BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
COMPUTER APPLICATIONS

1. A school computer laboratory assistant is setting up new desktop computers for students and needs to connect the physical components so that learners can interact with the system and view their results on a screen.
   (a) Define the term *computer hardware*.
   (b) State two examples of output devices that can be used to display results to students.
2. A newly installed desktop computer cannot run any applications, recognize connected devices, or manage files until a core system software is installed to control all hardware and software activities.
   (a) Name the type of system software above.
   (b) Mention three main functions of named software.
3. A student is typing an assignment on a school computer. When the computer suddenly loses power before saving, the active text disappears, but the computer can still boot up using its built-in startup instructions, and the student can safely move finished files using a flash drive.
   (a) Differentiate between RAM (Random Access Memory) and ROM (Read-Only Memory).
   (b) Give one reason why secondary storage (like a flash drive) is important.
4. Word processors are widely used for creating and formatting text documents.
   (a) What is the main purpose of Microsoft Word?
   (b) State three formatting tools used to change the appearance of text in a document.
5. Tables help organize data neatly in rows and columns within a document.
   (a) Explain the basic steps to insert a table in MS Word.
   (b) Give two reasons why tables are useful when presenting information.
6. Proper file management prevents the loss of important typing work.
   (a) What is the difference between Save and Save As in MS Word?
   (b) State the keyboard shortcut used to print a document quickly.
7. Spreadsheets are used to record, calculate, and analyze numerical data.
   (a) Define the terms *cell*, *row*, and *column* as used in MS Excel.
   (b) State the mandatory symbol that must be typed before entering any formula in Excel.
8. Built-in functions make calculations faster and easier in spreadsheets.
   (a) Explain how to use the SUM function to find the total of a column of numbers.
   (b) Name two other basic mathematical functions available in Excel.
9. Spreadsheets help users visualize data clearly.
   (a) Differentiate between a *workbook* and a *worksheet* in MS Excel.
   (b) State one benefit of using charts or graphs to represent spreadsheet data.
10. Presentation software allows users to present information visually to an audience.
    (a) What is the primary use of Microsoft PowerPoint?
    (b) Define the term *slide transition*.
11. Animations and transitions make slides engaging when used correctly.
    (a) Explain the difference between a slide transition and a custom animation for text or objects.
    (b) State two good design practices when creating presentation slides.

12. Adding multimedia elements improves the quality of a presentation.
    (a) How can a user add an image or shape to a PowerPoint slide?
    (b) Mention the keyboard shortcut used to start a slide show from the very beginning.
13. Desktop publishing software is designed for creating professional layouts for printing and digital media.
    (a) What is Scribus mainly used for?
    (b) Name two types of publications that can be created using Scribus.
14. Page layout applications rely on specialized containers to hold text and images.
    (a) Explain the purpose of using *image frames* and *text frames* in Scribus.
    (b) State why a page layout program like Scribus is better than a standard word processor for designing a magazine.
15. Preparing a document for printing requires careful page setup.
    (a) Explain how a designer sets up page margins and bleeds in a new Scribus document.
    (b) State one advantage of using an open-source desktop publishing software like Scribus.

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
ELECTRICAL INSTALLATION

1. During a practical electronics lesson, students are constructing an RC filter circuit using resistors and capacitors. Their teacher asks them to determine the cut-off frequency of the circuit in order to understand how the filter will behave with different input signals.
   a) Define the term cut-off frequency in filter circuits.
   b) A low pass filter circuit consists of a resistor of 4k7Ω in series with a capacitor of 47nF connected across a 10v sinusoidal supply. Calculate
      i. the cut off frequency
      ii. output voltage (V_{OUT}) at a frequency of 100Hz
2. a) Explain power factor correction facility
   b) An electrical technician is assigned to improve the power factor of an industrial electrical installation to reduce losses and improve system efficiency. The installation contains inductive loads that require power factor correction. As a technician, identify and briefly explain three common methods that can be used to improve the power factor of the installation.
3. a) A supermarket owner wants to monitor checkout counters and prevent theft in the aisles. As
   a security system technician, recommend and explain the most suitable CCTV system for this application.
   b) A bank manager wants to protect customers, cash, and property from fire, theft, and unauthorized access. As a security systems technician, recommend the most suitable security system for the bank
4. a) A user reports light flickering immediately following the operation of a newly installed change-over switch. Briefly explain what could be causing this issue.
   b) A house owner reports that the Residual Current Device (RCD) trips repeatedly whenever electrical appliances are switched on. As an electrician
      i. A, identify the most likely cause of this problem.
      ii. How can the cause in 6b(i) be addressed?
5. a) During an electrical installation, identify the factors influencing the selection of trucking size.
   b) During the installation of electrical conduits in a commercial building, an electrician must decide how many cables can safely be pulled into a single conduit.
      i. Explain why the space factor is important in this situation.
      ii. Identify the practical problems resulting from exceeding the space factor.
6. A household uses the following electrical appliances: 5 bulbs of 60 W each, 4 fans of 80 W each, 2 tube lights of 9 W each, one cooler of 140 W, and one geyser of 850 W. The appliances are used for 5 hours daily. As an electrical technician, calculate the electricity bill for the month of October, taking the cost of 1 unit of electricity as TShs. 300/=.
7. a) Why is it necessary to use a resistor with an appropriate power rating in an RC filter?
   b) A student builds a solenoid circuit, but the coil gets extremely hot after a few minutes of operation. State the cause and explain how this issue can be fixed.
   c) Analyze the factors to be considered when selecting a core material for a transformer.
8. A renewable energy technician has eight identical 12 V, 50 Ah batteries for a small DC power system. The batteries can be connected in different configurations to meet system requirements. Using appropriate electrical principles and calculations, determine the battery bank performance for the following configurations:

9. (a) If all eight batteries are connected in series, determine the following when the battery bank is connected to a 10 Ω resistor:
   i. The total voltage of the battery bank.
   ii. The current flowing through the resistor.
   iii. The total power supplied to the resistor.
   iv. The time required for the batteries to become fully discharged.

