THE KENYA NATIONAL EXAMINATINOS COUNCIL

The Kenya Certificate of Secondary Education

Paper 2

MARKING SCHEME (CONFIDENTIAL)

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SECTION A

ANSWER ALL QUESTIONS

1	,	
1. (a)	Name two rivers that supply water to Mwea-Tebere irrigation scheme.	1011
This Viet	- River Thiba	10015
- William Co		Q2.
Makabaya		000
- Na	- River Murubara	1112
	Any 2 x 1 =	2 marks
(b)	State how government policy influenced the establishment of Mwea-	2 marks
in the said	Tebere irrigation scheme.	
dilac labor	- There was need to keep detainees busy.	
Indes	- For people to provide free labour.	2 2
Joseph)	- There was need to settle landless people.	
Lord Julend	The need to control flood &	03
lock sof & level	The need to control flood of rivers that pass through the area.	^ _
buy. With	- For max to sood production	J.
Mer	The second of th	1
2 (a)	Define the term Fisheries.	3 marks 05
	- Fisheries are water bodies where exploitation of acquatic	
	organisms/life is carried out.	76.18
F 97	Salar is carried out.	02
		2 marks
(b)	Name three countries in Southren Africa that are important for marine	2 marks
/	harvesting.	e
· in VI	A LOU LE DIEKT ALT TV. Trakings vicery voluments	2
Maria	- South Africa	- 0
1 hichard	- Namimbia	03
No de	- Angola.	
me (1	Tingola.	
	Anu 2 - 1 -	. 65
	Any 3 x 1 =	3 marks 05

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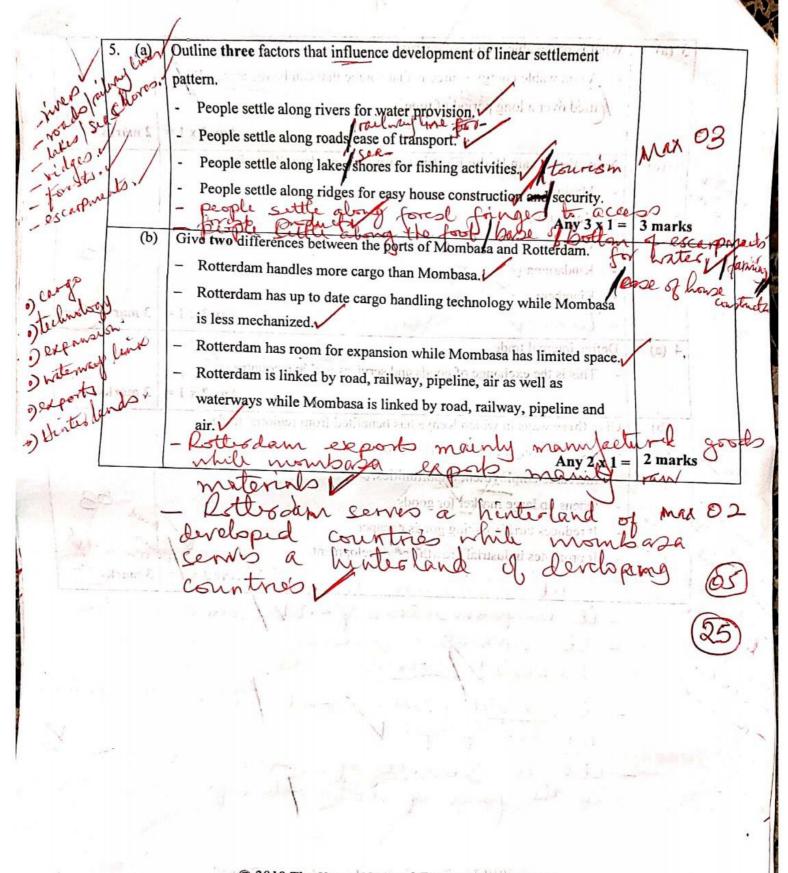
The marking cheme consists of 16 proceed pages.

