



### Model Exams Primary. 6 final revision

#### Model exam (1)

##### 1) choose the correct answer:

1) The two lungs expel .....outside the body.

- a. water and urea    b. oxygen    c. carbon dioxide    d. proteins and blood cells

2) .....is the area around the magnet at which the magnetism can be observed.

- a. magnetic force    b. magnetic field    c. magnetic material    d. Non magnetic material

3) magnets are used by generators and .....to produce .....

- a. turbines & sound.    b. light & sound.    c. electricity and sound .    d. turbines & electricity.

4) in a .....circuit all components are connected in one loop

- a. open parallel    b. open series    c. closed parallel.    d. closed series.

5) 1. The mercury is a liquid molecule consists of .....atom\s

- a. one    b. two    c. three    d. four

6- objects with low thermal energy has .....kinetic energy

- a. high.    b. medium    c. low    d. constant

##### 2) a ) Complete the following :

1) similar magnetic poles ..... each other while different magnetic poles ..... each other

2 ).....material is a nonmagnetic material.

3) When the switch is....., the lamp in circuit will put off .

4) materials such as..... and..... ..... don't allow electrons to flow through.

##### b) What happens in the following case?

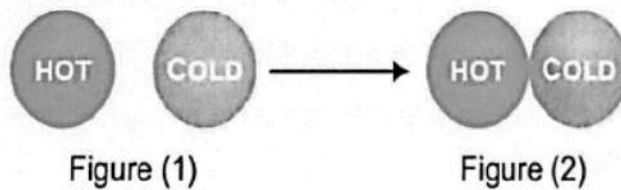
1 The blood pass through the two kidneys during its circulation inside the human body.

2-the speed of the moving object when it is affected by friction force



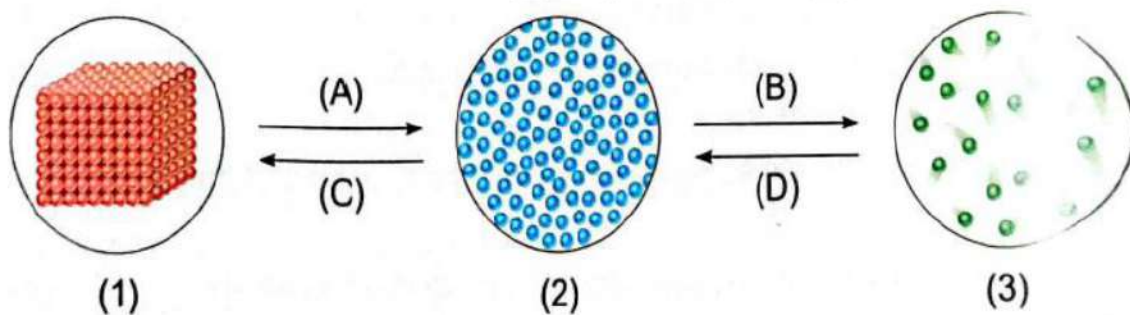


3)A) look at the following fig. then answer



- 1- heat transfers from .....object to .....object
- 2- molecules of hot object move .....than cold object

B) look at the following fig. then answer



- 1- the process ( A ) is called .....
- 2- the process ( D ) is called .....
- 3- The kinetic energy of the molecules in fig (3) .....than kinetic energy of the molecules in fig. (1)



### Model Exams Primary. 6 final revision

#### Model exam (2)

#### **1) choose the correct answer :**

- 1) The two kidneys remove waste materials.....and expel them in the form as of urine.  
a. water and urea    b. urea and blood cells    c. water and proteins    d. proteins and blood cells
- 2) Engineers design special devices to work instead of ..... organ which filter the blood from wastes  
a. stomach    b. heart    c. kidney    d. lung
- 3) The systems of the human body get their needed energy from  
a. the Sun.    b. Water.    c. food.    d. carbon dioxide.
- 4) All the following are from the nutrients that the food contains, except.....  
a. Carbohydrates.    b. fats.    c. oxygen gas.    d. proteins.
- 5) 1. The molecule consists of very small particles called  
a. Cells.    b. Atoms.    c. mixtures.    d. compounds.
- 6- To make bridges we can use.....  
a. flexible fabric.    c. smart clothes.    b. Concrete.    d. glass.