   (b) If all eight batteries are connected in parallel, determine the following when the battery bank is connected to a 10 Ω resistor:
   i. The total voltage of the battery bank.
   ii. The current flowing through the resistor.
   iii. The total power supplied to the resistor.
   iv. The time required for the batteries to become fully discharged.

   (c) The eight batteries are arranged into two identical groups, with four batteries connected in series in each group. The two series-connected groups are then connected in parallel. Determine the following when the resulting battery system is connected to a 10 Ω resistor:
   i. The total voltage of the battery system.
   ii. The total current supplied to the resistor.
   iii. The total power supplied to the resistor.
   iv. The time required for the batteries to become fully discharged.
10. A newly constructed hospital is being connected to a three-phase electrical supply. During the installation of the distribution board (DB), the supervising engineer notices that the earth wire has not been connected, some terminal connections are loose, and the installation has not been inspected before energizing.
    a) State four functions of the components found in a three-phase distribution board.
    b) State five safety measures that should be observed when installing a three-phase distribution board.
11. A technician connects three identical batteries, each rated 12 V, 200 Ah, in series to power a solar PV system. The battery efficiency is 90%. Calculate and show clearly:
    i. The total system voltage
    ii. The total battery-bank capacity (Ah)
    iii. The total nominal energy stored (Wh and kWh)
    iv. The effective output energy after accounting for 90% battery efficiency
12. A school plans to install a medium-sized solar PV system. The technician wants to select a charge controller that can achieve high efficiency and maximize the energy obtained from the solar panels.
    a) Which type of charge controller should the technician select: PWM or MPPT?
    b) Give two reasons for your choice.
    c) State one disadvantage of the selected charge controller.
13. A technician visits a solar PV installation and finds that the battery is not charging. During inspection, he discovers loose wiring connections and suspects that the charge controller may be faulty.
    a) Identify two possible causes of the battery not charging.
    b) What should the technician do to correct the problem?
    c) State two maintenance practices that can help prevent battery problems.
14. In a commercial building, occupants have experienced electric shocks when touching the metal casing of electrical equipment. An electrician decides to install a current-operated Earth Leakage Circuit Breaker (ELCB/RCD)
    a) Explain how a current-operated ELCB works.
    b) State four safety measures to observe when installing the ELCB.

15. A newly installed three-phase motor in a manufacturing plant keeps drawing excessive current because of an overload. The electrical technician decides to install an over-current protective device (OCPD) to protect the motor and wiring system.
    a) Explain three functions of an over-current protective device (OCPD).
    b) State five installation procedures the technician should follow when installing the OCPD.
16. A solar PV system requires a 48 V battery bank. The technician has four identical batteries, each rated 12 V, 50 Ah.
    a) How should the batteries be connected to obtain 48 V?
    b) Calculate the total voltage and capacity of the battery bank.
    c) State the purpose of connecting batteries in this configuration.
17. A hospital has frequent power outages and has installed a standby generator. The electrical technician is required to install a change-over switch to ensure continuous power supply to critical equipment.
    a) Explain the purpose of installing a change-over switch.
    b) Draw the wiring diagram of a manual change-over switch.
    c) Describe what happens when:
        i. the utility power fails, and
        ii. the utility power is restored.

Preventive Maintenance Questions

18. Explain the advantages of carrying out preventive maintenance.
19. One of the activities in preventive maintenance is visual inspection. Briefly explain things that should be observed when conducting visual inspection.

Electrical Inspection Questions

20. Describe the benefits of performing an electrical inspection on an electrical installation.
21. Explain the limitations of performing an electrical inspection on an electrical installation.

Remedial Actions Questions

22. Describe the benefits of carrying out remedial actions.
23. Explain the key factors that determine whether to repair or replace a component as part of remedial action.

Maintenance Schedule Questions

24. Why is it important to have a maintenance schedule for an electrical installation, equipment or machine?
25. Describe the benefits and challenges of preparing a maintenance schedule.

Dismantling and Assembling Electrical Machines Questions

26. Describe the tools needed in dismantling and assembling of an electric machine, particularly an electric motor.
27. Explain the key reasons for dismantling and re-assembling of the electrical machines during routine maintenance.

Troubleshooting and Measurements Questions

28. Describe the importance of carrying out physical check-up in an electrical installation during troubleshooting.
29. Why is it important to follow safety precautions when taking measurements?
30. Why is it important to carry out measurements during troubleshooting?

Troubleshooting Flow Chart Questions

31. Describe the benefits of developing a troubleshooting flow chart.
32. Describe the limitations of using a troubleshooting flow chart.
33. Briefly explain the importance of developing a reference for further fault finding.
34. Describe the difference between a troubleshooting chart and a reference for further fault findings.

