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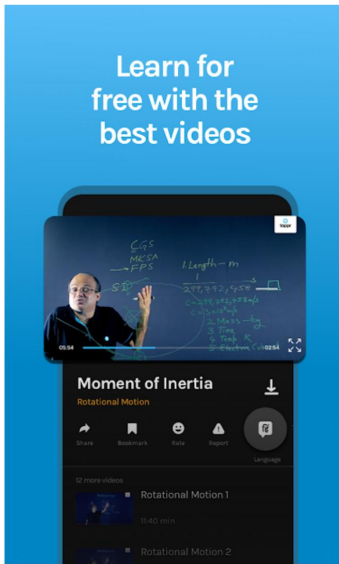
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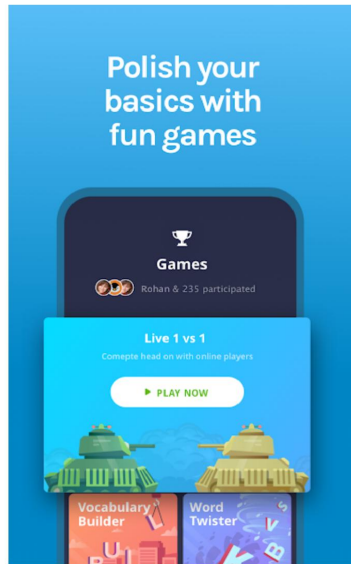


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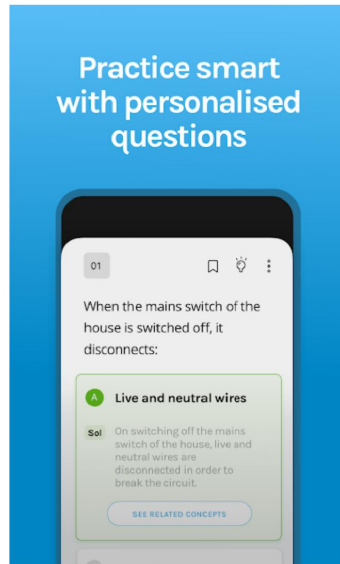
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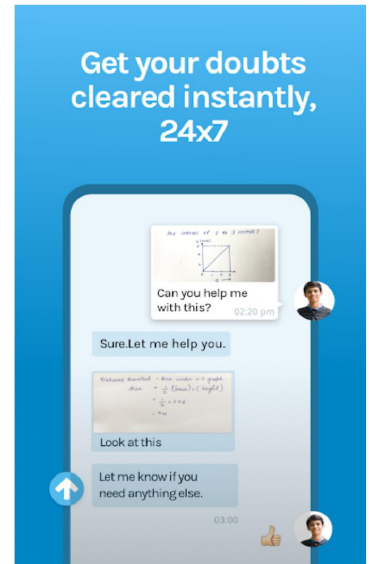
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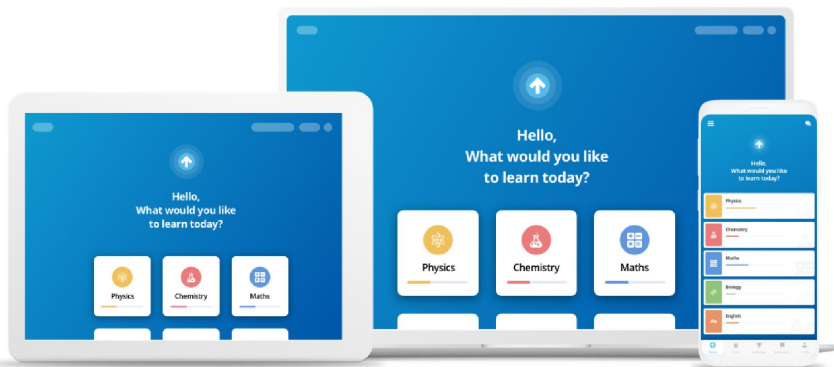
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## **NCERT Solutions for Class 7 Subject-wise**

- [Class 7 English](#)
- [Class 7 Maths](#)
- [Class 7 Science](#)
- [Class 7 Social Science – History](#)
- [Class 7 Social Science – Geography](#)
- [Class 7 General Knowledge](#)

**Q.1. Very short answer type question.**

**How are the tides caused?**

**SOLUTION**

The strong gravitational pull exerted by the sun and the moon on the earth's surface causes tides.

High and low tides are caused by the moon. The moon's gravitational pull generates something called the tidal force. The tidal force causes Earth—and its water—to bulge out on the side closest to the moon and the side farthest from the moon. These bulges of water are high tides.

**Q.2. Very short answer type question.**

**Name one warm current and one cold current.**

**SOLUTION**

Warm current - The Gulf Stream

Cold current - The Labrador Ocean current.

Those currents that flow from the Equator towards the poles are warmer than the surrounding water and so they are called warm currents. The ocean currents that flow from the polar areas towards the Equator are cooler compared to the surrounding water, so they are called cold currents.

**Q.3. Very Short Answer type Question.**

**Write some natural calamities.**

**SOLUTION**

Earthquakes, floods, cyclone, drought, etc.

**Q.4. Very Short Answer Type Questions:**

**What makes the water of lakes and rivers unsuitable for human use?**

**SOLUTION**

Discharge of waste material into lakes and rivers makes the water unsuitable for human use.

**Q.5. Answer the following questions briefly.  
Why is the earth called the 'blue planet'?**

**SOLUTION**

More than 71% of the earth is covered with water. Hence, it is known as the 'blue planet'.

**Q.6. Fill in the blanks with appropriate words to complete each sentence:  
The hydrosphere comprises water in the form of \_\_\_\_\_, water and \_\_\_\_\_.**

**SOLUTION**

The hydrosphere comprises water in the form of Ice, water and Water vapour.

**Q.7. Very short answer type question.  
What happens during low tide?**

**SOLUTION**

During low tide water falls to its lowest level and recedes from the shore. Tides are caused by the gravity of both the moon and the sun "pulling" at the water in the sea. Because the Earth is constantly turning, the "pull" of gravity affects different places as each day goes on - so when the tide is "out" in your area, it is "in" somewhere else. But the water level at high tide changes too!

**Q.8. Very Short Answer Type Question.  
Name different types of water bodies.**

**SOLUTION**

Rivers, lakes, seas, oceans, etc.

**Q.9. Very Short Answer Type Questions:  
How much of the earth's water is found in the oceans?**

**SOLUTION**

More than 97 per cent of the earth's water is found in the ocean.

**Q.10. Very Short Answer Type Questions:**  
**Why is the ocean water not fit for human use?**

**SOLUTION**

It is because the ocean water is very salty.