#### **2) a) Complete the following :**

- 1) Magnetism is an attraction or .....force while gravity is .....force only.
- 2) .....material is a magnetic material.
- 3) When the switch is....., the circuit will be flows.
- 4) There are materials known as such as..... and..... that allow electrons to flow through.

#### **b) What happens in the following case?**

- 1 The blood does not pass through the two kidneys during its circulation inside the human body.  
.....
- 2-Bridges if expansion joints are not designed.  
.....
- 3-Increasing the time of contact between two objects with different temperatures.  
.....

اشترك في قناة مستر ساينس على اليوتيوب لتشاهد فيديوهات الشرح وقت نزولها





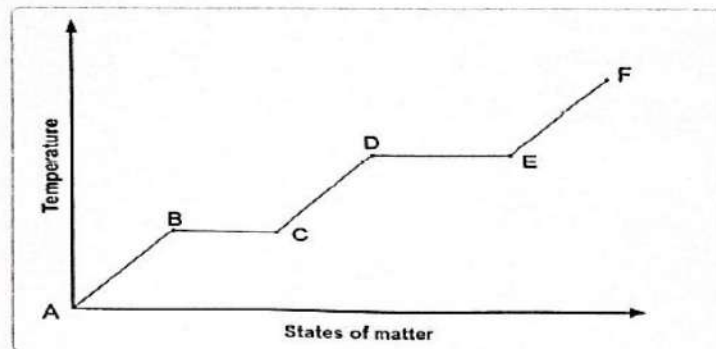
3)a- Put sign (√) or (x) in front of each of the following:

- 1- acid and enzymes which are secreted inside stomach lead to more breaking down of food( )
- 2- All materials allow electric current to flow through them. ( )
- 3- Saliva is a liquid which is secreted by endocrine system inside your mouth( )
- 4- Electric wires are coated with rubber or plastic to protect us from electric shock. ( )
- 5- Expansion and contraction are two similar processes. ( )
6. Every material is useful for all purposes. ( )

b- Classify the following materials into materials that will close the circuit and others will not close it? giving reason?:

(Iron nail - plastic spoon -Rubber -Metallic spoon - Piece of wood - Metallic key)

(4) Look at this diagram, then choose the correct answer:



1. Which state(s) of matter is (are) present at area (A-B)?  
a. Solid. b. Gas. c. Solid and gas. d. Liquid and gas.
2. Between which points the substance starts to change from liquid state into gas state?  
a. A-B b. B-C c. C-D d. D-E



### Model Exams Primary. 6 final revision

#### Model exam (3)

#### 1) Complete the following

- 1- When the switch is....., the electric current will stop flow.
- 2- .....Is the source of electricity in any electric circuit.
- 3- The electric wires are covered with.....as it is a ..... to flow electricity through it
4. When you sweat, waste leaves the body through pores in your .....

#### 2) Write the scientific term of each of the following:

- 1) The organ that is responsible for regulating the sugar level in blood. ( )
- 2) A hormone that controls the level of sugar in the human blood. ( )
- 3) . It is used to adjust the temperature inside some devices such as the refrigerator. ( )
- 4) The materials that the electric charges can flow through. ( )
- 5) It is the increase of the size of a substance due to increasing of its temperature. ( )
6. It is the state of matter that has a fixed shape and spaces between its molecules are very narrow. ( )
- 7) The way by which the heat is transferred through solids only. ( )
- 8) A material is made of a mixture of iron and other elements. ( )
- 9) The temp. at which matter change from solid state to liquid state . ( )
- 10) A form of energy that gained or lost by the matter to change its state. ( )

#### 3) Correct the underline word:

- 1) Cobalt is an example of nonmagnetic material
- 2) Battery is used to open and close the electric circuit
- 3) the two kidneys remove wastes materials from undigested food which come out in the form of sweat
- 4) Diabetes is one of the disorders of respiratory system





**4) from the figure**

1) what the name of this system

.....

