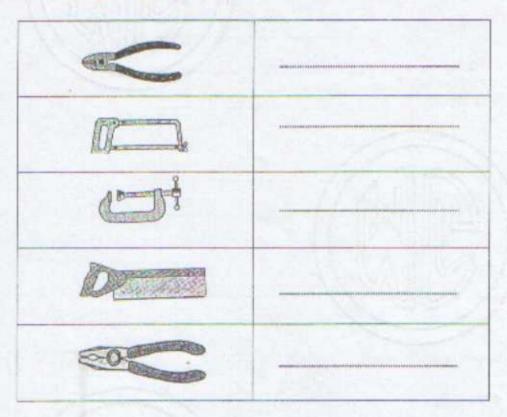
SECONDARY SCHOOL ANNUAL EXAMINATIONS 2004

Educational Assessment Unit - Education Division

FORM 4	TECHNOLOGY EDUCATION	Time: 2 hours
Name:		Class:
. Complete the l	ast two stages of the design process	
	1. Situation	
	2. Brief	
	3. Investigation	
	4. Planning	
	5	
	ified as either NATURAL or MAN MADE.	6 ma
Give two exar	ified as either NATURAL or MAN MADE. nples of each.	
	ified as either NATURAL or MAN MADE. mples of each. URAL:	6 ma
Give two exar (i) NATU	ified as either NATURAL or MAN MADE. mples of each. JRAL: MADE:	6 ma

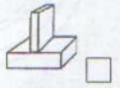
			2000-5	4 mark
7 - 300	Sport Store			
Name the two types of outside work.	glues that are us	sed on wood. One	for inside work and the	other for
and the second s				
(i)				
(ii)	STREET SE			
				4 mark
Control of the last of the las	and the same of	Children et	NAME OF TAXABLE PARTY.	50 Minus VI
. Draw a V mark on the	and the same of	Children et	NAME OF TAXABLE PARTY.	50 Minus VI
Control of the last of the las	and the same of	Children et	ne use of the V mark.	
Control of the last of the las	and the same of	Children et	ne use of the V mark.	50 Miles VI
Control of the last of the las	and the same of	Children et	ne use of the V mark.	ELINE DOWN
. Draw a V mark on the	strips of wood s	hown. Explain th	ne use of the V mark.	TAK HE
. Draw a V mark on the	strips of wood s	hown. Explain th	ne use of the V mark.	WALCON TO SAN
Draw a V mark on the	strips of wood si	hown. Explain the	ne use of the V mark.	WALCON
Draw a V mark on the	strips of wood si	hown. Explain the	ne use of the V mark.	6 mar
. Draw a V mark on the s	strips of wood si	hown. Explain the	ne use of the V mark.	WALCON
Draw a V mark on the	strips of wood si	hown. Explain the	ne use of the V mark.	6 mar
The V mark is dra	strips of wood si	hown. Explain the	ne use of the V mark.	6 mar
The V mark is dra	strips of wood si	hown. Explain the	ne use of the V mark.	6 mar

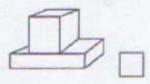
8. Name the hand tools shown below.



10 marks

 Mark with an 'X' in the space provided which is the stronger joint when using the same material and glue.





4 marks

10. State two safety precautions that must be observed when working on an electrical project.

(a) _____

(b)

- (a) Mild steel
- (b) Brass
- (c) Copper
- (d) Cast iron
- (e) Aluminium
- (f) Zinc

12 marks

12. Given the components shown connect the circuit.



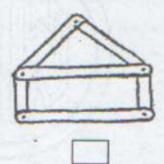


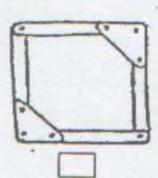


6 marks

13. Which of these structures shown below is the MOST rigid?

Indicate the correct answer by marking an 'X' in the answer box.





(1)			_
(2)	and brought years	CARLY III TO THE	
			2 ma
41	5(4)	annorma la marchilla cayya.	7-15
from levers shown,		been factor bear of since mental	
(i) Which require	s the least effort to lift?	en halp top last your of Peca hij	
(ii) Which require	s the most effort to lift?	was pell allow pe it has fill	
		hock way blude in also wave an	
	1 or female	note and of the left when	
(A)	effort	load	
	(L - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
	1 1	fulcrum	
WAR IN THE	effort	load	
(B)		Francis Charter Sylven spanned /	
	fulcrur	m. Has scaling even enrolled.	
(C)	effort	load	
(0)	*	Control Secret Secretary, A. V.	
	fulcrum		

16. Write whether each of the following statements is True or False.

		True or False
1	A hand file must always be used with a handle.	
2	A file is used to remove metal.	
3	All types of files are of a smooth grade.	
4	The wood worker vice has rough teeth on its jaws.	
5	A tenon saw is used to cut wood.	rate moved moved
6	Mild steel is very seldom used in workshops.	olovi (n. od ove
7	Mild steel is cut with a hacksaw.	May (b)
8	A hack saw blade is also made of mild steel.	
9	Wood can be soft or bard.	
10	Metals cannot be joined by welding.	
11	Mild steel can only be bent when heated up.	
12	A working drawing should only show the dimensions.	1 198
13	A scale of 1:3 means double the size.	
14	Copper is a brown ferrous metal.	
15	An Isometric drawing shows an object in 3-D.	
16	A ferrous metal contains a small amount of iron.	
17	Coniferous trees produce softwoods.	
18	Safety goggles must be worn when working on a drilling machine.	
19	P.V.A. glue can be used to join metals.	
20	To make holes in metals a twist drill is used.	