What is renewable source of energy? 3 (a) A renewable energy source is that source that can be regenerated and the plen used over a long period of time.) Any $2 \times 1 =$ 2 marks Name three main Hydro Electric power stations along River Tana. (b) Per ple settle alone fillges for each bounk ungs Masinga Kamburu , Gitaru, Kindaruma V - Rogerdam handles mure cargo illum Kiambere, Robert am has up to date earge bandha Any 3 x 1 = 3 marks O 4 (a) Define internal trade This is the exchange of goods and services within a country. 02 Any 2 x 1 = 2 marks Give three ways in which Kenya has benefited from regional trade. It earns foreign exchange from exports. Increases employment opportunities. Opens up large market for goods. It reduces tariffs making goods cheaper. It promotes industrial growth and development.

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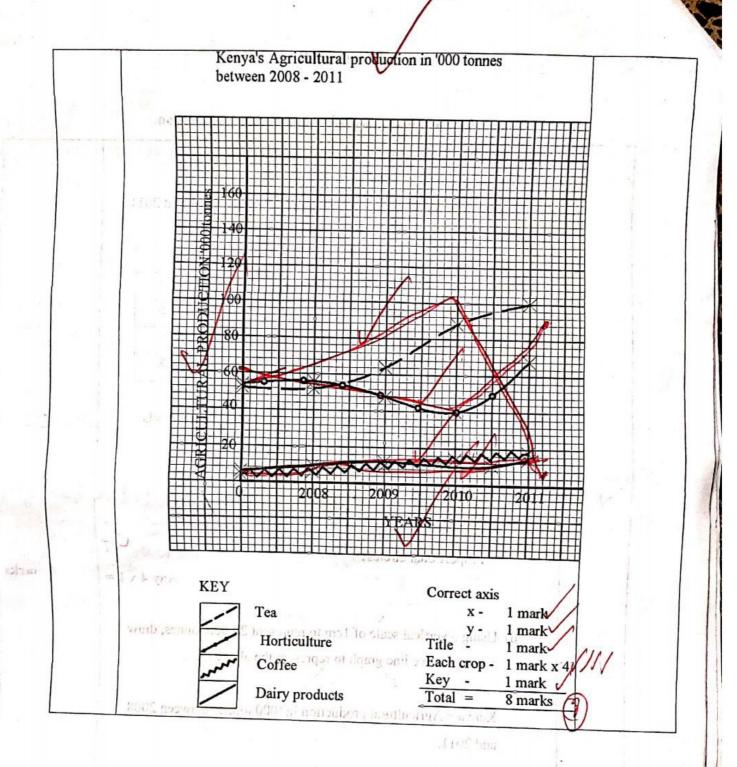
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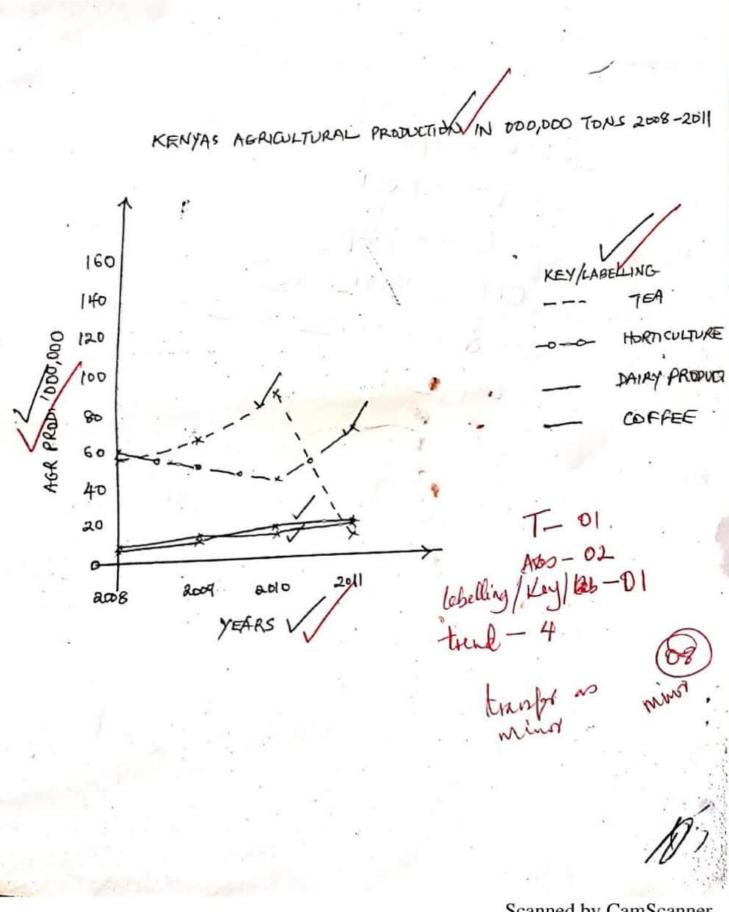