Application of Maintenance and Troubleshooting Knowledge Questions

35. A building electrical services technician notices that a distribution panel is unusually warm to the touch, even though there are no visible faults or tripped breakers.
(a) What could be the possible causes of this overheating?
(b) How could regular maintenance have helped prevent this issue?
(c) Describe the risks of not performing regular maintenance on an electrical installation.
(d) How do remedial actions help in maintaining safety and compliance?

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
ENGLISH

1. Form adjectives from the following words. Then construct a sentence for each

(i)	Annoy	(ii)	Excite	(iii)	Write		
(iv)	Fall	(v)	Charm	(vi)	Amaze		
(vii)	Choose	(viii)	Threat	(ix)	Satisfy	(x)	Inspire

2. Construct one meaningful sentence for each of the following types of tenses
   a) The simple present
   b) The simple past
   c) The present perfect
   d) The simple future
   e) The present continuous tense

3. Write a story (monologue) about your plans, dreams, or goals using the following conjunctions and coordinators
   i. Both….and
   ii. Not only……but also
   iii. Whenever
   iv. Either ……or
   v. Neither…. Nor

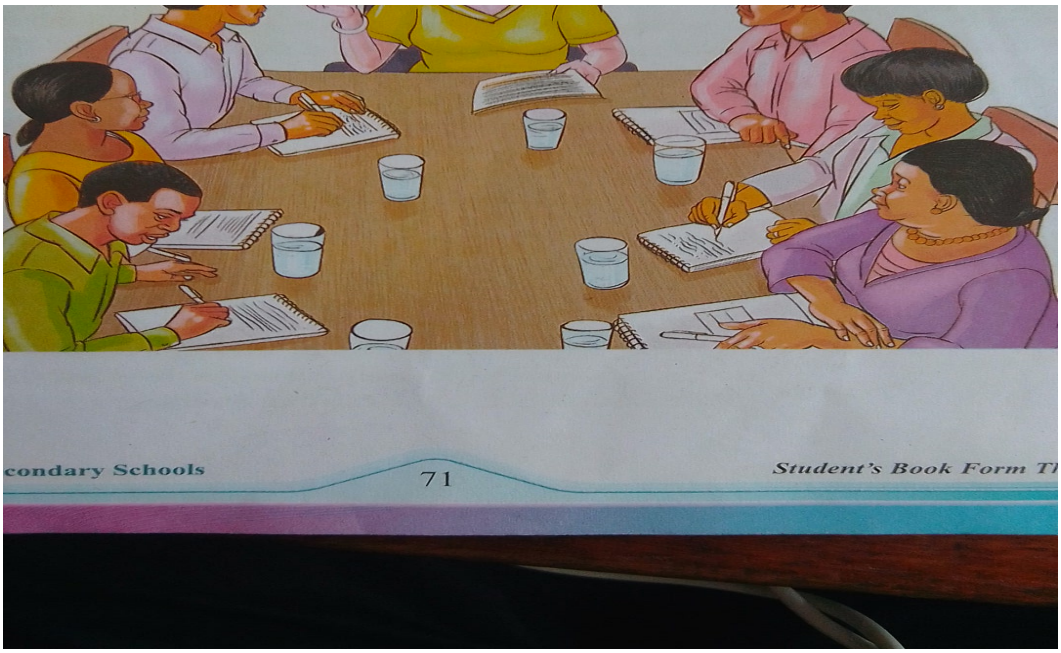
4. Change the following sentence s from active to passive or passive to active as appropriate
   a) The cake was baked by my grandmother
   b) I complete my school works before sleeping
   c) A new library was built by UNESCO in the city
   d) The road is being repaired by workers
   e) The invitations were set by Sarah
   f) The car has been being driven by Azariah
   g) The headmaster announced the winner of the debate competition
   h) The meeting has been cancelled by the manager
   i) The volunteers have cleaned the children`s playground
   j) The decision will be taken by the president this month

5. Read the story below and answer questions that follow
Ndele walked into the living room and **gasped**. The beautiful blue vase her mother loved was in pieces on the floor. Her little brother, Chautundu, stood nearby, his hands behind his back and his eyes looking down. “What happened?” Ndele asked. Chautundu **shrugged** and **whispered**, “I don’t know.”

Questions

   i. What do you think might have happened to the vase?
   ii. Why do you think Chautundu behaves this way?
   iii. What do you think Ndele might say next?
   iv. What do you think the words in boldface mean as used in the text?
   v. Look up the meaning of the words in boldface in a dictionary and compare it with your initial guess in (iv).

6. Study the picture below.



Use the words in the box to answer questions given

I think ……. Acoording to …….. In view of this ……. In my opinion ……

Questions

a) What are the people in the picture doing?
b) Why are they using notebooks?
c) Who do you think is leading the activity and why?
d) In what context might the activity shown in the picture take place?
e) Why would you consider the activity shown in the picture to be significant?

