



**KINGCOLLINS SECONDARY SCHOOL**

**ACADEMIC AND QUALITY ASSURANCE DEPARTMENT**

**FORM TWO WEEK FIVE HOME PACKAGE**

**Time: 27<sup>th</sup> April – 1<sup>st</sup> May 2020**

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1. Answer **ALL** questions in this paper.
2. All workings should be written in the respective subject exercise book.
3. Any need for consultation use the following phone numbers for teachers.

- i. Sir Yohana 0769962485
- ii. Sir Zabron 0757057265/0621912238
- iii. Sir Msigala 0769622985/0684716417
- iv. Sir Lupembela 0684874330/0757219175
- v. Sir Lwaka 0752787754
- vi. Sir Tumain 0766598767
- vii. Sir Nicolaus 0768078981/0625609368
- viii. Sir Elikana 0767033979
- ix. Sir Martine 0759053233
- x. Sir Mbena 0658228822
- xi. Md. Leilah 0787438305
- xii. Sir Kdibuka 0693113996

## HISTORY

1. One of the motives of Oman Arabs in East Africa was to stop the spread of Christianity. Discuss why Sultan Seyyid Said shifted his capital from Muscat Oman to Zanzibar. (Six points).
2. Dutch farmers called themselves “BOERS” when they settled at the Cape. They developed a language known as Afrikaans after they have named themselves Afrikaners. Discuss six reasons for the Dutch settlement at the Cape.
3. The Portuguese became interested in controlling the Indian Ocean trade in the 15<sup>th</sup> century due to the commercial capitalism in Europe. What were the motives of the contact between Africa and the Portuguese? (Six points).
4. The early contact of Africans with the Middle East and Far East was facilitated with the use of sea vessels with the help of monsoon winds. Analyze social-economic impacts of the early contact between Africa and the middle and Far East. (Six points).

## COMMERCE

1. Gift is a newly enrolled student at KC secondary school, in her first day in the class as a form one student, she requested you to tell her as to why she should study the commerce subject. What will you comment on her concern?
2. Shimbi is a small businessman who is engaging in self-employment. List down any five (5) risks those are likely to face by Shimbi for being self-employed.
3. The fixed and variable costs of producing 100 units of output are Tsh 80,000 and 120,000 respectively. Calculate:  
(a) Total cost. (b) Average costs (c) Average variable costs (d) Average fixed costs
4. Copy and complete the following table

Q	TC	VC	AC	AFC	AVC	FC
500			400			80,000
		40,000		100	200	
	100,000			300		60,000
200			200			

## BIOLOGY

1. With reason explain why in scientific laboratory
  - i. We should not drink or eat anything
  - ii. Windows should be large and well ventilated
  - iii. The floor should be rough
  - iv. Why the laboratory should have a fume chamber
2. In order Photosynthesis to take place it needs raw materials, conditions and at the end it gives products
  - i. Mention the raw materials of photosynthesis
  - ii. Mention the condition necessities for photosynthesis
  - iii. Mention the end product of photosynthesis
  - iv. Write the balanced equation of photosynthesis

## BOOK KEEPING

- Write short notes on the following
  - A contra entry in the cash book
  - Account payable
  - Ambit of vote
  - Exchequer account
  - An over draft
- Classify the following into assets, liabilities, capital, expenses and incomes.  
Motor van, bank loan, purchases, sales, cash at bank, carriage, commission received, inventory, wages, motor expenses, insurance, buildings, electricity, trade creditors, debtors and capital of the owner.
- The following information was extracted from the business records of Mboga Enterprise, Ndizi merchant for the month of march 2013