SECTION B

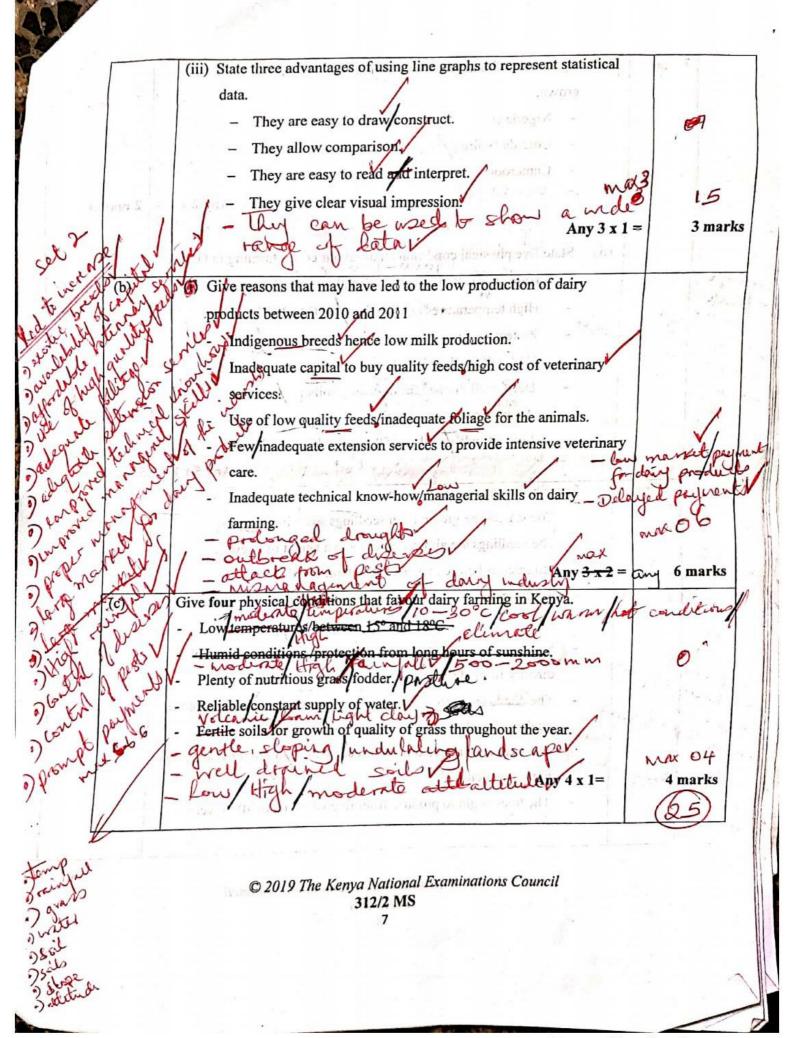
Answer question 6 and two other questions in this section.