7. Write a formal letter to the editor of Sunday News, P. O. BOX 20054, KIGOMA, telling him or her about water shortage in your area. Sign as NIANJEMA MZALENDO of P.O.BOX 3322 KASULU KIGOMA

8. Read, identify errors and re-write the following laboratory rules without errors
   a) Avoid sckin and ai contacts with chemicals
   b) Never leave chemicals containers of open
   c) Do not test or sniph chemicals
   d) Avoid wearing jewelry in the raboratory
   e) Never it or drink anything in the laboratory

9. Use online or offline sources, write short notes on the following concepts as used in literature
   (i) Poetry (ii) Poem
   (iii) Rhyme (iv) Verse
   (v) Stanza (vi) Poetic devices (vii) Rhythm

10. In what ways does poetry differ from other genres of literature?

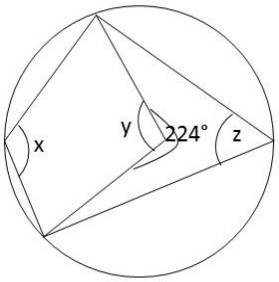
BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
MATHEMATICS

1. Represent the following set of inequalities on a number line $0< y \leq \frac{5}{2}$
2. Express $0.08\dot{3} + 0.29696\ldots\ldots$ in the form of $^{a}/_{b}$ where *a* and *b* are integers and $b \neq 0$.
3. A clothing shop sells T-shirts which are in three colors: red, blue, and green. The colors are in ratio of 3 to 4 to 5, respectively. If the shop has 20 blue T- shirts, find the difference between the red T-shirts and the green T-shirts
4. The relatives share 180950Tshs so that, the first receives twice as much as second and the second receives twice as much as the third. How much does the first receive?
5. Janet's mother is five times as old as Janet. After 8 years, her mother will be 4times as old as Janet. Find their present age.
6. Dashi has 83,000 Tanzanian shillings for shopping. If he buys 2 ties and 2 shirts, he remains with 9,000 Tanzanian shillings. If he buys 1 tie and 3 shirts, he spends all the money. Find the price of a tie and a shirt.
7. Represent the solution of the following on a number line $|2x - 1| < 3$
8. Work out 8% of 0.737 correct to
   i. One significant figure
   ii. Three decimal places
9. By rounding off to two significant figures, find the value of the following expression $\frac{0.165 \times 135}{345.51 \times 0.8008}$
10. Determine the values of *m* and *c* such that the straight line $y = mx + c$ will pass through the points (-1, 4) and (3, 5)
11. Find the value of *y* if the points A (3, *y*), B (0, 4) and C (-2, 8) are in the same line.
12. Solve the following simultaneous equations by substitution method $\frac{x}{2} - \frac{y}{3} = 5, and \ \frac{x}{3} - \frac{y}{6} = 3\frac{1}{2}$
13. Solve the following simultaneous equations by elimination $\begin{cases} 6a - b = 3 \\ 4a - 3b = -5 \end{cases}$
14. Determine the gradient and *y*-intercept of the line whose equation is $7x - 2y - 3 = 0$.
15. A motorcycle travels 0.67 of the total distance to its destination at a speed of 30km/h, and then travels the remaining distance at a speed of 40km/h. If the car took 4 hours for the whole journey, what is the total distance of the journey? Express your answer as a repeating decimal.
16. Moses spent $\frac{1}{4}$ of his money on food and another $\frac{3}{5}$ on a drink. If he remained with 10,200 Tanzanian Shillings, how much did he have in total?
17. Find the value of x if $\frac{x+2}{4} - \frac{x-3}{3} \geq \frac{1}{4}$
18. Solve the following simultaneous equation graphically $\begin{cases} -2x + 3y = -7 \\ y + 2x = 11 \end{cases}$
19. Solve for x and y if $2^x . 3^y = 144$
20. Rationalize the denominator in: $\frac{\sqrt{5} \ -2\sqrt{6}}{\sqrt{3} + \sqrt{2}}$
21. Find in kilometers per hour, the rate at which a car travels if it goes 115 ½ km in 35 minutes.
22. The monthly rent for an apartment varies directly with its area and inversely with the number of roommates. If Tsh 400,000 is the rent for an apartment of 900 square units with 3 roommates, find the rent for an apartment of 1200 square units with 4 roommates.

23. Mr Njoroge from Nakuru Kenya visited Tanzania. He had 5000 Kenya shillings (Kshs) and wanted to change the money into US dollar. If 1US dollar was equivalent to 2500 Tanzanian shillings (Tshs) and 1Kshs was equivalent to 20Tshs, how much US dollar did he get?
24. Solve the quadratic equation below by using a quadratic formula. $\frac{x^2}{\left(1\frac{1}{2}-x\right)(2-x)} = 4$
25. Find the value of each of the following expressions and simplify the answer:
    i) $\sin 60^0(\cos 45^0 + \sin 30^0)$
    ii) $\tan 45^0(4\cos 60^0 - \sqrt{3}tan30^0)$
26. Solve for X if $(4^{x+3})\ (16^X) = 8^{3x}$
27. If $\log_5 2 = 0.4307$,and $\log_5 3 = 0.6826$,then find the value of $\log_5(2\frac{2}{3})$
28. Factorize completely each of the following

    i. $2x^2 - 5xy + 3y^2$
    ii. $2ba^2 - 32b^3$

29. If $a*b = 2a^2 - 3ab + b^2$ Evaluate (3*2) *- 4.
30. If $f(x) = \frac{k}{x-1} + \frac{6}{x-2}$ and f(5)=8, calculate the value of K and f(4).
31. A person requires 15 and 14 units of chemical A and B respectively for his garden. A liquid product contains 5 and 2 units of A and B respectively, per jar; a dry product contains 1 and 4 units of A and B respectively, per carton. If the liquid products costs Tshs. 3000/= per jar and the dry product costs Tshs. 2000/= per carton, how many of each should a person purchase in order to minimize the cost and meet the requirements?
32. Find the size of the angles marked x, y and z



33. The second, fourth and eight terms of an arithmetic progression form three consecutive terms of a geometric progression. If the sum of the third and fifth terms of the geometric progression is 20, find the sum of the first ten terms of the geometric progression.
34. A function f(x) is defined $f(x) = \begin{cases} x\ if\ x < -2 \\ 2x\ if\ -2 \le x < 3 \\ x + 1\ if\ x \ge 3 \end{cases}$

    (a) Findf(-5),f(0)andf(10)
    (b) Sketch the graph of f(x)
    (c) Find domain and range of f(x)

    (d) For what value of x is f(x)=30, f(x)=-2 and f(x)=-8?

