Mathematics

Question 1

Which of the following describes the end behavior of f(x)
= 2x / 3x^2-3 ?

1. The graph approaches O as x approaches infinity.

2. The graph approaches O as x approaches negative
infinity

3. The graph approaches 2/3 as x approaches infinity.

4. The graph approaches -1 as x approaches negative
infinity.

Question: - 2.

Let f(x) =4-x^2, g(x) =2-x find (f+g) (x) and its domain

Chemistry

Question: - 1.

where are the electrons found in Bohrs atomic atom

    A. the electrons orbit the protons at the atoms center.

    B. the electrons circle the nucleus in specific orbits.

    C. the electrons occupy the atoms center, with protons orbiting.

    D. the electrons are evenly distributed throughout the atom.

Question: - 2.

A molecule has two atoms that are bonded to the central atom and one lone pair of electrons around this central atom. What is the shape of the molecule? Bent linear trigonal planar trigonal pyramidal

Biology

Question: - 1.

Lactic acid fermentation is a type of anaerobic respiration that occurs in organisms such as:

    A. Bacterial Cells

    B. Animals

    C. Yeast Cells (fungi)

    D. Plants

Question: - 2.

The chemical and mechanical processes of food breakdown are called _____.

    A. digestion

    B. absorption

C. ingestion

D. secretion

Physics

Question: - 1.

Boyle's law relates which of the following gas properties?

   a) pressure and temperature

   b) Pressure and volume

   c) Temperature and density

Question: - 2.

Explain how atomic mass and molecular mass are determined

Health

Question: - 1.

What are examples of environmental lung diseases? Check all that apply.
pneumoconiosis bronchitis cystic fibrosis silicosis byssinosis anthracosis asbestosis
tuberculosis

Question: - 2.

When an individual feels unable to deal with the situation which of the following may be
used

History

Question: - 1.

label the social hierarchy of feudalism Label A Label B Label C Label D Nobles King
Peasants Knights

Question: - 2.

Which phrase describes a tactic that a lobbyist would use to influence public policy

Social Studies

Question: - 1.

Imagine that your best friend tells you that he doesn't think the water cycle is important.
What would you tell him?

Question: - 2.

Please place each step in the correct order: citizens vote, electors vote,electors choose the president, electors are chosen.

Geography

Question: - 1.

As a religious faith, candomblé appropriates beliefs from both _____.

   A. African faiths and catholicism

   B. Hinduism and catholicism

   C. Hinduism and islam

   D. . Buddhism and catholicism please select the best answer from the choices provided. .

Question: - 2.

Compare and contrast the independent and dependent variables in an experiment. give an example of each.

Arts

Question: - 1.

In which way is music used in the 2014 Nike advertisement "Risk Everything," starring popular football champions?

   A. lyrical language

   B. authority establishment

   C. memorability

   D. targeting

   E. continuity

Question: - 2.

Answer the following question in 3-4 complete sentences. An elaborately illustrated page in a Medieval Bible. What is the above image an example of? Describe its purpose and importance in history.

English

Question 1

How do Scout and Jem respond differently to this new information about Bob Ewell? Which child

most likely has a more accurate assessment of what will happen in light of this new evidence? Why?

Question 2

Choose the sentence in which the word

ball is a direct object.
A. The pitcher threw the ball.
B. The ball bounced on the ground.
C. That muddy blob is the ball.
D. The batter swung above the ball.

Buisness

Q1.

an advantage of a partnership compared to a sole proprietorship is that a partnership multiple choice question. is simpler than other forms of organization. is cheaper than other forms of organization. is less complex than other forms of organization. is able to raise larger amounts of capital.

Q2.

dan picked up his friend rodney to drive to their softball game. both dan and rodney have a personal auto policy (pap) with $5,000 of medical payments coverage. dan hit a parked car, and rodney was injured, incurring $9,000 of medical expenses. how will this claim be settled under the other insurance provision of the pap?

Assignment No- 2

```java
class savingsAccount{

    static double annualInterestRate;

    private double savingsBalance;


    double calculateMonthelyInterest(){

        double monthelyInterestRate=((annualInterestRate/100)/12)*savingsBalance;

        double finalBalance = 0;

        finalBalance = savingsBalance+monthelyInterestRate;

        return finalBalance;

    }


    static void modifyInterestRate(double newIntRate){

        annualInterestRate = newIntRate;

    }


    void setSavingsBalance(double newBalance){

        savingsBalance = newBalance;

    }

    void setInterestRate(double newIntRate){

        annualInterestRate = newIntRate;

    }

}


class Main{

    public static void main(String args[]){

        savingsAccount saver1 = new savingsAccount();

        savingsAccount saver2 = new savingsAccount();


        saver1.setSavingsBalance(2000);

        saver2.setSavingsBalance(3000);


        saver1.setInterestRate(4);
```

```java
        saver2.setInterestRate(4);


        System.out.println("The saver1 savings balance after depositing monthely interest:
"+saver1.calculateMonthelyInterest());
        System.out.println("The saver2 savings balance after depositing monthely interest:
"+saver2.calculateMonthelyInterest());


        saver1.modifyInterestRate(5);

        saver2.modifyInterestRate(5);


        System.out.println("The saver1 savings balance after modifying monthely interest:
"+saver1.calculateMonthelyInterest());

        System.out.println("The saver2 savings balance after modifying monthely interest:
"+saver2.calculateMonthelyInterest());


    }
}
```

Output-

The saver1 savings balance after depositing monthely interest: 2006.6666666666667
The saver2 savings balance after depositing monthely interest: 3010.0
The saver1 savings balance after modifying monthely interest: 2008.3333333333333
The saver2 savings balance after modifying monthely interest: 3012.5