

JINDAL VIDYA MANDIR, VINAYAKWADI.

CHRISTMAS PRACTICE WORK

CLASS: VI

DATE: 24.12.2017

READ THE LESSON, UNDERSTAND IT AND THEN ANSWER THE FOLLOWING QUESTIONS.

1. List the conditions required for electricity to flow.
2. Explain why electricity is dangerous though useful.
3. Draw diagrams of opened and closed circuits neatly and label the components.
4. What are conductors and insulators? Give two examples of each. Explain why they are called so.
5. Write features of birds to which help them to fly and fish to swim.

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CHRISTMAS PRACTICE WORK

CLASS: VIII

DATE: 24.12.2017

READ THE LESSON, UNDERSTAND IT AND THEN ANSWER THE FOLLOWING QUESTIONS.

1. Draw a neat labelled diagram of eye. Which are the two major defects of eye? Explain them and also write how you correct them.
2. List the effects of drug abuse in 4-5 points.
3. What are the laws of reflection? Relate laws with angle of reflection.
4. Draw a neat labelled diagram of ovulation.
5. List the consequence of over extraction of fossil fuels. Explain one among them with 4-5 points.

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CLASS: VIII

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CHRISTMAS PRACTICE WORK

CLASS: IX

DATE: 24.12.2017

READ THE LESSON, UNDERSTAND IT AND THEN ANSWER THE FOLLOWING QUESTIONS.

1. Prove as height of the object above ground increases its potential energy increases.
2. Find P.E. of the object if its mass is 8kg, velocity 40 m/s and $g = 10\text{m/s}^2$
3. Explain energy changes when we put on an electrical bulb. Calculate the work done to stop a machine whose speed of rotation is 108km/hr.
4. List out postulates of Bohr's and Dalton's atomic models. Show schematic diagram of electron distribution in phosphorus.
5. Distinguish between isotopes and isobars. Write two uses of isotopes.

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CHRISTMAS PRACTICE WORK

CLASS: IX

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1. Prove as height of the object above ground increases its potential energy increases.
2. Find P.E. of the object if its mass is 8kg , velocity 40 m/s and $g = 10\text{m/s}^2$
3. Explain energy changes when we put on an electrical bulb. Calculate the work done to stop a machine whose speed of rotation is 108km/hr.
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CHRISTMAS PRACTICE WORK

CLASS: X

DATE: 24.12.2017

READ THE LESSON, UNDERSTAND IT AND THEN ANSWER THE FOLLOWING QUESTIONS.

- 1. Name the rule applicable to find out the direction of magnetic field when current flows in a straight line conductor.**
- 2. Write an activity to explain magnetic field around a straight current carrying conductor.**
- 3. If the power of a lens is -2.5 D , what is the name of defect it is used for? Name the type of lens.**
- 4. Find focal length of above lens. Draw a neat labelled diagram to show the defect and correction.**
- 5. What are the consequence of under production and over production of growth hormone on our body in the brain?**

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CHRISTMAS PRACTICE WORK

CLASS: X

DATE: 24.12.2017

READ THE LESSON, UNDERSTAND IT AND THEN ANSWER THE FOLLOWING QUESTIONS.

- 1. Name the rule applicable to find out the direction of magnetic field when current flows in a straight line conductor.**
- 2. Write an activity to explain magnetic field around a straight current carrying conductor.**
- 3. If the power of a lens is -2.5 D , what is the name of defect it is used for? Name the type of lens.**
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- 5. What are the consequence of under production and over production of growth hormone on our body in the brain?**