35. Given that, R = $\left\{(x,y): y = \frac{2}{\sqrt{x-2}}\right\}$, hence state domain and range of R^{-1}

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
FOOD PRODUCTION

1. Define the term 'cover' in food and beverage service.

2. List four pieces of essential cutlery used in a basic table setup.

3. Differentiate between table d'hôte and à la carte menus.

4. Name three safety hazards commonly found in a restaurant dining area.

5. What is the difference between root and leafy vegetables?

6. Explain how boiling affects the nutrient content of vegetables.

7. Identify two methods to preserve the color of green vegetables during cooking.

8. Name one common vegetable used in Tanzanian cuisine.

9. Describe the culinary uses of cassava leaves.

10. What is the main ingredient in Ugali?

11. Explain the preparation process of Pilau rice.

12. How is Ndizi Kaanga prepared?

13. Describe the serving style of Sukuma Wiki.

14. What role do spices play in Tanzanian dishes?

15. Name two types of legumes commonly consumed locally.

16. How do you properly store fresh vegetables?

17. What is the difference between a la carte and table d'hôte costing?

18. Define the term 'crudités'.

19. What is the nutritional significance of adding coconut milk to local dishes?

20. Explain the proper procedure for presenting and serving a non-alcoholic beverage to a guest at a table.

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
FOOTBALL PERFORMANCE

1. Explain the system of play in football and discuss the roles and responsibilities of players according to their positions.
2. Explain the importance of teamwork in executing a system of play, highlighting the responsibilities of each playing position.
3. Your team is leading 1–0 with ten minutes left to play. The coach instructs the team to sit deep and protect the lead.

   a) Identify the system of play being used.

   b) Explain two ways players must perform this system effectively.
4. Your team is losing and switches to a more attacking approach by pushing full-backs forward.

   a) Identify the system of play.

   b) State one risk of this system.
5. During a match, your team changes from attacking to defending several times. Discuss the importance of transitions between attack and defence.
6. Discuss the challenges of using ICT in football performance and suggest appropriate solutions.
7. Explain how a football coach can use ICT to analyse the performance of a team.
8. A team is preparing to play against a strong attacking opponent. Explain six factors to consider before selecting a formation.
9. A team uses a 3-5-2 formation. Explain five tactical features the coach should monitor.
10. Explain how a coach can use ICT to analyse the performance of a team.

SHULE YA SEKONDARI BAOBAB
KIFURUSHI CHA NYUMBANI KWA KIDATO CHA TATU
HISTORIA YA TANZANIA NA MAADILI

1. Katika kipengele (i) – (x), chagua jibu sahihi kutoka kwenye machaguo uliyopewa na kuandika herufi yake katika kisanduku ulichopewa.

i. Ni msingi upi wa Azimio la Arusha uliohusiana na usawa wa binadamu?
   a) Kuwapa viongozi wa serikali mishahara mikubwa
   b) Kuweka njia kuu za uzalishaji mali mikononi mwa mabepari
   c) Kukubali kuwa binadamu wote ni sawa na wanastahili heshima
   d) Kuhamasisha unyonyaji wa wakulima na wafanyakazi

ii. Azimio la Arusha lillisisitiza umuhimu wa kujitegemea kwa njia gani?
   a) Kwa kutegemea misaada ya kigeni
   b) Kwa kuendeleza mfumo wa ukoloni mamboleo
   c) Kwa kuhamasisha uzalishaji wa ndani na kupunguza utegemezi
   d) Kwa kuimarisha uhusiano wa kiuchumi na nchi za kibeberu

iii. Ni ipi kati ya faida zifuatazo ni matokeo ya uhusiano wa kikanda?
   a) Kuongezeka kwa uagizaji wa bidhaa kutoka nje ya bara la Afrika
   b) Kuimarika kwa ushirikiano wa kiuchumi na kijamii kati ya nchi jirani
   c) Kuongezeka kwa ushindani wa kisiasa kati ya nchi wanachama
   d) Kuboreshwa kwa miundombinu ya usafirishaji mizigo peke yake

iv. Jumuiya ya Afrika Mashariki (EAC) ni mfano wa uhusiano wa kikanda unaolenga:
   a) Kushindana kisiasa, kijamii na kiutamaduni kati ya nchi wanachama
   b) Kuweka udhibiti wa bei ya bidhaa duniani na hata kwa nchi wanachama
   c) Kukuza ushirikiano wa kiuchumi, kijamii na kisiasa kati ya nchi wanachama
   d) Kufunga mipaka kwa wageni kutoka nje na kuruhusu nchi wanachama tu

v. Ni hatua gani zilichukuliwa na Azimio la Arusha kuhusu njia kuu za uzalishaji mali?
   a) Kumilikiwa binafsi na watu wachache
   b) Kumilikiwa na serikali kwa niaba ya wananchi
   c) Kumilikiwa na wawekezaji wa kigeni
   d) Kumilikiwa na mashirika ya kimataifa