March 2. Sold 500 bunches of bananas at shs 140 each, on credit to Nairobi Ndizi Exporters  
March 2. Sold on credit, 70 bunches of bananas to Bahati Hotel at shs 150 each  
March 3. Sold 1200 bunches of bananas to Kisii Co-operative Group at shs 150 each less 33% trade discount  
March 5. Nairobi Ndizi Exporters returned 55 bunches of bananas worth shs 140 each sold to them on credit on 2<sup>nd</sup> march.  
March 7. Kisii Co-operative Group returned 300 undersize bunches of bananas which they had bought on credit for shs 150 each, less 33% discount  
March 10. Sold 600 bunches of bananas at shs 145 each to Lodwar Town Market, receiving half the amount in cash

### Prepare:

- Sales journal
- Return in wards journal
- Sales ledger
- General ledger

- The position of Sondu Traders on 1<sup>st</sup> July 2004 was as follows:

Cash in hand shs 108,920  
Bank overdraft shs 55,200  
The following transactions were recorded during the month of July.  
July 1. Cash sales Shs. 126,000, paid wages Shs. 8,730 cash  
July 5. Lodged Shs. 45,000 cash in bank.  
July 7. Received cheque from Otieno Onyongo Shs. 21,375 in full settlement of his account of Shs. 22,500  
July 8. Paid rent Shs. 28,800 by cheque.  
July 17. Paid Amina Shs. 26,325 in full settlement of account after having deducted 2.5 cash discount.  
July 28. Paid Oti Shs. 21,600 by cheque.  
July 30. Paid electricity Shs. 5,400; sundry expenses Shs. 12,600 in cash.  
July 31. Withdrew Shs. 9,000 from bank for office use

### Required:

Write up the cash book ledger of Sondu Traders for the month of July 2004, carrying the balance forward.

## **GEOGRAPHY**

1. Solar energy is chief source of energy for life. Show how solar energy emancipated African women.
2. Explain the contribution of tourism in Tanzania. ( Give six points)
3. (a) Outline four ways of determining direction of a place on a map  
(b) List four features of the Representative Fraction (RF) scale.  
(c) Suggest two ways of measuring areas with irregular shapes.

## **KISWAHILI**

1. Wewe ni Zawadi Hatibu na sanduku lako la barua ni 1653 Dodoma. hivi sasa unaumwa na umelazwa katika hospitali ya mjini Dodoma. Andika simu isiyozidi maneno kumi ukimjulisha dada yako Suma Mbakire wa sanduku la posta 304 Tanga, jinsi hali yako inavyoendelea.
2. Bainisha vivumishi katika sentensi zifuatazo kwa kupigia mstari kisha utaje ni aina gani ya kivumishi.
  - i. Wanafunzi wachache walipasua matuta.
  - ii. Jina lake lilitajwa sana
  - iii. Mtoto mzuri anakunywa uji.
  - iv. Mtumishi amevunja sahani yangu
  - v. Samba mdogo alipita hapa.
3. Taja vipenegele vinne vinavyounda maudhui ya fasihi simulizi
4. Fasihi simulizi inapowasilishwa inabidi mambo manne ya wepo nayo ni.....
5. Taja njia nne zinazotumika kuhifadhi fasihi simulizi, kisha onesha faida na hasara tatu kwa kila njia
6. Eleza maana ya methali zifuatazo
  - i. Asifiaye mvua imemnyea
  - ii. Mchumia juani hulia kimvulini
  - iii. Pema usijapo pema ukipema si pema tena
  - iv. Mwenda pole hajikwai

## **ENGLISH LANGUAGE**

1. Change the following sentences into negative form.
  - i. I work very hard.
  - ii. Aisha loves Christina
  - iii. We saw the boy whose mother is our Kiswahili subject teacher.
  - iv. Do you understand?
  - v. I have been around for a while.

2. Re-write the following sentences by changing the verbs in the brackets into their correct forms.
  - i. Wild animals (live) ..... in forests.
  - ii. Pregnant women are not (allow)..... to drink alcohol.
  - iii. Jane will be (visit) ..... you.
  - iv. I'm (do) ..... this for you.
  - v. Jamila got (divorce) .....

