

I STD

II Term – Lesson:3 Kavitha's Family

1. In Which family have more number of Family members?

- A) Small Family B) Separated Family C) Joint Family D) Broken Family

2. How do you call the Siblings of your Mother?

- A) Elder Brother, Younger Brother B) Elder Sister, Younger Sister
C) Mother's Younger Sister, Mother's Elder Sister D) Aunt, Uncle

3. Those who present in Hospital

- A) Conductor B) Policeman C) Postman D) Doctor

4. What work he does?



- A) Tailoring B) Making pots C) Ploughing D) Water Pumping

4. Whose dress is this?



- A) Grandpa B) Grandma C) Brother D) Father

1. On the given items, which is the low weight material.
 - (a) book
 - (b) pencil
 - (c) eraser (rubber)
 - (d) pen

2. On the given items, which has the liquid status .
 - (a) water
 - (b) book
 - (c) stone
 - (d) balloon

3. Encircle the status of liquid.
 - (a) liquid has no flowing capacity
 - (b) liquid has definite shape.
 - (c) liquid has weight
 - (d) liquid does not change when it has pressure

4. Encircle the odd man.
 - (a) fruit juice
 - (b) chocolate
 - (c) sweet
 - (d) Iddili

5. Which is not good for health through playing?
 - (a) It regulates blood circulation.
 - (b) It minimizes vitality.
 - (c) It passes swet properly.
 - (d) It activate brain paver.

1. Rice, Husk, Bran are obtained from which of the following food grains.

- a) Wheat
- b) Barley
- c) Paddy
- d) Maize

2. Substance used in plating golden ornaments

- a) Bran
- b) Husk
- c) Coconut fibre
- d) Charcoal

3. The brick that is light and prevents heat is

- a) Sand, Husk
- b) Husk, Cement
- c) Gravel, Cement
- d) Sand, Cement

4. Which plant is recommended by the government for growing

- a) Betel Tree
- b) Coconut Tree
- c) Palm Tree
- d) Bamboo Tree

5. The plastic bag bought by Kala contains the Symbol



What does it represent?

- a) Reduce, Reuse and Recycle
- b) Reduce, Recycle and Reuse
- c) Reuse, Recycle, Reduce
- d) Do not use the plastic bags which are made of less than 40 microns

- 1 Substance that exists naturally in all three states of matter is
 - a) stone
 - b) water
 - c) air
 - d) ground nut oil.

- 2 Which property of water is responsible for the river that originates in mountain, travels through plains and reaches the sea ?
 - a) water pressure
 - b) fluidity of water
 - c) definite volume of water
 - d) definite shape of water

- 3 The houses that get more damaged while movable natural disasters like tsunami and earth quake occur are
 - a) Snow houses (igloos)
 - b) Bamboo houses
 - c) Tents
 - d) Caves.

- 4 Igloos donot melt because the temperature of arctic region is less than -46°C throughout the year. Then how do Eskimos live at -46°C ?
 - a) Temperature inside the snow houses (igloos) is also -46°C
 - b) Tortoise like structure and infrastructure of snow houses (igloos) maintain the correct temperature.
 - c) Eskimos maintain the temperature by lighting fire.
 - d) Igloos are built with windows and ventilators.

- 5 Ramu saw a scene of a multistorey apartment collapsing, while watching TV. He asked the reason for this to his father. what would be the reply by his father ?
 - a) The basement and pillars of multistorey apartment are strong
 - b) The basement and pillars of multistorey apartment are not strong.
 - c) Multistorey apartment are built with modern technology.
 - d) More number of steel bars are used in the construction of multistorey apartment

- 6 Your house is not provided with drainage facility. What will you do?
 - a) will allow the waste water to stagnate.
 - b) will pour the waste water in the streets.
 - c) will link the waste water with neighbour's one.
 - d) will grow canna indica (Kalvazhai) plant in the passage of waste water.

Work Sheet 4

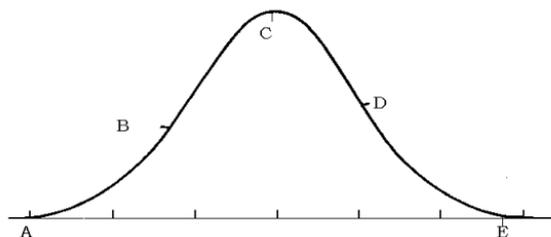
VI Std

IInd Term

Science**CCE W.S-VI. 4**

Lesson: 3 Kinds of Energy (C)

1. Which of the following is needed to do work?
a) Force b) Energy c) Speed d) Gravity
2. I am needed to change the state of motion, and the state of rest, who am I?
a) Potential energy b) Kinetic energy c) Mechanical energy d) Hydal energy
3. In the given diagram where does the potential energy exist?