vi. Azimio la Arusha lilianzisha miiko ya uongozi kwa lengo gani?
   a) Kuwalinda viongozi dhidi ya wananchi
   b) Kuwapa viongozi uhuru wa kufanya wanavyotaka
   c) Kuyadhibiti matumizi mabaya ya madaraka na kuyalinda maadili ya uongozi
   d) Kuhamasisha viongozi kuwa na mali nyingi

vii. Ni mambo gani ya kijamii yalifanyika kufuatia kutangazwa kwa Azimio la Arusha?
   a) Kuhamisha wakazi wa mijini kwenda vijijini kwa nguvu
   b) Kuboreshwa kwa huduma za afya, elimu, maji na umeme
   c) Kufuta mila na desturi za jadi
   d) Kuhamasisha uhamiasi wa watu kutoka vijijini kwenda mijini

viii. Azimio la Arusha lilikuwa na lengo gani kuu katika siasa ya TANU?
   a) Kujenga taifa la kibepari lenye maendeleo makubwa
   b) Kujenga taifa la watu wamoja na wenye kuheshimiana
   c) Kujenga taifa la kijadi na lenye kufuata sera ya ujamaa
   d) Kujenga taifa la kidini na lenye kusisitiza mshikamano

ix. Azimio la Arusha lilichukua hatua gani kuu katika kuimarisha uchumi wa Tanzania?
   a) Kuhamasisha uwekezaji wa kigeni katika sekta binafsi
   b) Kuweka njia kuu za uchumi mikononi mwa umma kupitia utaifishaji

c) Kuhimiza biashara huria kati ya Tanzania na mataifa ya Magharibi
d) Kuwezesha mashirika ya kimataifa kumiliki rasilimali za taifa

x. Ni kwa namna gani Azimio la Arusha lilichangia katika ujenzi wa mfumo wa kisiasa wa Tanzania?
a) Kwa kuanzisha mfumo wa vyama vingi vya siasa
b) Kwa kuimarisha demokrasia ya vyama vya kikanda
c) Kwa kuanzisha siasa ya ujamaa na kujitegemea chini ya TANU
d) Kwa kuhamasisha uongozi wa kijadi katika maeneo ya vijijini

2. Oanisha maana ya dhana zilizopo orodha A kwa kuchagua herufi ya jibu sahihi kutoka katika orodha B Oanisha Kazi za Vyombo vya Utekelezaji vya SADC (Orodha A) na Maelezo Sahihi (Orodha B)

orodha A	orodha A
i. Mkutano wa wakuu wa nchi wanachama ii. Baraza la mawaziri wa mambo ya nje iii. Sekretarieti ya SADC iv. Chombo cha Siasa, Ulinzi na Ushirikiano wa Kiusalama v. Kamati za Kisekta za Mawaziri	A. Chombo kikuu cha utekelezaji chenye makao makuu jijini Arusha Tanzania B. Chombo kikuu cha uamuzi kinachoweza mwelekeo wa jumla wa sera na kudhibiti shughuli za jumuiya C. Moja ya jukumu lake kubwa ni kushauri Mkutano wa Wakuu wa Nchi wanachama D. Chombo kikuu cha utekelezaji cha jumuiya chenye makao makuu yake mjini Gaborone, Botswana na kinasimamiwa na Katibu Mtendaji E. Chombo cha kusimamia ulinzi na usalama pamoja na kutatua migogoro inayoibuka katika SADC F. Chombo kinachoundwa na mawaziri kutoka kila nchi mwanachama wakihusika na maeneo maalumu ya ushirikiano wa kikanda G. Ni chombo kinachoundwa na wakuu wa nchi ambacho kazi yake ni kufuatilia utendaji wa kila siku wa jumuiya ya SADC H. Chombo kikuu cha ulinzi na usalama katika JAM

SEHEMU B (Maksi 54)
Jibu maswali yote katika sehemu hii

3. Eleza sababu za chimbuko na uhusiano wa la muungano baina ya Tanganyika na Zanzibar toa hoja sita pg 1
4. Ni kwa namna gani Muungano umesaidia katika kujenga umoja wa kitaifa miongoni mwa watanzania? toa hoja sita pg 21
5. Elezea kwa kifupi hali iliyosababisha kutokea changamoto za kiuchumi ambazo zilihitaji suluhisho kutoka kwa viongozi kipindi cha azimio la Arusha pg 70
6. Umoja ni nguvu utengano ni udhaifu. Husianisha usemi huu na azimio la Arusha.
7. Fafanua mchango wa serekali ya Tanzania na TANU katika harakati za ukombozi wa nchi za kusini mwa Afrika
8. Ni kwa namna gani uhusiano wa kikanda umechangia katika ujenzi wa taifa la Tanzania?
9. Elezea kwa namna gani changamoto za kiuchumi zilivyo kikwazo katika kukuza uhusiano wa kikanda
10. Jadili michango sita ya sayansi na teknolojia katika maendeleo ya jamii za Kitanzania kabla ya ukoloni.

