GEITA ADVENTIST SECONDARY SCHOOL

FORM ONE HOME ASSIGNMENT

31/08/2020

BIOLOGY

1. A) With help of diagram define the following warning sign
(i) Toxic
(ii) Biohazard
(iii) Harmful
(iv) Corrosive
(v) Explosive
  B) Briefly explain how magnification under light microscope occurs

PHYSICS

1. i) A man lifts a load of 200N through a height of 3m. calculate of work done
   ii) A scale of maize which weighs 800N is lifted to a height of 2M. What work is done against gravity?

2. (a) i) define kinetic energy
      ii) What is the kinetic energy (K.E) of 0.012kg bullet travelling at 60m/s
   (b) i) define potential energy
      ii) determine the potential energy possessed by an object of mass 0.2 kg resting on a table
   1.6m above (use g= $10m/s^2$)

BIBLE KNOWLEDGE

1. Explain five challenges joseph , the sin of Jacob experienced in his life (genesis 37 -50)
2. Explain five success joseph , the son of Jacob experienced in his life (genesis 37-50)
3. Mention eight dreams found in the book of genesis and explain them

CHEMISTRY

1. (a) Define the term "laboratory"
   (b) Draw the following apparatus in a tabular form and state one use of each

Apparatus	Diagram	use

Measuring cylinder		
Round bottomed flask		
Spatula		
Test tube		

2. (a) Define the term "first aid"
    (b) Name any five components of the first Aid kit and give the use of each.
    (c) Mention five importances of first aid.
3. (a) Name four agricultural materials made by the application of chemistry
    (b) Make a list of places where chemistry is applied.
4. (a) Define the term "chemistry"
    (b) List down four curriers in which chemistry is an important subject
5. Fill in the following table by giving at least three products that are made by the application of chemistry in each of the fields shown

Field	Products
(a) Medicine	
(b) Transport	
(c) Manufacturing industry	
(d) Food and be change	

CIVICS

1. (a) what is national symbols
    (b) List 4 importance of national symbols

2. (a) What is work
    (b) List four importance of work
3. (a) Distinguish proper and improper behaviour

    (b) Mention four effects of not respect human rights
4. Outline four importance of a family

5. Try to write an essay on the sources of life skills. Based on
   (a) Introduction – Define the word
   (b) Main body – Discus the Importance
   (c) Conclusions – Summarize what you have done.

ENGLISH

1. Choose the correct verb from the brackets
   (i)   The sun   (rises/rise) from the East.
   (ii)   Juma and his wife   (fights/fight) everyday.
   (iii)   We (brush/brushes) our teeth everyday.
   (iv)   Rivers   (run/runs) to the sea.
   (v)   This child (cry/cries) always.
   (vi)   That teacher   (punish/punishes) students every morning.
   (vii)   Kenya and Tanzania   (helps/help) each other.
   (viii) (do/does) she live in Lusaka?
2. Fill in the box using the words from the box given.

Huge   crocodile   empty   plenty

   (i)   I cannot carry this book, it is very ----------------
   (ii)   It is easy to find a   in a river.
   (iii)   The class is   no body in side.
   (iv)   There is   of food in the village.
3. Complete the following sentences by filling in a, an or the.
   (i)   He ate   orange last week.
   (ii)   sun is hot.
   (iii)   --------------------dog is running around the football ground --------------------- dog will also
           go to the dormitory.
   (iv)   They came live hour ago.
4. Fill in the spaces with the prepositions: at, in, on.
   (i)   John is good   History.
   (ii)   The bus leaves   12, 30 pm.
   (iii)   The bus will arrive   the evening.
   (iv)   The examination will be   23rd play.
   (v)   We must sleep   night.
5. Make sentences in your own words to show that you know their meanings. Sleep:
   Joke: Arrive: Bank: Bear:

GEOGRAPHY

1. Define the term solar system
   b) Mention six components of the solar system
   c) Explain five (5) evidences to prove that the earth is spherical in shape
2. a) What is Great Circle?
   b) List down three importance of great circle
3. a) Name two movement of the earth
   b) Mention two famous place in Tanzania which have experienced the meteorite fall.
4. a) What do you understand by the term planet?
   b) List down any three characteristics of planets
5. Andunje is a pre-form one student who knows only the definition of geography. Explain to her why studying geography is important.

HISTORY

1. Briefly explain five physical features of Homo habilis
2. List down five usefulness of Archaeology as a source of historical information
3. What are the limitations of using written records as a source of historical information? (six points)
4. Briefly explain eight stages of human evolution and show in each stage where the skull was discovered and the name of the person who discovered that skull

KISWAHILI

1. a) Eleza maana ya :
   i) Fasihi (ii)Fasihi andishi (iii)Fasihi simulizi
2. Taja tanzu mbili za fasihi
3. Andika methali nne (4) unazo zifahamu zinazo muonya kijana juu ya tabia mbaya:
   i. _____
   ii. _____
   iii. _____
   iv. _____
4. Tegua vitendawili vifuatavyo:
   i. Kombe la sultani li wazi _____
   ii. Watoto wangu wanavilemba,asiye na kilemba si mwanangu _____
   iii. Kafunua jicho kundu _____
   iv. Aliwa,yuala,ala,aliwa _____
   v. Amevaa joho kubwa kuliko yeye mwenyewe _____

MATHEMATICS

1. (a) Arrange the digits order of 20349 to get:
(i) The smallest possible number.
(ii)The largest possible number.
(b) Represent the following on the number line.

≤ -4 (i) z (ii)

$-2 \leq Z \leq 3$

2. How many integers are there between: $-2 \leq Z < 6$?

3. (a) A shop keeper sold 292 t-shirts at the price of shs 6,950 each Approximate how much money she get?

(b) An empty bottle weight 115grams. If 56 tablets each of weigh $\frac{1}{4}$ grams are put in the bottle, what is total weight of the bottle and tables?

4. (a) A mathematics teacher bought 40 expensive calculators of 16,400 each. A number of cheaper calculators cost sh. 5,900 each. She spend a total of Tsh. 774,000/=. How many number of cheaper calculate did she bought?

(b) Evaluate

i) $64 \div (37 - 5) - 19 + 5_x6$

$-5 + -9 \div 3 - 7$ (ii) x 2 + 11

5. (a) From the set of numbers; {1, 3, 4, 5, 6, 7, 8, 10, 15, 17, 21,} write down.

i) The prime numbers
ii) The multiple of 3
iii) The factor of 60

(b) A bus travel 1240 km using 16 litres of diesel. How many litres of diesel are needed to drive 90 km?

6. (a) Write: 23401 in
(i) Words
(ii)In expended form
(b) Write down the total value of each digit in: 94238

THE END.