	Us	e the table below to	answer the	following	questions.		1	
					I have		224	
	Ke	nya's agricultural pr	oduction i	n '000 tonn	es between ?	2008 and 2	011.	
	1-							
		ITEMS/ YEARS	2008	2009	2010	2011	7	
		Horticulture	57,965	49,352	40,170	68,123	7	
1		Tea	55,383	64,684	87,960	100,45		
		Coffee	6,859	9,563	15,449	17,826		
		Dairy products	8,368	11,496	11,346	15,548		
			- Line		1		١ ١	
		management and the company of the co	vided circl	ent the above		cumilo	twe b	ar grap
		The second secon	vided circle ve bar graph stangle	es		cumilo	01	
		ComparativeDivided rec	vided circle ve bar graph stangle	es			04	
		- Comparativ	vided circle ve bar grand stangle	es Nompound	bar graph	Any 4	04 x 1 =	ar grap
		Comparative Divided recompositions Proportions (ii) Using a vertice	vided circle ve bar graph tangle ve tangle ve all circles all scale of	es \Compound	bar graph	Any 4	04 x 1 =	
		- Comparativ	vided circle ve bar graph tangle ve tangle ve all circles all scale of	es \Compound	bar graph	Any 4	04 x 1 =	
		- Comparative - Divided recompositions - Proportions (ii) Using a vertice a comparative	vided circle tangle al circles al scale of line graph	1cm to represent	esent 20,000 the above of	Any 4 tonnes, dra	04 x 1 =	
		Comparative Divided recompositions Proportions (ii) Using a vertice	vided circle tangle al circles al scale of line graph	1cm to represent	esent 20,000 the above of	Any 4 tonnes, dra	04 x 1 =	
		- Comparative - Divided recompositions - Proportions (ii) Using a vertice a comparative	vided circle tangle al circles al scale of line graph	1cm to represent	esent 20,000 the above of	Any 4 tonnes, dra	04 x 1 =	
		- Comparative - Divided recompositions - Proportions (ii) Using a vertice a comparative Kenya's Agric	vided circle tangle al circles al scale of line graph	1cm to represent	esent 20,000 the above of	Any 4 tonnes, dra	04 x 1 =	
		- Comparative - Divided recompositions - Proportions (ii) Using a vertice a comparative Kenya's Agric	vided circle tangle al circles al scale of line graph	1cm to represent	esent 20,000 the above of	Any 4 tonnes, dra	04 x 1 =	
		- Comparative - Divided recompositions - Proportions (ii) Using a vertice a comparative Kenya's Agric	vided circle tangle al circles al scale of line graph	1cm to represent	esent 20,000 the above of	Any 4 tonnes, dra	04 x 1 =	





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7. (a)	(i) Apart from Ghana, name two countries in Africa where coose is
	I Africa where cocoa is
	grown Siera lisner
	- Nigeria / 19 mare / mare Bening
	- Cote-de Ivoire Ivon coast - Ugardar
	- Cameroon - Lavander
	- Togo / Any 2 x 1 = 2 marks
The Last V	(ii) State five physical conditions that form
- rangel	and Colors that favour occoa farming in Ghana.
Lank V	mgn — wen distributed rainfall of 1300-1500mm.
R Rumidy bom	High temperatures ranging from 21°C to 30°C. mann tot conditions
R. and I have	Protection from strong winds that blow away pods.
- Cury January	High relative humidity. 70 – 80%
. Iste ante	Deep well drained fortile loamy soils. I volcanic flight claps could be a sunny period for ripening.
- protection to for	- Low altitude of below 750 metres above see level had 05
	- thankscape in is a first
(b) (i) () Jillal R.
dearen	- CUCUA ITEPS are aroun trons to a 11'
-playle dugy	- The seedlings are allowed to grow to a height of a few 28-30 cm
	centimetres before they are transplanted to the field
rows 5"	- Seedlings are planted in rows, three metres apart in cleared forest
auge or	zones,
	- Some cocoa trees are grown from cuttings, which are placed
	directly from cleared forest.
- manarid	- The plants are weeded occasionally and manured to improve the
- somethat sys	quanty of the bean and prolong life of the tree.
- I low on	The trees are protected from insects pests and fine it.
- hope and your	with insecticides. Jungicules
- Tellow horrestings	- The trees begin to produce from five years, up to 30-40 years.

