

INFORMATION & COMPUTER

1. Mention five advantages of installing computer network

2.

- a. Define computer network?
- b. Explain the following types of networks
 - i. Local area network (LAN)
 - ii. Wide area network(WAN)
 - iii. Metropolitan area network (MAN)
 - iv. Internet

3.

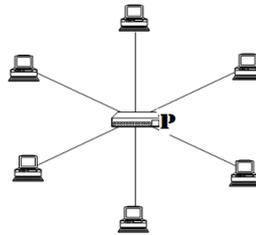
- a. What is network topology?
- b. Mention four types of physical topologies

4.

- a. What is a computer generation?
- b. Mention four characteristics of computers in fifth generation
 - i. The diagram below represents _____ topology.

5.

- ii. The name of a central device presented by letter **P** is _____
- iii. The network below is difficult to **troubleshoot, troubleshooting** means _____



6.

- a. What is software?
- b. Fatma bought a second hand computer. Fatma's computer was installed with windows 10, Microsoft office 2010, Anti malware and HDD of 360GB.
 - i. Which OS installed in Fatma's computer?
 - ii. What will be the function of anti-malware?
 - iii. What is the size of Fatma's computer storage device?

8. Describe eight uses of internet

9. Mention the basic html tags

10 Write the html syntax

HISTORY

1. a) Define the term Colonialism
- b) Define Scramble for and Partition Of Africa.
- c) Why Scramble for and Partition of Africa is inevitable during 1880's.
2. Why some areas in Africa experienced more scramble than others? (five points)
3. What was the Impact of the Scramble for and partition of African societies) Give six impacts?
4. a) Define Berlin conference.
- b) Explain events leading to the Berlin Conference. Explain the resolutions reached during Berlin conferences (Six points)
5. The Imposition of Foreign rule on African societies by European powers in 19th century was in various methods. Explain five methods
6. a) Define African resistance.
- b) Explain four types of African resistance.
- c) Explain Why African societies resisted against the Imposition of Colonial rule (six points)
7. Draw the Map Africa and locate the following African resistance,
 - A. Bunyoro resistance 1893.
 - B. Nandi resistance (1905)
 - C. Nama and Herero resistance (1904 ~1907)
 - D. Hehe resistance (1891~1897)
 - E. Shona and Ndebele resistance
8. a) Explain factors for Samori Toure to resist in Guinea.
- b) Explain why Samori Toure managed to resist for Long time?
9. a) Define Colonial administrative system.
- b) Define indirect rule and explain briefly it's original.
- c) Explain why British prefer to use Indirect Rule system (six points)
10. a) Explain the Meaning of Direct Rule.
- b) What was the reasons behind for Germany to use Direct rule system.
- c) Explain Why British settlers prefer to use Direct rule in in Zimbabwe? (Five points)
- d) Compare and Contrast between Direct rule and Indirect Rule. (Three points for each.

ENGLISH LANGUAGE

1. Rewrite the following sentences according to the instructions given
 - a) She finished her work. Then she went home. (Begin with Having)
 - b) She went out very early. She wanted to catch the first bus. (Rewrite using because)
 - c) Can we meet tomorrow? (rewrite into indirect speech)
 - d) My brother has a pen friend from Netherlands. (Rewrite using: nationality of the friend)
2. Using the words below, complete the given expressions.
 - a) A person whose job is to visit schools, factories to check that rules are being observed, obeyed and that standards are accepted is called_____.
 - b) A person who is in charge of work in a library is called_____.
 - c) A woman who writes book is called_____.
 - d) A person whose job to connect, repair electrical equipment like cables, wires in a house, car or machine is called_____.
3. Choose the most appropriate word from the given list to fill in the blank space in the give sentences.

Whose, Which, Whole, Myself, You, ourselves, quite, it,

 - a) Nasreen has spent her_____ life in boarding school from standard 1 to form six
 - b) when thieves came at night, we locked_____ in the rooms.
 - c) we are studying in_____ in old class
 - d) A widower is a man _____wife is dead?
4. In each of the following sentences, one word is wrong. Identify the **WRONG** word and replace it by writing the **CORRECT** word.
 - a) Kitchen is good meat.
 - b) His uncle is a hat surgeon.
 - c) May I have a peace of chalk.
 - d) This is not a light place for you to stay.
5. Complete the sentences using the information provided about Saleh's life history.