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
TECHNICAL DRAWING

Instructions

i. This package consists theory and practical questions, respond all questions according to instructions to specific question.

ii. all description or explanation questions use **A4 Paper** and all drawing use **Your portfolio book**, pin your explanations paper together with questions paper at the top the put within your portfolio.

iii. remember to write question number on each question you attempts answer each component within a question.

iv. keep your work **clean and neat**, a work which will not be so, we **will not receive.**

Theory questions

1. You have tasked to produce official wear, leisure wear and African wear, design by drawing this wear in your portfolio, and give out its differences in term of meaning, style, accessories, uses, and aesthetic appeal
2. Make a safe visitation in your street, different outlets, like open market and boutique, and perform research methods to gather important data about, trending fashion then respond the following.
    i. Identify methods you have use to gather the data about fashion trending and customer preference on wearing,
    ii. Identify with example five fashion trend put on by people on the area you visited
    iii. Analyze importance of performing research before garment production
3. Find any event that around you where exterior or interior decoration performed, then make an analysis on the following
    i. Briefly state that event
    ii. Identify all element of designing they incorporated in their decoration
    iii. Are they incorporate principle designing, identify with example
    iv. Which mistake would you discovered on that event decoration
    v. Which remedies are you suggesting to improve their decoration

Practical questions

4. You're asked to make a short sleeve shirt, by following all procedures from pattern making, cutting, sewing and good finishing, use the following basic measurement when carrying out that work, shoulder 40 cm, shirt length 64cm, chest 82cm, and 22cm, 40cm for sleeve length and sleeve width respectively. (record a video in form of short clips showing the way your performing the activity, especially to the stage of pattern making and cutting, sewing and finishing, then send the clips, in the number below of this question paper, then handle the product to school)
5. For the coming graduation you are asked to prepare a well-tailored trouser for exhibition by using your sewing skill of trouser making, carry out this activity, use the following measurements, waist 80cm, length 86cm, hips 90, bottom 37cm, flies 23cm. (record a video in form of short clips showing the way your performing the activity, especially to the stage

of pattern making and cutting, sewing and finishing, then send the clips, in the number below of this question paper, then handle the product to school)

6. by using **Inkscape software** make any design to your own choice like animal, leaf, flower, tree, geometrical shape with words, etc that can be embroidered, then print it, make embroidery of your design, then bring in the school the product with list of performance procedure you passed and all tools you have used.
7. Perform side decoration, prepare pinned board (maline board) with length 90cm and width 100cm, then make a decoration of national flag on that board, using a well selected fabric in term of color and texture, use tetron fabric or other less expensive fabric, (record a video in form of short clips showing the way you're performing the activity, and your appearance should be seen, especially the way you employed principle of designing. then take a photo of your product and print it)

Wish you enjoyable holiday

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
LIFE SKILLS

Module: Advanced Public Speaking, Interview Preparation & Application Letters

INSTRUCTIONS:

1. Answer all questions clearly and concisely in your subject notebook.
2. Ensure your work is neat, well-organized, and legible.
3. This package is mandatory and must be submitted on the exact day of school opening at my office.

1. Advanced Public Speaking & Audience Engagement
   (a) Explain the difference between informative public speaking and persuasive public speaking, highlighting the primary objective of each.
   (b) Describe four (4) techniques a speaker can use to overcome speech anxiety (stage fright) and maintain audience engagement during a presentation.
2. Application Letter Writing & Professional Enclosures
   (a) Differentiate between an open/unsolicited application letter and a solicited application letter.
   (b) Identify four (4) essential documents or enclosures that should accompany a formal job application letter, and state the purpose of each.
3. Types of Interviews & Selection Panels

   Briefly explain the following four (4) types of employment interviews and state one advantage of each:

   (a) Panel Interview

   (b) Behavioral / Competency-Based Interview

   (c) Phone / Virtual Interview

   (d) Group Interview

4. Interview Communication & Professional Etiquette

   Define and explain the importance of the following six (6) professional concepts during a job interview:

   (a) Impression Management

   (b) The STAR Technique (Situation, Task, Action, Result)

   (c) Executive Body Language

   (d) Post-Interview Follow-Up Letter

   (e) Professional References

   (f) Salary Negotiation Etiquette

5. Practical Application & Scenario Analysis
   (a) Formulate three (3) relevant and intelligent questions that a job candidate should ask an interview panel at the end of an interview.
   (b) Explain three (3) critical mistakes a job applicant should avoid when drafting a Curriculum Vitae (CV) and writing an application letter.

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
BUSINESS STUDIES

1. Explain the following terms:
   (a) Goods
   (b) Exchange
   (c) Wants
   (d) Resources
2. With examples, explain different activities carried out in your community.
3. Briefly explain the concepts of scarcity and opportunity cost.
4. Briefly explain the importance of studying business studies in people's daily life.
5. Baraka is a secondary school student; he needs to buy a laptop for his school activities. At the same time, he would like to buy a bicycle. However, he doesn't have enough money to buy both. If you were Baraka, what would you consider to make right choice? Why?
6. Your neighbor wants to open a grocery. With reasons advise him on categories of goods he can sell.
7. Shukuru works in beverage industry and earns TZS 150,000/= per month. Her father retired from work and decided to give her TZS 4,000,000/= to start a business of selling school shoes and quit the beverage industry.
   (a) What is opportunity cost of Shukuru's decision to start a business?
   (b) Will shukuru's business meet consumers' needs or consumer's wants? Explain your answer.

   ACTIVITY 1.
   Goods that are commonly consumed by students were identified, then:
   (a) Group them according to different categories of goods.
   (b) What have you learnt from this activity?

   ACTIVITY 2.
   Pay a visit to the local community, speak to different people and observe the surroundings.