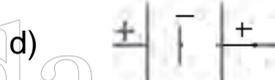
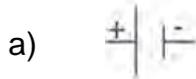


- a) At point A b) At point B c) At point A & E d) At point C
4. What is the reason for hotness of the dress after ironing it using electric iron box?
a) Potential energy b) heat energy c) Frictional energy d) Kinetic energy
 5. Pick the odd one
a) Glowing bulb b) Falling stone c) Running horse d) Electric bulb
 6. What is the reason for product of less kinetic energy when a bird flies?
a) Its mass is less b) Its velocity is more
c) Its mass and velocity is more d) Its mass and velocity is less
 7. When heavy cricket ball and low mass tennis ball both hit with same velocity, you are wounded by heavy cricket ball why?
a) cricket ball is bigger than tennis ball
b) kinetic energy is less when mass increases
c) kinetic energy is increased when mass increases
d) only cricket ball possess kinetic energy
 8. Which activity possess kinetic energy?
a) Man standing with bucket b) Sleeping baby c) Electric bulb d) Falling apple
 9. We enjoy the lights sound from bursting crackers. During bursting of crackers which energy is converted into sound and lights energy.
a) Chemical b) Heat c) Potential d) Kinetic
 10. Statement : In electric stove electric energy is converted into heat energy.
Reason : Energy can neither be created nor destroyed. But it can be transformed from one form to another.
a) Statement is correct, reason is wrong
b) Statement, reason both are correct
c) Statement is wrong, reason is correct
d) Statement & reason both are wrong

- 1) Identify which one is correct
 - a) Atomic power station - Mettur
 - b) Thermal power station - Coal
 - c) Hydro-electric power station - Tuticorin
 - d) Wind mills- Kalpakkam

A) a and c B) b is correct, C) c is correct, D) a and d is correct
B)
- 2) In a closed circuit what is the role of connecting wires?
 - a) To produce electricity
 - b) Conducting electricity
 - c) Using electrical energy
 - d) Conducts when it is needed (or) stopped.
- 3) The reason for not using the same cell for a long time in a clock is
 - a) having secondary cell
 - b) having primary cell
 - c) having alkaline cell
 - d) having solar cell

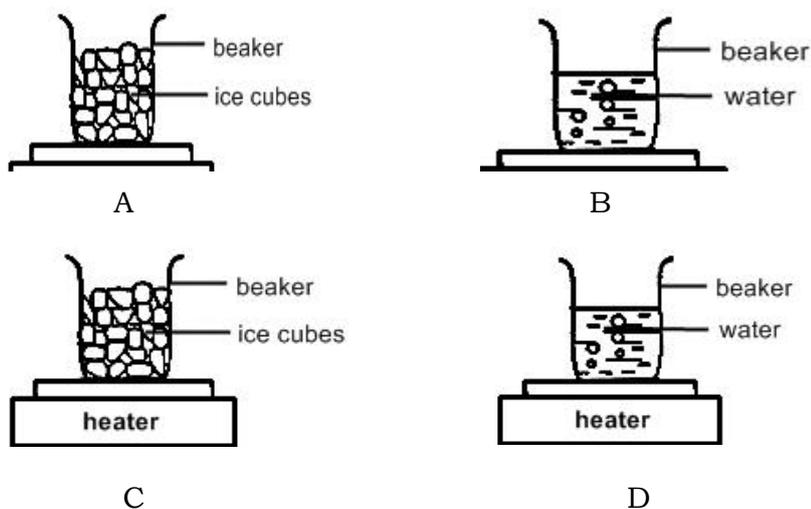
- 4) Which symbol of the cell is correct?



- 5) In Ramu's house the fuse wire gets cut of due to high voltage and power off. On the basis of which principal the fuse wire works.
 - a) Conduction of heat
 - b) flow of electric current
 - c) Conventional heat
 - d) heating effect of electric current
- 6) If we use lemon as a battery to take electric current, the lime juice acts as
 - a) anode
 - b) electrolyte
 - c) Cathode
 - d) electric conducting substance
- 7) What are the electrodes used in electrical appliances like Electric fan and Television
 - a) anode, anode,
 - b) anode, cathode,
 - 3) cathode, cathode,
 - d) anode cathode anode
- 8) In an electric the copper wire is wound around in an Iron nail, it acts as
 - a) a electromagnet
 - b) it loses its attracting magnetic force
 - c) the electric current does not flow inside
 - d) the iron nail bends due to flow of electric current.
- 9) What happens when a bar magnet kept near a magnetic compass.
 - a) there is no change in the magnetic needle
 - b) magnetic needle deflects from its position
 - c) magnetic needle loses its magnetic property
- 10) Which appliance work using batteries?
 - a) Fridge,
 - b) Cell phone,
 - c) Electric fan,
 - d) Microwave Oven