2) what is the function of part (X)

.....

**5) Give reason for each of the following**

1. Electric wires are wrapped in plastic.

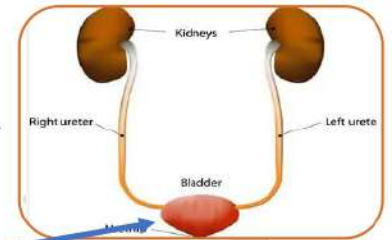
.....

2. Electric wires are made of copper.

.....

3- Ice melts when it is put in a hot cooking pan.

.....



X





## Model exam (4)



## 1) Choose the correct answer from each of the following:

- 1- The area around magnet in which magnetism can be observed  
a-magnetic field      b- magnetic substance      c- magnetic force      d-magnetic energy
- 2- the flow of electric charges along a closed path causes .....  
a-electric circuit      b- electric current      c- light energy      d-magnetism
- 3- .....An internal switch in fridge can be used to adjust temperature  
a-battery      b-light bulb      c- wall socket      d-thermostat
- 4- .....Is used to slow the flow of electric current  
a-battery      b-resistor      c- lamp      d-switch
- 5- The transformation of gas into liquid is called.....process.  
a. Melting      b. Evaporation      c. condensation      d. freezing
- 6-Matter.....it just changes from one state to another.  
a. neither be created nor destroyed  
b. can be created and destroyed  
c. can't be created but destroyed  
d. can be created but can't destroyed

## 2) Correct the underlined word:

- 1) copper, rubber are electric conductors .
- 2) Erath attract objects to its center due too its great density .
- 3) Rheostat in fridge contain a manual switch
- 4)electric wire can be made of rubber and covered with copper

## 3) a) From the opposite fig

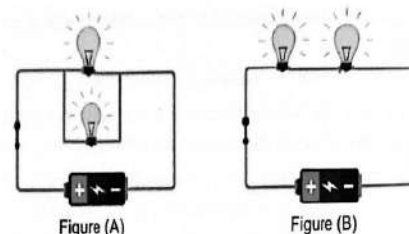
- 1- The parallel circuit is number .....
- 2- what happen when you remove lamp from circuit (B)  
.....

## b) Cross the odd word out:

- 1) battery - wires - magnet - lamp.
- 2)glass - cobalt - wood - paper .

## 4) a) What is the importance of

- 1-battery in electric circuit .....      2- switch in electric circuit.....



2) blood - blood 2)iron -



**b) Give reason for :**

1- Cobalt and nickel are considered magnetic materials.

2- Generator is very important in our life

3-Smart clothes have many benefits.

**(c) Cross out the odd word:**

1-Conduction - Convection - Friction - Radiation.

2- Air - copper - wood - glass





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#### Model exam (5)

#### 1) Choose the correct answer from each of the following:

1- Urination process happen by the help of .....system

- a- respiratory      b- digestive      c- urinary      d- nervous

2- the two kidneys remove wastes materials as .....

- a- water & urea      b- urea & blood cells      c- water & protein      d- protein & blood cells

3- generators are used in .....

- a- generating heat energy      b- operating electric devices      c- producing sound      d- building houses

4- ..... is a poor conductor substance for electricity.

- a- Iron      b- Copper      c- Aluminum      d- glass

5- Objects with more thermal energy have... kinetic energy.

- a. More      b. Less      c. the same      d. no

6. Heat is transferred through gases by.....

- a. radiation only.      b. conduction and convection.  
c. conduction only.      d. radiation and convection.

#### 2) Put right or false :

1) The electric devices in houses are connected in a series connection (.....)

2) Wood and plastic are electrical insulators (.....)

3) Gravity is a force by which the magnet attract objects to itself (.....)

4) Studying kidney model can save time , money and effort . (.....)

5) Hot water molecules have more kinetic energy than cold water. (.....)

6) Plastic and wood resist and slow down the heat transfer through them. (.....)

