



## PHYSICS

# BOOKS - NAVNEET PHYSICS (MARATHI ENGLISH)

## MOTION AND TYPES OF MOTION

### Question Bank

1. Compare the motion do soldiers on parade and a girl coming down a slide.



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2. What kind of movement does a swing in a park show?



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3. While chasing a butterfly in a garden, do you run along a definite path or in the same direction all the time?



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#### 4. Fill in the blanks

If a ball released from terrace of a building. It comes down in \_\_\_\_\_ motion.



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#### 5. Fill in the blanks

The motion of an aeroplane on the runway before takeoff is \_\_\_\_\_.



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## 6. Fill in the blanks

The kite looking for its pretty flies with \_\_\_\_\_ motion in the sky.



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## 7. Fill in the blanks

Children sitting in a rotating giant wheel have \_\_\_\_\_ motion while those sitting in a merry go round have a \_\_\_\_\_ motion.



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**8. Identify the types of motion:**

Movement of the earth around the sun.



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**9. Identify the types of motion:**

Movement of a ceiling fan.



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**10.** Identify the types of motion:

A meteor falling from the sky



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**11.** Identify the types of motion:

A rocket launched from the ground



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**12.** Identify the types of motion:

A fish swimming in water.



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**13.** Identify the types of motion:

The plucked string of a sitar



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## 14. How are we different?

Oscillatory motion and linear motion



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## 15. How are we different?

Linear motion and random motion



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## 16. How are we different?

Random motion and oscillatory motion



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17. Explain in your own words giving one example each:

Linear motion



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**18.** Explain in your own words giving one example each:

oscillatory motion



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**19.** Explain in your own words giving one example each:

circular motion



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20. Explain in your own words giving one example each:

Random motion



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21. Explain in your own words giving one example each:

periodic motion



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**22.** Answer the following questions in your words:

Which types of motion are seen in birds flying in the sky?



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**23.** Answer the following questions in your words:

Write in detail about your experience of various types of motion while riding a bicycle on a road.



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**24.** Answer the following questions in your words:

What is a speed? which formula is used for finding out speed? what is the unit of speed?



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**25.** Answer the following questions in your words:

A bus covers a distance of about two hundred

kilometers from solapur to pune in five hours.

How much distance does the bus cover in one

hour?



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**26.** Use your brain power!

in which musical instruments can you see

oscillatory motion?



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**27.** Answers the following questions orally:

Tell the types of motion.



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**28.** Answers the following questions orally:

Which kind of motion is shown by a crawling baby?



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**29.** Answers the following questions orally:

Which kind of motion is shown by an aeroplane that is landing on the runway?



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**30.** Answers the following questions orally:

Give the example of circular motion.



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