## PHYSICS

1. (a). What is the meaning of
  - (i) Density
  - (ii) Relative density(b). A piece of Copper metal of volume  $5.1 \text{ cm}^3$  has a mass of 41.6g. Calculate the relative density of copper and its density.
2. (a). Physics – Is at the heart of everything’’ Explain this statement  
(b). Give four (4) reasons why do we study physics?
3. (a). What do you understand by the following terms;
  - (i). First Aid
  - (ii). First Aid kit(b). (i). Outline four (4) importance of First Aid  
(ii). Mention any fair items which can be used in First Aid
4. (a). State the SI Unit of;
  - (i) Mass
  - (ii) Density
  - (iii) Volume(b) A rectangular metal rock measuring 8cm x 5cm x 2cm has a mass of 880g. What will be the mass of a block of the metal measuring 6cm x 4cm x 1cm?
5. (a). (i) What is the “Laboratory’’  
(ii). Mention at least four (4) safety rules in physics laboratory.  
(b). Draw the following Warning sign
  - (i). Harmful
  - (ii) Flammable

## CHEMISTRY

1. State the modern Daltons atomic theory.
2. Mention three sub atomic particles.
3. Atom K has 20electrons and 20protons and 40 atomic mass number.

- i. Calculate the number of neutrons
  - ii. Calculate the atomic number
  - iii. Write the electronic configuration of the element K
  - iv. Write the nuclide notation of the atom K
4. Mention four characteristics of a good fuel.
  5. Explain why water is said to be a compound and not a mixture.
  6. Draw a well labelled diagram of laboratory preparation of hydrogen gas.

### BASIC MATHEMATICS

1. (a) Calculate the sum of the GCF and LCM of 42, 45, 50.
2. (a) Convert (a) 256800 cm into km  
(b) 0.125 into percentage
3. (a) Round off (a) 260743 to the nearest thousand  
(b) 0.04261 to three decimal places
4. If  $\log 2 = 0.30103$  and  $\log 3 = 0.47712$ , evaluate  $\log 48$ .
5. A piece of copper wire which is 56 cm long is bent to form a rectangle of area  $171\text{cm}^2$ . Find the length and the width of this rectangle.
6. (a) Factorize the expression  $3x^2 + 7x - 6$   
(b)  $(10003)^2 - (9997)^2$
7. Express  $\frac{2-\sqrt{5}}{3+\sqrt{5}}$  in the form of  $a + b\sqrt{c}$
8. Find the difference between x and 80% of x, if  $x = 950$ .
9. Given that,  $(a + \frac{1}{a}) = 14$  find the value of  $a^2 + \frac{1}{a^2}$
10. Make A the subject of the formula  $D = \frac{A-B}{A} - \frac{B}{CA}$
11. If  $4\tan B = 3$  and B is an acute angle, find the values of  
(a)  $\cos B$   
(b)  $4 \tan B + 5 \sin B$
12. Three angles of a triangle are marked  $2x$ ,  $x + 20^\circ$ , and  $x - 40^\circ$ , find the values of x.
13. John is six years older than Paul. If their ages add up to 30 years, find Paul's age.
14. A straight line passes through two points  $A(-3, 6)$  and  $B(-6, 3)$ . Find the gradient of the line AB.
15. The following table shows marks scored by Form Two students in a Mathematics test at Jitahidi Secondary School.

Marks%	40	45	50	55	60	65	70
Number of students	6	8	13	5	9	4	5

- (a) What was the lowest mark?
- (b) What mark was scored by the most students?
- (c) If 50% was the pass mark, how many students passed the test?
- (d) What was the percentage of the students who scored at least 50 percent?

## **CIVICS**

1. You are a responsible citizen. Address to the people on how to solve the problem of Covid - 19 basing on the problem solving technique.
2. How is the local government important to you as a civilian? Give six points.
3. How is the union of Tanganyika and Zanzibar important to us as Tanzanians? Six points.
4. Differentiate between the following terms;
  - a) Gender equity and gender equality
  - b) Gender stereotype and gender gap