	Province/city	PUPIL'S COMPLETE INDEX NUMBER District Sector School Pupil PUPIL'S FULL NAME	
	Othernames:		
		TION A: Attempt all questions. (50 marks) two examples of agricultural tools.	
	What is the di	fference between a "Spirit level" and a "Plumb line"?	
	Explain one use of a flash disk.		
	-		
	How would voi	reduce friction in a machine and other bodies?	
i	How would you	u reduce friction in a machine and other bodies?	
		u reduce friction in a machine and other bodies? Inication important to people?	
	How is commu	inication important to people?	
		inication important to people?	
	How is commu Complete the t	nication important to people? table below:	
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	How is commu Complete the t Tool Clamp bellow Which two we	table below: Use Cutting metals	
	How is commu Complete the t Tool Clamp bellow Which two we Explain how to	aviant to people? Table below: Use Cutting metals ays can you use to prevent accidents in a mechanic's workshop?	
•	How is commu Complete the t Tool Clamp bellow Which two we Explain how to	anication important to people? Table below: Use Cutting metals ays can you use to prevent accidents in a mechanic's workshop? bys are useful to children.	

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10.		Is below with their corresponding use.			
	Material	Use			
	a) Spatula, hoe handle	i) Learning objects			
	b) Square, cube triangle	ii) Toy objects			
	c) Doll, teddy bear	iii) Utility objects			
11.	List any two materials we use	to make learning objects.			
12.	2. Which techniques would you use when making a basket?				
13.	Explain how a computer is useful in our daily life.				
14.	Match the ICT terms below with their meaning.				
	Terms	Meaning			
a)	Hardware	i) Computer programs			
-	Internet	ii) Physical components of a computer			
c)	Software	iii) Worldwide interconnection			
d)	Application	iv) Instructions written by computer specialist			
15.	Air is a mixture of gases. Give	e any two examples of gases found in air.			
	-	т <u>і</u>			
16.	Give any one chemical substance from industries that destroys the Ozone lay				
17.	In order to send and receive a	in e-mail, both the sender and receiver must have.			
	a) Bank account	b) E-mail account			
	c) Post office	d) E-banking			
18.	Which of the following is the	percentage of Nitrogen in the atmospheric air?			
	a) 78% b) 21% c) 0.1%				
19.	Give any two diseases associ	ated with polluted water.			
20.	Explain the difference betwe	en "Evaporation" and "Condensation".			
21.	Give any two human activitie	es that can cause Global warming.			
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- 22. Give any two types of soil.
- 23. Explain why fertilizers are used in agriculture.
- 24. Why has the government of Rwanda Stopped the use of plastic bags?
- 25. Why is it necessary for all homes to have toilets/latrines?

SECTION B: ATTEMPT ALLQUESTIONS

26. Match the diseases with their symptoms.

Diseases

ii.

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Symptoms

i. Tapeworms

Pneumonia

- a) Difficulty in breathing
- b) Worms might be seen in droppings
- 27. Suggest any two conditions of a good chicken house.

28.	Match each animal with its respiratory organs.			
	Animals	Respiratory organs		
a)	Tilapia	i) Book lungs/trachea		
Ь)	Spider	ii) Gills		
c)	Mosquito	iii) Spiracles		
d)	Man	iv) Lungs		
29.	Why is the government of Rwanda emphasizing that there should be at least one			
	cow per family?			
30.	Name two animals that breathe through spiracles.			
31.	What is the difference between "Photosynthesis and "Transpiration"?			
32.	Match each part of the flower with its function.			
	Parts of a flower	Function		
	a) Petals	i) Contains ovules		
	b) Sepals	ii) Receives pollen grains		
	c) Stigma	iii) Holds stigma in position		
	d) Style	iv) Produces pollen grains		
	e) Ovary	v) Protect young flower		
	f) Anther	vi) Attract pollinators		
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33. Draw the female part of a flower and name its parts.

34. Give the difference between "Pollination" and "Fertilization".

35.

Study the table below and fill in the missing information.

Organ	Sense	Nerve
Eye	sight	
Tongue		Gustatory/ lingual
Ear	Hearing	
	Smell	Olfactory nerve

36. Complete the sentences below with appropriate terms.a) Organs that help us to see, hear, smell, taste, and feel are called?

b) Our body is supported by a framework of bones called?

- 37. Give the difference between "Short-sightedness" and "Long-sightedness".
- 38. Observe the following food substances in the table and give the end products after digestion.

Food substances	End product	
Carbohydrates		
Proteins		
Fats		

39. Give any one important hormone that helps in the growth of the body during adolescence in both boys and girls.

In boys

In girls

40. Mention any three functions of blood in the human body.

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41.	Describe what happer	ns to the ribs and lungs when we breathe in and out.			
42.	2. Suggest two ways of preventing the spread of Sexually Transmitted ((STDs)				
43.	Give the difference be	etween sperm and ovum in terms of their shape and size.			
44.	Match the process in A	A with its meaning in B.			
	Process (A)	Process (B)			
a)	Ovulation	i) Union of sperm and ovum			
	Implantation	ii) Period from fertilization to birth			
c)	Fertilization	iii) The release of ovum by the ovary			
d)	Pregnancy	iv) Attachment of the embryo to the uterus			
45.	State two consequences of early teenager pregnancy.				
46.	Matter can change fro	om one state to another. State any one example to support			
	this statement.				
47.	Give two reasons why	some objects sink in water.			
48.	Give any two propertie	es of liquid.			
49. Give any two uses of electricity in our daily life.		electricity in our daily life.			
50.	An object has a mass o	of 95 g and a volume of 19 cm. Calculate its density.			

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