EIGHTH STD SECOND TERM - HEAT AND ELECTRICITY (C)

- Reason for adding crushed ice in a fruit juice is
 - To reduce boiling point
 - To increase evaporation
 - To increase melting
 - To improve the taste
- Reason for feeling the hotness while walking on a hot sun
 - Thermal Conduction
 - Thermal Convection
 - Thermal Radiation
 - Gases become hot
- Which of the following changes the state rapidly

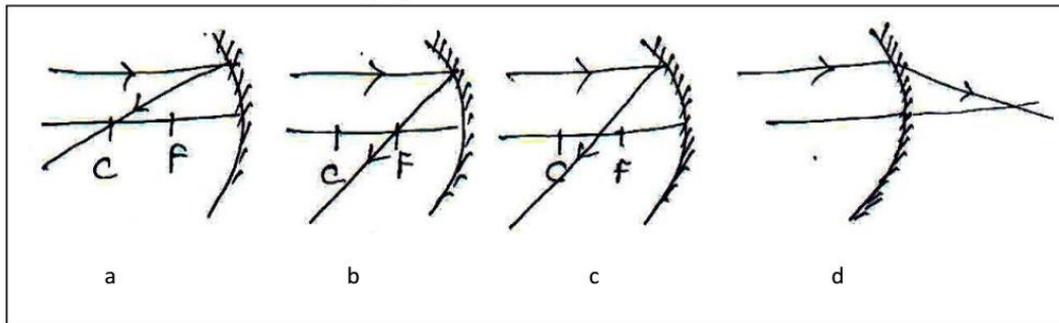


- A only
 - B only
 - A,B,C at the same rate
 - D only
- Reason for leaving a small gap between the rails is
 - Objects shrink due to heat
 - Objects are damaged due to heat
 - Objects expand due to heat
 - Objects expand in winter
 - Rahul's house contains more number of electric bulbs. After coming from the school he has noticed that lights did not glow in the study room and the nearby balcony. Electric bulbs are under repair is the reason. Then what is the type of electric circuit used in his house?
 - Parallel circuit
 - Series circuit
 - Closed series circuit
 - Continuous circuit
 - In rainy season during lightning and thunder, why do we see the light first?
 - Speed of Air is high
 - Humidity in air
 - Speed of light is higher than that of sound
 - Speed of sound is low
 - Reason for attracting the hair by the balloon rubbed in a rug, when brought near our head is
 - Magnetic force
 - Static electric force
 - Frictional force
 - Molecular force
 - Why does cool breeze blow along the beach during day time?
 - wind blows from sea to land
 - wind blows from land to sea
 - due to blow of hot air
 - due to blow of land breeze
 - Which of the following is incorrect in a lightning and thunder incident?
 - Sitting inside the bus during travelling
 - Sit on your knees by keeping the head as low as possible in an open space
 - Stand below tree
 - Do not fly kites
 - A - Assertion :- Should not touch water heated in water heater before disconnecting from the mains
R- Reason :- Water is an electric conductor.
 - A Correct R Wrong
 - A Wrong R Correct
 - A and R are Correct
 - A and R are Wrong

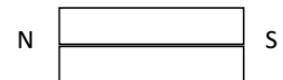
1. When Raju went inside a cave and made sound, didn't heard his echo this is because _____
 - a) low frequency
 - b) Time interval between sound and reflection is less than 0.1 second
 - c) Time interval between sound and reflection is greater than 0.1 second
 - d) There is no medium for reflection inside the cave
2. There is a dog, cat, rabbit and a man sitting in a park. There was a strong wind which made the tree is broken down with the sound of 900 Hz (frequency) . Everyone turned towards it except _____
 - a) Rabbit
 - b) Man
 - c) Dog
 - d) Cat
3. The ripples formed, when a stone is thrown in a pond
 - a) Transverse waves
 - b) Longitudinal waves
 - c) Electro magnetic waves
 - d) None of the above
4. A captain wanted to safeguard his ship from not hitting an iceberg. He wanted to use a sonar device. The time interval between the produced and absorbed pulse is 6 seconds, then what is the distance between the ship and the iceberg _____
(Note: the velocity of sound in water is approximately 1440 m/s)
 - a) 2160 m/s
 - b) 4160 m/s
 - c) 2320 m/s
 - d) 4320 m/s
5. From the following position of a person, who will detect the arrival of the train first. the distance of the train be 500 metre _____
 - a) A man standing along the track of the train
 - b) A man who is standing on the platform
 - c) A man who is standing on the bridge
 - d) A man who is standing on the first floor and getting ticket
5. A sound wave travels 680 m in 2 seconds. What is the velocity of the sound in a solid substance approximately _____
 - a) 1700 m/s
 - b) 2000 m/s
 - c) 500 m/s
 - d) 600 m/s
7. Robert was calling Raju and running towards him. Raju is able to hear the voice of Robert clearly when he hears him, this is because _____
 - a) No change in the wave length
 - b) No change in the frequency
 - c) Increase in frequency
 - d) Decrease in frequency
8. Which one doesn't apply to the transverse waves _____
 - a) travels on the surface of solids and liquids
 - b) the wave travels in the form crests and trough
 - c) spreads through the solids, liquids and gases.
 - d) particles of the medium vibrate perpendicular to the direction of the waves
9. Persistence of sound in its line is caused by multiple reflection is called as _____
 - a) Rang of hearing
 - b) Reverberation
 - c) Echo
 - d) Sonar
10. When a bell is rang inside a evacuated glass jar we will not be able to hear the sound, this is because _____
 - a) there is no air
 - b) there is no movement of the particles hence no sound waves produced
 - c) there is no vibration of particles hence no sound waves formed
 - d) There is no particles for the formation of sound waves

