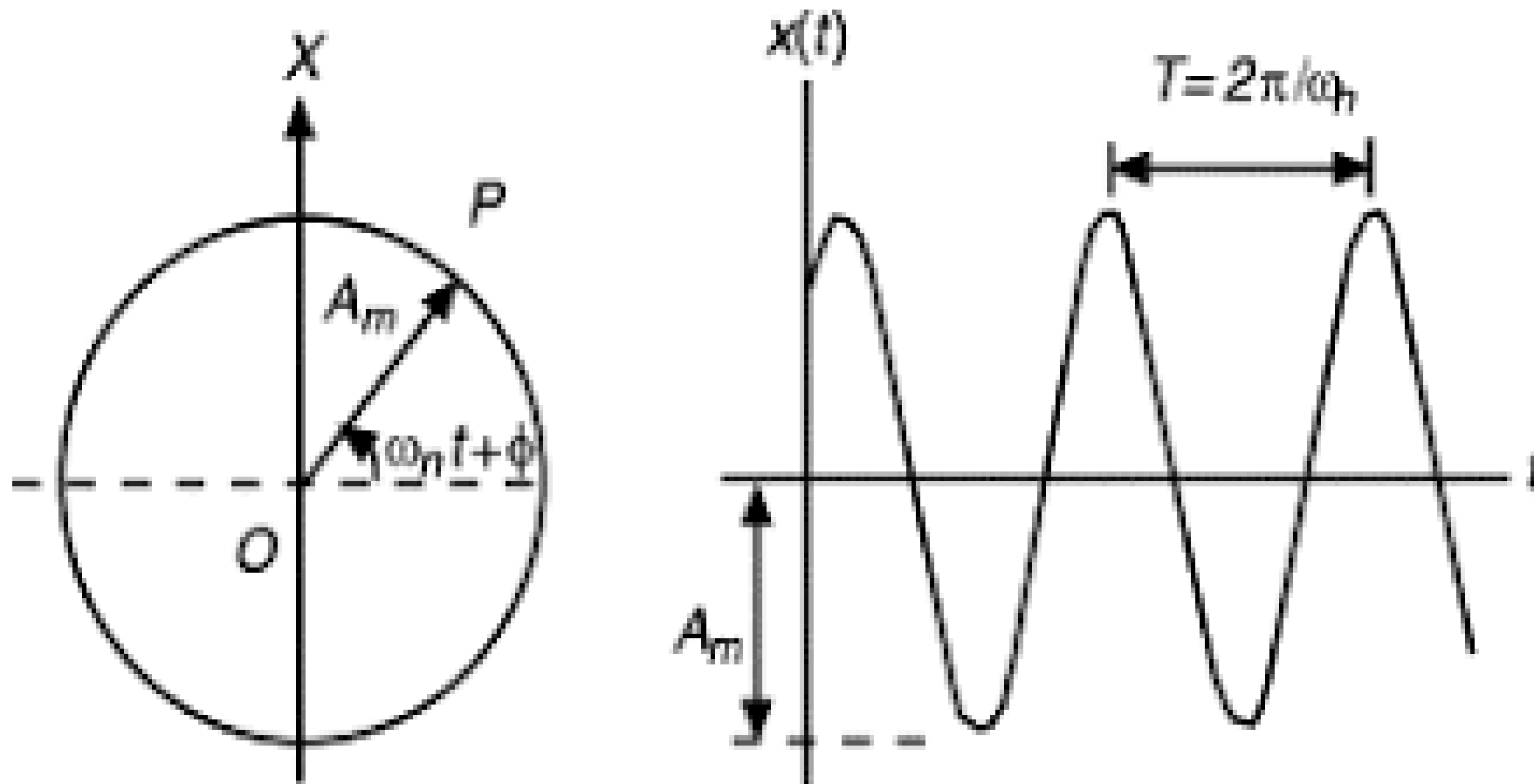
Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Record
Breaking
Selections

by Adda247



Celebrating Milestones

Buy 1 Year Validity,
Get 2nd year **FREEE!!!**

2 Years Validity +

Flat **77%** Off on All GATE
Live Batches

USE CODE

BUY NOW ON **ADDA247 APP**

Offer Ending Soon

AARAMBH



MECHANICAL ENGINEERING

GATE 2024

1600 HRS LIVE AND RECORDED CLASSES

START DATE-13FEB

TIME- 8:30PM- 10:30PM

GET

77%

DISCOUNT



USE CODE



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses



Mukesh Sharma Sir -- (Use code Y680) to get 77% off on all courses