1984-1990 -at Mtakuja school
1991-1997-at Male high school
2000-2004-joined university of Dar es salaam.
2004-2007-English teacher at Maendeleo secondary school.
2008- got merrier.

For example: in 1984 to 1990, Swaleh was studying at Ntakuja primary school.

- a) in 1996_____
 - b) in 2003_____
 - c) in 2006_____
 - d) in 2008_____
6. Re arrange the following five sentence s into logical sequence to make a meaningful paragraph by writing the corresponding letter
 - A. It was so unfortunate that women died in Hussein's house because of drunkenness
 - B. Hussein was struggling to support her to get into the house and I went to help her.

- C. There was a certain boy living near our house, he was known as Hussein Kareem.
- D. one day I saw him coming back home with a woman
- E. The woman was so drunk that she could not walk on her own and she looked so terrible.

7. Match each expression in **list A** with the corresponding numbers from **list B**

List A

- A. A tropical fruit with smooth yellow or red skin, soft orange flesh and large seed inside.
- B. A round citrus fruit with thick reddish -yellow skin and a lot of sweet juice that is rich in vitamin C
- C. A long curved fruit with thick yellow skin and soft flesh, which grows on trees in hot countries.
- D. This large tropical fruit with rough skin, yellow flesh with a lot of juice and stiff leaves on top
- E. A tropical fruit with hard, dark green skin, soft, light green flesh and a large seed inside.

List B

- | | | | |
|-----------------|-------------------|---------------------|-------------------|
| 1 Orange | 2. Onion | 3. Pineapple | 4 Tomatoes |
| 5. Mango | 6. Avocado | 7. Apple | 8 Banana |

- 8. Imagine that you were given a chance to participate in world healthy day which is celebrated each year at the United nations premises. As Ana expert doctor write your speech about " COVID19 VIRUS and ways to prevent. In not less than 250 words.
- 9. figures of speech are used not only to make the work of art beautiful, but also to convey the message intended by the playwright to the reader. Validate this statement using two plays that you have studied in this section. Give four points from each reading.
- 10. Analyze the source of conflict in the two books that you have studied in this section, giving four points from each reading.

CIVICS

- 1. Since independence, the government of United Republic of Tanzania has adopted many strategic plans to eradicate poverty but the problem still existing by using six (6) points describe why the strategic plans fails?
- 2. Describe gender based violence which exist in Tanzania by giving six points.
- 3. Discuss the characteristics of good leader. Six points
- 4. Examine five importance of team work.
- 5. Explain why multipatism was introduced in Tanzania in 1992?
- 6. Taking Tanzania as an example account for the increase of poverty and consequences in many developing countries. Give six points
- 7. What are the consequences which can occur if social skills are not applied in a given community?
- 8. What are the causes of improper behaviour in our society?
- 9. Discuss the various strategies in place for poverty alleviation in Tanzania.
- 10. Analyze the structure and mandatory functions of the local government.

GEOGRAPHY

I/There are three main branches of geography namely

- a. Human Geography, statistical geography and environmental Geography
- b. Physical Geography, Topographical Geography and ARTIFICIAL Geography.
- c. Human Geography, Economy Geography and Practical Geography.
- d. Physical Geography, practical Geography and Soil Geography.
- e. Physical geography, human geography, statistical geography

II/The Earth's surface is characterized by land forms that are product of

- a. Forces that hinder the Earth development
- b. Forces that occur beneath and on the Earth's surface
- c. Only Forces occurring beneath the Earth
- d. Only forces occurring on the surface of the Earth
- e. Forces that occur in the ATMOSPHERE.

III/Radial movements are;

- a. Both vertical and horizontal movements
- b. Sometimes called vertical movement
- c. Lateral movement
- d. Anticline movements
- e. Vertical movements

IV/The wrinkling of the Earth's CRUST form

- a. Residual mountains
- b. Block mountain
- c. Fold mountain
- d. Volcanic mountain
- e. Rift Valley

V/Is a periodic rising and falling of the water level in the ocean

- a. Waves
- b. Currents
- c. Tides
- d. Coastal water
- e. Ocean winds.