The second	The cocoa pods grow on the trunk and the main branches of	`a
	tree.	
	- They become yellowish orange when ripe, there is no set tin	
- V	ripening. Both flowering and ripening can take place at the	same
	period.	
	- There are two main harvesting periods. That is between	
	September and February and between May and August.	
1 7	- The crop is harvested manually using long sharp knives.	100
1 cool of	Any 6	x 1 = 6 marks
Bever dus Jection (i) We three uses of cocoa.	in the production of
- asking a cham the	- It is used as a beverage.	Brandy
Sweets Just	- It is used to manufacture cosmetics.	Liserov
- anivada into	- It is used in baking confectionary.	in mulchings
Selver Brown	- It is used to make sweets ice/cream flavourings	103 09
- de la	- it is wild so a soft drink of Any 3x	1= 3 marks
- lexthruly (c) (i	i) Explain three human problems faced by cooks farming in Gha	na. Pad
	At times cocoa farmers are demoralized because they do no	ot 10
L'a degra	get good price for their beans due to world price fluctuation	st
Onze the take down	During the rainy seasons, the feeder roads become impassa	ble
11	leading to difficulties in delivering the crop!	
Low phow supply	The trees are attacked by pests and diseases which destroy	the
boy labor servery	trees, e.g. black pod and swollen shoot.	
speciment Jan 191	The low prices cannot sustain the farmers hence there has b	een He lemp
Show habour from	a slow drift into better paying jobs in industries discour	agos the farms
) empleter July (Cocoa growing requires abundant labour throughout the ye	ar.
) court cus for be of	This is not always available especially during harvesting w	eason incress
	cost of productionile	- 1 1 1 1
2 hout of -	The poor management of the farms and	2 = 6 marks
210	the limited stronge faither Plands to	wastracove
1	spoilage of cocoa,	10
-	Compitation for land from other crops of the	eado to sou
No. ali 💴	produ C 2019 The Kenya National Examinations Council	on quelity 1
7 7 7	escara graduction Ve	to and sket V
- 0	impetation from other	4
- 4	tech cost of input / lower of coal	reduce (.
	profit margini	> 6 max 6
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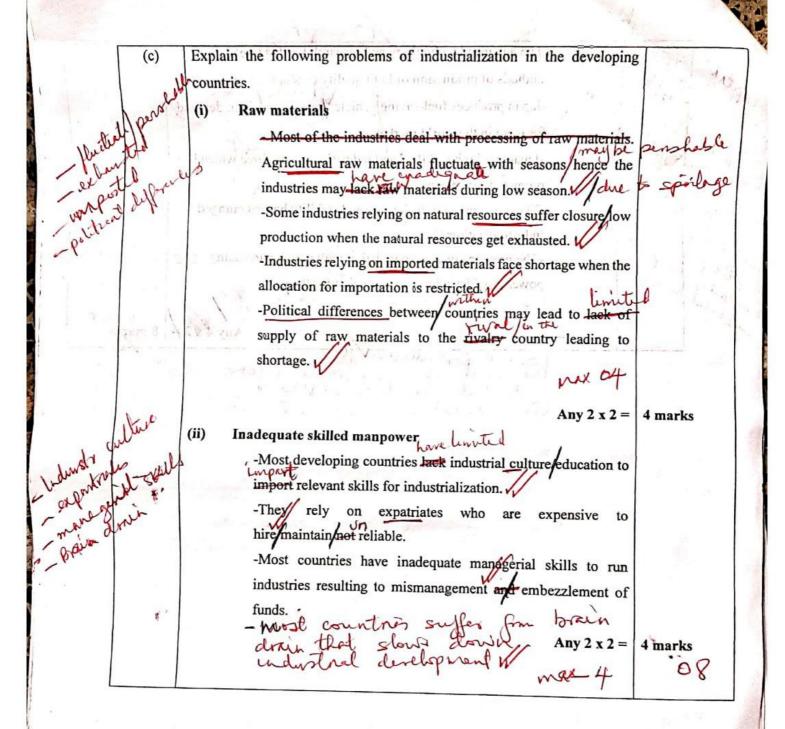
CITE - Consenter of introduced (ii) Give ways in which cocoa farming has benefited the government of Ghana. Cocoa is sold to earn foreign exchange. It provides employment to the people. It has promoted industrialization, e.g. beverage industries. It has boosted trade by increasing Ghana's exports. It has led to development, of infrastructure Use the map of Kenya below to answer question (a) (a) Name the game reserve marked X 1 mark (ii) Name the marine reserve marked Y 0/ 1 mark 03 . -Malindi/Watamu Marine Reserve (iii) Name the national park marked -Amboseli National Park 1 mark (i) -Apart from establishing national parks, state four ways in which the government of Kenya conserves wildlife - Setting up the Kenya wildlife service which conserve wildlife. only game the circle - Creating the Ministry of Tourism to coordinate management contalling, ligistrum Banning game hunting trade in wildlife products. - It has created public awareness of wildlife conservation through media wildlife clubs conservation education centres. It has established Kenya rangeland ecological monitoring als communities to set up 2019 The Kenya National Examinations Coungil orphanoges / gazetting