   (a) What are some common needs and wants in the community?
   (b) Reflects the needs and wants in the community that can become a business.
   (c) Based on the knowledge acquired on business, choose any business which you may wish to establish with consideration of needs of your community.
8. Makame is a new form one student who is ambitious to become a business person. Explain to Makame how business studies will help him achieve that goal.
9. Business studies is a combination of various fields of study. Justify the statement.
10. Mr. Razaq is a self-employed person who is very much enjoying his work.Explain Four (4) benefits which Mr. Razaq obtain from being self- employed.
11. In Tanzania, we have large number of warehouses. Give five (5) reasons toexplain why should people store their goods in those warehouses instead of keeping them in their home place?
12. Use six points to Elaborate qualities of a successful entrepreneur.

13. Explain six roles of advertisement in modern market.
14. a) What is cost-based pricing method?

    b) Mussa wants to use cost-based pricing method to fix the price of Vitenge. **Costs:** FabriqueTZS8000/=, LabourTZS3000/=, overheadcostsTZS1000/=
    desired profit margin 40%.
    Required: using cost-based pricing method; calculate the selling price of vitenge.

15. Use six points to Elaborate the importance of registering business in Tanzania

16. Juma wants to apply for job as a warehousing manager in Kigoma region but he is not aware about the ways he can use to manage warehouse. As an expert in warehousing matters educate him six ways, he can use to manage warehouse effectively

17. Describe three (3) challenges facing Solepropriatorship type of business and suggest possible three (3) ways to overcome the challenges.
18. Amani wants to advertise his products through a well sponsored media. Suggest to him five factors he has to consider before he chose the appropriate advertising media.

19. Analyze the significance of business plan. Use six points

20. Explain the ways an entrepreneur can use to manage small sized business. Use six points.

BAOBAB SECONDARY SCHOOL
FORM THREE HOLIDAY PACKAGE
MOTOR VEHICLE MECHANICS

SECTION A – SHORT EXPLAINATION

1. What is the difference between petrol and diesel engine?
2. What is the function of fuel filter?
3. What is the danger of smoking near fuel tank?
4. Perform Daily Inspection, explain what you are going to do?
5. State FOUR safety precautions to observe when working under a vehicle raised on a jack.
6. Explain the difference between petrol engine and diesel engine in terms of (i) Ignition (ii) Fuel system (iii) Compression ratio.
7. List FOUR components of a cooling system and state function of each.
8. A vehicle has tyre size 195/65 R15. Explain what each number means: 195, 65, R, 15.
9. Mention FOUR causes of engine overheating and state remedy for each.
10. Draw a well labelled diagram of a lead-acid battery and label: Positive plate, Negative plate, Separator, Electrolyte, Terminal.
11. Explain the function of the following in a braking system:
    (i) Master cylinder
    (ii) Brake booster (Servo)
    (iii) Brake pads
    (iv) ABS sensor
12. State the procedure for checking engine oil level and changing engine oil in 5 steps.
13. What is wheel alignment? Mention THREE angles in wheel alignment and their effect if wrong.
14. List FIVE tools used in lathe machine operations and state their use.
15. Define General Vehicle Service in your own words.
16. List FIVE items that are checked / replaced during general vehicle service.
17. State FOUR safety precautions to observe when carrying out general vehicle service.
18. Explain the procedure for checking and topping up engine oil in 5 steps.
19. Why is it important to change engine oil and oil filter together? Give TWO reasons.
20. Mention THREE types of fluids checked during service and state the correct level for each.

SECTION B:

PRACTICAL / CALCULATION / DIAGNOSIS - COMPETENCE

21. Engine Calculation: A 4-cylinder engine has bore 80mm, stroke 90mm. Calculate:

a) Swept volume of one cylinder

b) Total engine capacity (cc)

Formula: V=π4×D2×LV = \frac{\pi}{4} \times D^2 \times LV=4π×D2×L

22. A car comes to your garage with these symptoms: Hard starting in morning, black smoke from exhaust, high fuel consumption. Diagnose the problem and suggest TWO possible causes of the problem.

23. Diagnosis: When you press clutch pedal, you hear a squeaking noise and gear is hard to engage. What are TWO possible faults? How would you repair? Analyze the steps to follow when repairing the vehicle.

24. Electrical: A battery reads 12.6V when engine off and 13.8V when engine running. Is charging system working? Explain why. What would you do if it reads 12.0V when running?

25. Practical Task: You are told to perform facing and straight turning on a lathe to reduce Ø25mm to Ø23mm for 40mm length. Write steps you will follow in order (at least 6 steps).

26. Transmission: Explain the difference between Manual gearbox and Automatic gearbox - Give TWO advantages of each.

27. Suspension: A customer says "My car bounces too much and makes knocking noise on rough road." Name TWO components likely worn and explain how you would test them.

28. Service: Write a Routine Service Checklist for a Toyota Corolla coming for 10,000km service. List 8 items you will check/replace.

29. Steering: Explain why a vehicle with power steering fluid low becomes hard to steer and makes whining noise. What is your advice to customer? Who meets with this problem in his/her vehicle.

30. Entrepreneurship / Competence: You have opened a small garage in Bunju. A customer brings a motorbike with no spark. Outline your diagnostic procedure from simple to complex to find the fault and how you will charge the customer fairly.

31. The use of hydraulic and Pneumatic becomes widely in recently as professional Compare hydraulic and pneumatic system in a vehicle and provide at least four advantages per each.

NOTE; THERE WILL BE TEST AFTER OPENING THE SCHOOL; GET READY KEEP ON STUDYING