VI/The great rift valley which extends from middle East to Africa

- a. Is a product of faulting
- b. Is a product of Folding
- c. Is not associated with Lakes and Rivers
- d. Has no arms
- e. Has rivers and oceans

VII/Is associated to basic Lava

- a. Shield volcano
- b. Batholith
- c. Plug dome
- d. Strato volcano
- e. Ash and cinder cone

VIII/The most ancient rocks are

- a. Cenozoic rocks
- b. Mesozoic rocks
- c. Carboniferous rocks

- d. Precambrian rocks
 - e. Metamorphic rocks
- IX/ On 21st June the sun is vertically overhead on the tropical of
- a. Capricorn
 - b. Cancer
 - c. North pole
 - d. Equator
 - e. South pole
- X/ The international Time zone basically basing on
- a. 24 hours
 - b. 12 hours
 - c. 06 hours
 - d. 72 hours
 - e. 00 hours

2

[02] Match the items from list A with those in list B. Basing on the internal structure of the Earth.

LIST A			LIST B
(i)	Mohorovic discontinuity	A	Magnesium and silica
(ii)	Conrad discontinuity	B	The core
(iii)	Barysphere	C	The mantle
(iv)	sial	E	Separating the crust and mantle
(iv)	Asthenosphere	F	The lower part of the mantle also maintain equilibrium of the Earth
		G	Upper part of the mantle
		H	It separate Sima from Sial
		I	Dominated with silica and aluminium
		J	Separate core and mantle

[3] With aids of diagrams differentiate the following terms

- i/ Lunar eclipse and solar eclipse
- ii/ Reversed fault and anticline fault
- iii/ Asymmetrical fold and Recumbent fold
- iv Sea breeze and land breeze
- v/. Anticlinorium fold and syclonorium fold

[4] Define

- I/ statistics
- II/ mention four importance of statistics
- III/ by using knowledge from form one draw the bar and line graph for the data given

	J	F	M	A	P	J	J	A	S	O	N	D
Temp c	20	15	10	18	22	11	9	5	17	15	10	22
Rainfall mm	200	50	30	125	170	250	150	55	60	90	100	140

[A] Bar graph (temperature data)

[B] Line graph (rainfall)

5. With help of diagram explain the internal structure of the Earth.
6. Define the following concepts used in Geography
 - I/ Equinox
 - II/ Humidity
 - III/ Earth movement
 - IV /Thermo metamorphic
 - V/ Rock cycle.
7. Explain the different types of metamorphism.
8. Explain the significance of rocks to man.
9. By using (06) points explain why Agriculture is a backbone of Tanzania economy.
10. What are the problems facing fishing industry in the world.

BIOLOGY

ANSWER ALL QUESTIONS IN THIS SECTION

1. For each of the items (i) to (x), choose the most correct answer from among the given alternatives and write its letter in the box at the back of Biology exercise book.
 - (i) Part of neuron that carries impulses towards a cell body:
 - A. Dendron
 - B. Axon
 - C. Synapse
 - D. Dendrite
 - E. Nucleus
 - (ii) Which of the following pairs of blood vessels carry oxygenated blood?
 - A. Pulmonary artery and umbilical artery
 - B. Pulmonary artery and umbilical vein
 - C. Pulmonary artery and umbilical arterioles
 - D. Pulmonary vein and umbilical vein
 - E. Pulmonary vein and umbilical artery
 - (iii) In a scientific investigation, the tentative explanation about a problem is known as
 - A. Experimentation
 - B. Data analysis
 - C. Observation of problem
 - D. Hypothesis formation
 - E. Conclusion
 - (iv) The reason for the shoot of a green plant to bend towards a unilateral source of light is
 - A. Chlorophyll cannot be formed on the darkened side
 - B. Green plants need light to carry out photosynthesis
 - C. Auxins accumulate on the shaded part
 - D. Auxins cause the cells of the illuminated side to grow faster than those of shaded part.
 - E. Auxins accumulate on the illuminated side