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4.0	(ii) State five factors influencing the distribution of wildlife in East	Fig
	Africa.	
Dr.	- Different climates will influence varied wildlife.	
800	-Varied relief will influence different types of wildlife.	1
area of it	-Different types of soils influence varied vegetation wild animals.	1
21,	- Drainage supports a wide variety of plants and animals.	
C. 18. 33	-Human activities are largely responsible for survival and	
18 1 - 19	distribution of wildlife was	09
Jun of the	- Different types of vegetation after habital for different animals	01
more par	- piccis of the get.	
20 5000		5 marks
New State	New Art Contract to the contract will be seen	JIIIAI KS
(c)	Outline ways in which the wild animals are of significance to the	
8	economy of Kenya.	
Comes	- They earn the country foreign exchange from tourism.	
94 2 1	- It provides employment to the people the national parks and tourists	Con Kindows
25.00	i cace il attracts fourists from any ountry in the work slated	
Rich ad 130	- They provide game meat food for local consumption and export.	
ob State	- National parks/game reserves are used for scientific studies and	-0-
1	research.	MUX OT
Bray Bur	- Wild animals provide provide a healthy ecosystem in Kenya	al balance.
Star De (Jon -	- They earn the government revenue	ri)
We the to the last	Some animals provide raw materials for industries.	
July July	- The conservation of wild animals stimulates development of	
Table 1	roads increased accessibility in some otherwise remote areas.	
o will	- Wild animals help provide alternative land use in semi-arid areas not	
every to be hand we	Wisuitable for agriculture.	
	unsuitable oraque de chi banuoval evad de lev energe ramma niel malque . (fi)	
2	oragona so sait komovai svaa il. va ene dei paravasimenta a Any 7x1=	7 marks
Lie	and the state of t	
1 1	neglect was sit in the second contract publication and second contract and second cont	
		- 39

(d)	Discuss the factors that favour tourism in Switzerland under the following	ng
	subheadings.	7 100
	(i) Central location / pensulini libu estantis imperiod	74.
	Switzerland is centrally located within Europe which makes her	A. A.
	accessible to other European countries who form a bulk of her	1 1800
	international tourists	2 marks
1	bus leverus set setting general against a level a macanit	2 marks
	(ii) - Climate	1
	It has a double season of winters and summers that attract tourists	
	all year round.	1 7
ula um e , e	The sunny summer conditions favour mountaineering while the	
	winters are suitable for winter sports.	2 marks
	(iii) Political neutrality	
	Switzerland is not aligned to any political conflicts in the world.	
	This removes any restrictions to the country as a tourist destination	
	hence it attracts tourists from any country in the world.	06
	- They provide came meat/foud for local continuous and report	2 marks
9. (a)	What is an industry? The TOI DOED ON SOUTHER STORY INCOME.	(023)
1	- Industry is an enterprise that enables the production of goods and	02
in the	services for consumption and sale.	2 marks
(b)	(i) Name two car manufacturing zones in Japan.	
F .	-Tokyo - Yokohama	
	-Osaka - Kobe - Kyotov Blivila 1002	
	-Nagova	
	Any 2 x 1 =	2 marks
	and the second section	
	(ii) Explain four human factors which have favoured the development	200 .
To Part To	of car manufacturing industry in Japan.	1
	- The country has adequate capital to invest in the car industry.	
= 1		1

-The advanced technology and research has red to efficient methods of production of high quality ars at minimum -Japan produces fuel-saving vehicles leading to a high demand for them in the world market. -Japan has highly skilled and industrious work force which has promoted massive production of quality vehicles -The government policy peace and stability has encouraged industrialization 10 -The presence of large population with a high purchasing 08 power provides a large local market for the cars unport relevant skills for industrial carrion at -Most councils have inadequate managerial skills industries resulting a more enegoment