#### 3) From the opposite fig

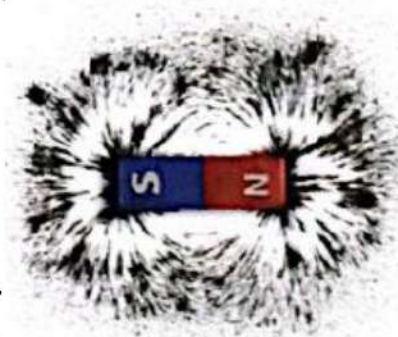
1- the tool is called .....

2- the tool is surrounded by area called .....

#### 4) A) Give reason for :

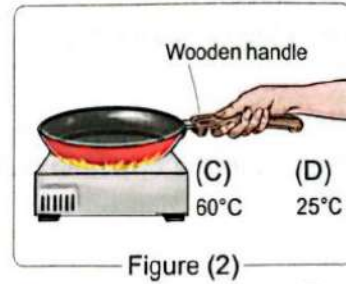
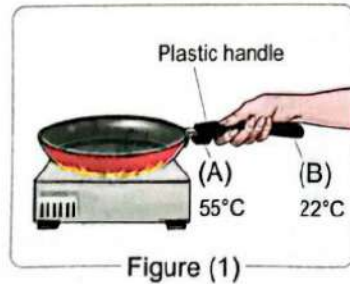
1- Some electric circuits contains resistor.

2- when a magnet move rapidly in a coil wire the needle of galvanometer connected to the coil move rapidly





B- Look at the opposite fig. then answer the following questions:



-Give reason :

- the handles are made up of wood and plastic.

-Complete:

- the handles in fig. .... Warms faster than the handles of fig .....

**Model answer ( model 1)**

- 1) 1-c 2-b 3-d 4-d 5-a 6- c
- 2) A) 1- repel - attract 2- glass , wood 3- opened 4- wood & plastic  
B)  
1- Nephron filter the blood and remove the harmful substance  
2-The speed will decrease
- 3) A) 1- Hot - cold  
2- faster  
B) 1- melting  
2-condensation  
3- more

**Model answer ( model 2)**

- 1}
- 1- a 2- c 3- c 4- c 5- atoms 6- concrete
- 2- A)  
1- Repulsion - attraction  
2- Iron - cobalt  
3- closed  
4- copper - iron  
b) 1- the wastes as uria will increase in the blood causes death  
2- it will be bend due to its expansion and may causes accident  
3-the temp. will transfer from body of higher temp.to body of lower temp until it will stop  
Transferring
- 3) a ) 1-√ 2- x 3-√ 4-√ 5- x 6- x  
b) close the circuit : iron nail - metallic spoon - metallic key
- 4- 1- solid
- 3- D-E





**Model answer ( model 3 )**

1}

1- open

2- battery

3- plastic - insulator

4- skin 5- Expansion 6- Solid state 7- conduction 8 -alloy 9- melting point 10- thermal energy

3} 1- wood 2- switch 3- urine 4- endocrine

4) 1- urinary system

2- store urine until it repels outside the body.

5)- 1- bec. plastic is a bad conductor of electricity

2- bec. copper is a good conductor of electricity

3- bec. heat transfer from hot pan to the ice so it melts

**Model answer ( model 4 )**

1}

1- a 2- a 3- d 4- b 5- c 6- a

2} 1- iron 2- mass 3- automatic 4- copper - rubber

3} a) 1- A 2 - The other lamp will put off

b) 1- magnet 2- cobalt

4) a) 1- battery is the source of electricity

2- switch open and close the electric circuit

b) 1- Bec. they are attracted to the magnet

2- bec . it is used in operating devices in home and generating electricity

3- bec. it can : 1- control the body temperature 2-light up in the dark 3- keep themselves clean

C) 1- friction 2 - cooper



**Model answer ( model 5 )**

1}

1- c

2- a

3- b

4- d

5- a

6- d

2} 1- X      2- ✓      3- X      4- ✓

3} Magnet 2- magnetic field

4} 1- to adjust the temperature inside the device

2- Bec. magnetism has electrical effect.

B) 1- Bec. wood and plastic are bad conductors of heat

2- fig. 2 - fig. 1

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