- (v) Form two students of ILIBORU Secondary School were viewing a slide preparation of a cheek cell under high power of a light microscope. The features of a cell were blurred. Which of the following parts of the microscope would the student use to obtain a sharper outline of the features?
- A. Eyepiece lens
 - B. Objective lens
 - C. Diaphragm
 - D. Fine adjustment knob
 - E. Mirror
- (vi) COVID-19 continues to wreak havoc worldwide and it has killed more than 70220 as at 06.04.2020. This phenomenon is termed as
- A. Epidemic
 - B. Sporadic
 - C. Pandemic
 - D. Endemic
 - E. Venereal
- (vii) When we inhale
- A. Our intercostal muscles contract and our ribs move down
 - B. Our diaphragm muscles contract and the ribs move up
 - C. Our diaphragm muscles contract and the ribs move down
 - D. Our intercostal muscles contract and the diaphragm muscles relax.
 - E. Our intercostal muscles contract and our ribs move up
- (viii) Which sequence correctly traces the path of urine after it leaves the kidneys?
- A. Ureters, urinary bladder, urethra
 - B. Urinary bladder, ureters, urethra
 - C. Urethra, urinary bladder, ureters
 - D. Urinary bladder, urethra, ureters
 - E. Urethra, ureters, urinary bladder
- (ix) Functions of bone include all of the following except
- A. Storage of mineral and energy reserves
 - B. Transport of materials
 - C. Production of blood cells
 - D. Support and protection
 - E. Movement
- (x) Which of the following does *not* correctly pair an organ with its organ system?
- A. Brain , nervous system
 - B. Heart , lymphatic system
 - C. Thyroid , endocrine system
 - D. Liver, digestive system
 - E. Lungs, respiratory system

2. Match the response in **List A** with the correct phrases from **List B** by writing the letter of the correct response.

LIST A	LIST B
I. Allows movement in all planes.	A. Biceps muscle.
II. Allows movement in one plane only.	B. Diffusion.
III. Its contractions flexes (bents) the arm.	C. Osmosis.
IV. Attaches muscles to the bones.	D. Plasmolysis.
V. Attaches bone to a bone in Joint.	E. Ball and socket Joint.
VI. Movement of molecules from region of high concentration to low concentration.	F. Hinge Joint.
VII. Process by which a plant cell loses water and shrinks.	G. Synovial joint.
VIII. Contractions of the heart ventricles.	H. Tendons.
IX. Fights pathogen by engulfing and digesting them.	I. Ligaments.
X. Transports water and mineral salts upward the plant.	J. Crenation.
	K. Lymphocytes.
	L. Phagocytes.
	M. Xylem.
	N. Phloem.
	O. Diastole.
	P. Systole.
	Q. Triceps muscle.

ANSWER ALL QUESTIONS IN THIS SECTION

3. During an ecological study at Kizimkazi forest in Kisarawe District, a group of students from

Yemen Secondary school recorded the following observations:

- Hawks feed on birds and lizards
- Snakes feed on birds, lizards, snails and insects
- Birds feed on snails and insects
- Insects and snails feed on land plants

From the above record of observations,

- (a) construct a food web

- (b) Name one Primary producer
 (c) Two Primary consumer
 (d) Two Secondary consumer
 (e) Two Tertiary consumer
 (f) One quaternary consumer

4. (a) Differentiate assimilation and digestion
 (b) What happens when carbohydrate is consumed in excess by the body?

5. (a) Some of the chemicals and apparatus used in a biology laboratory are harmful/dangerous in what ways are the following substances harmful/dangerous.
- Toxic substances.
 - Corrosive substances.
 - Radioactive substances.
- (b) State necessary precautions should one take when working with such substances listed from a (i) – (iii) above.
6. (a) Explain what would happen if:-
- Spinal cord is seriously injured.
 - Red blood cells lost hemoglobin.
 - Tricuspid valves in mammalian heart collapse.
- (b) Differentiate Breathing from Gaseous exchange (2 points)
7. State one function of each of the following:
- Medulla Oblongata
 - Cerebellum
 - Cerebrum
8. (a) (i) Which type of joint makes the hip joint?
(ii) Name the heaviest and longest bone in the human body
(iii) Which type of joint found in human skull give example?
- (b) Differentiate between Endoskeleton and Exoskeleton.
9. (a) Name the kingdom in which each of the following organisms belong:
- Bacteria
 - Mushroom
 - Moss
 - Amoeba
 - Fern
- (b) One of the organisms above reproduces both sexually by conjugation and asexually by binary fission. Which one is it?
10. (a) Explain the meaning of “Locomotion”
(b) Outline three (3) adaptive features of fish for locomotion in water.

ANSWER ALL QUESTIONS FROM THIS SECTION

11. Write an essay on Health using the following guidance
- Meaning of health and personal hygiene
 - Factors contributing good health
 - Ways of maintaining proper personal hygiene during puberty
12. (i) Define the concepts of diseases and immunity
(ii) Write an essay on **GONORRHOEA** by using the following hints: -
- Meaning
 - Causes of the diseases
 - Symptoms of the diseases
 - Transmission of the diseases
 - Preventive measures of the diseases
- Effects of the diseases if not treated properly