	1 miles
for a field study in one	S. Carster &
Outline ways in which your class would prepare for a field study in one	1 groups
of the industries in your country.	nethod 9
of the industries in your country. Making a reconnaissance. Making a reconnaissance.	
of the industries in your country. Making a reconnaissance. Making a reconnaissance authorities for authorities of authorities of authorities. Getting permission from the school authorities of authorities of authorities of authorities.	donta recording
Cotting permission	data recording
Organization .	5-1
Identifying and assembling tools tems to carry Making a work schedule. Interview questions.	3000
Making a Work School and questions.	the Letter of
Preparing a questionnaire	05
- Identifying the industry	
Reading on the topic.	
Any 5 x 1 =	5 marks
- formitation of south or top of	
what is communication? (i) What is communication?	2 marks
Communication is the process of	13 11 7 1
between two or more persons.	(b)
between two or more persons.	
(ii) Name four types of mass communication. A mi more sommunication.	
-Radio Anguity Thorses House House	
D - I Clovisia	06
-Internet -Newspapers/magazines -Newspapers/magazines -Newspapers/magazines -Newspapers/magazines -Newspapers/magazines -Newspapers/magazines	State of Sta
Newspapers/magazines -Newspapers/magazines -Newspapers/magazines -Newspapers/magazines - Ranver/Poster Any 4 x 1 =	4 marks
News 1 b	
(b) Explain the role of communication in the economic development of	
Africa. - Communication enhances trade in that traders are able to	
- Communication enhances trade in a communication enhances trade in a communication enhances trade in a communication sector leading to	
le are employed in the committee	
- Many people are employ improvement in their standards of living. improvement in their standards of living.	2
The second of th	
leading to gain in foreign exchange	
70 1 1 1 7	
disemunitation Flo. 2019 The Kenya National Examinations Council 312/2 MS 15	
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disente relative from 515	
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	1 0 0

(4)		1
	- Governments are able to disseminate information through the media	The state of the s
1.00	(e.g. information related to environmental conservation/educational	/
71 800	programmes) for suitable commy responsed	e
-	- Communication promotes international relations which enhances	R4 24
27	trade between Africa and other countries, militarial state	LIVE 08
	$A \cap A = \{0\}$	marks
bs. til my licery	State five problems facing communication in Africa wa parent	at tigistation
themes	- Inefficient communication systems,	A for A of all all and a large and a
broth ber	- Inadequate capital to install communication equipment. La Lauring - Language barriers due to diverse ethnic backgrounds. High	11/10
	- Language barriers due to diverse ethnic backgrounds High	my charges.
head though	- Inadequate communication facilities.	nd or
Navadas 1	Vandalism of communication equipment.	100
	- Destruction of communication facilities in some African countries	en, dif
wared the first	due to civil wars terrorism.	16.1
		5 marks
ber from how	Explain three efforts being made to solve the problems facing	
	communication in Africa.	
liberalization labor	Explain three efforts being made to solve the problems facing communication in Africa. Liberalization of communication sector, leading to modernization of the communication systems. Establishment of trading blocs which have created favourable	,
11 alelali John	Establishment of trading blocs which have created favourable	16/31 4/2
libration level	we conditions for improving communication between member states.	43.4
Wireles better	- Installing wireless telephones (instead of copper wires) which are	prone
liberalis they	usually vandalized.	
West med	Regional development initiatives are been undertaken to improve	1 7
Mary Mary	information and communication technology in the continent,	5-3
King Marin	- Many African countries have established satellites facilities	6-3
Level Work	radio television boosters in order to improve communication.	mab
Entre pro Jagh	Many African countries are adopting international languages such as	A THE
	French and English in order to reduce language barriers.	on modern
tents all	Any 3 x 2 =	6 marks
14	stability this Enhancing disclipment ve	A 1.
	- appropriate Kenya National Evaluinations Councileurs you	t in place
	- encouraging entre properties to inve	st in
	the communicativity	otion !
	- lowerdallive	1
	0',	J. J.
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