X Std IInd Term Lesson: Magnetic Effect of Electricity, Light

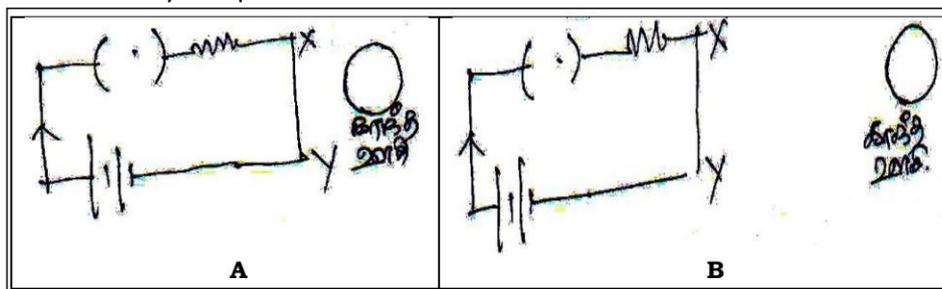
- The Focal length of the concave lens of a spectacle of a student who is in the final year of the school is 2 meters. When she is in the final year of her college it is 4 meters. So the power has
 - Increased
 - decreased
 - No change
 - Totally reduced
- An insect trying to escape from being a prey of a lizard happened to be in front of a concave mirror. What is the position of the insect if the image is inverted and very large and frightening?
 - Beyond C
 - At C
 - Between C and F
 - Infinity
- A person is recommended to use the lens with a power 3.0 D to rectify his eye defect. He suffers from
 - Myopia
 - Hypermetropia
 - Decrease in the accommodative power of the eye
 - Squint Eye
- Choose which of the following figures are correct



- Figure a
 - Figure b
 - Figure c
 - Figure d
- The torch light and the front light of the vehicle mirror and bulbs are used. Which of the statement is correct?
 - Parallel rays are obtained because the bulb is in the principle focus of the concave mirror
 - Parallel rays are obtained because of the bulb is in the principle focus of the convex mirror
 - Converging rays are obtained because of the bulb is in the principle focus of the Concave mirror
 - Diverging rays are obtained because of the bulb is in the principle focus of the convex mirror
 - The flat situated nearer to a road has a big spherical mirror. Choose the type of mirror and the reason from the following statement.
 - Convex mirror the Field view is larger, it forms diminished erect full image
 - Concave mirror as the field view is larger, it forms diminished erect full image
 - Convex mirror the Field view is larger, it forms enlarged erect image
 - Concave mirror as the field view is larger, it forms enlarged erect image
 - The straight line shown in the figure of the magnet shows the property
 - Magnetic line N S
 - Magnetic line S N
 - Electromagnetic line N S
 - Electromagnetic line S N



- In The given diagram of the electrical circuit the position of the magnetic needle is changed but the flow of the electricity is kept constant.



- The deflection of the magnetic needle is minimum in A than in B because of the distance being increased
 - The deflection of the magnetic needle is minimum in B than in A because of the distance being increased
 - The deflection of the magnetic needle remains equal both in A and B
 - The distance causes no change
- The device in which split rings are used is
 - Generator AC
 - Generator DC
 - Electric Motor
 - Galvano Meter
 - The principle used in the generation of electricity is
 - Electromagnetic induction
 - Induction
 - Electro magnet
 - Fleming left hand rule