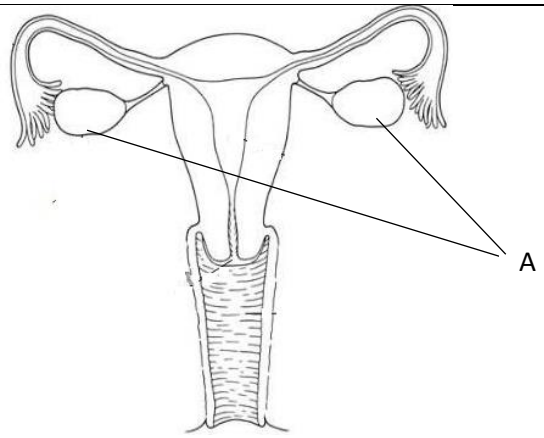
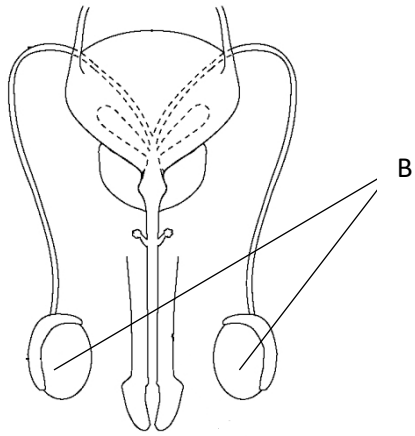
DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

Core Curriculum Programme

Annual Examinations for Secondary Schools 2023

YEAR 11 SCIENCE AND TECHNOLOGY MARKING SCHEME

Item	Award marks for:	Mark
1.		
a.	 *Any ovary*	1
b.	 *Any testicle*	1
c.	Implantation of fertilised egg. *Do not accept multiple answers*	1
		Total: 3 marks

2.

Food type	Importance	
Bread, pasta and cereals		1
	Provide vitamins and fibre	1
	Provides protein and mineral ions for strong bones and teeth	1
Meat and fish		1

Total: 4 marks

3.

Statement	T/F	
During exercise the number of breaths per minute decreases.	F	1
During exercise a person feels hot and becomes sweaty.	T	1
During exercise the heart-beat rate increases.	T	1

Total: 3 marks

4.

a.	Point A: North pole Point B: South pole	1,1
b.	Magnet 2	1
c. i.	So that the results of each magnet can be compared. *Accept: for fair testing*	1
c. ii.	Because the magnet with the biggest area was not the strongest. *(or The smallest magnet holds more sheets than the largest)*.	2

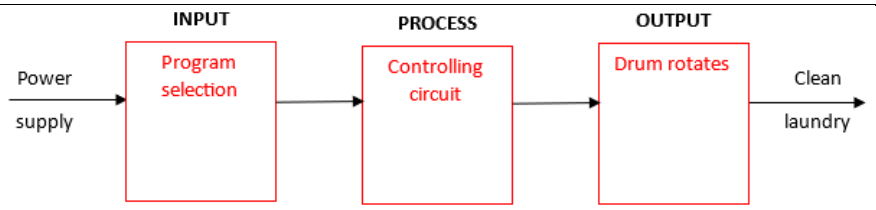
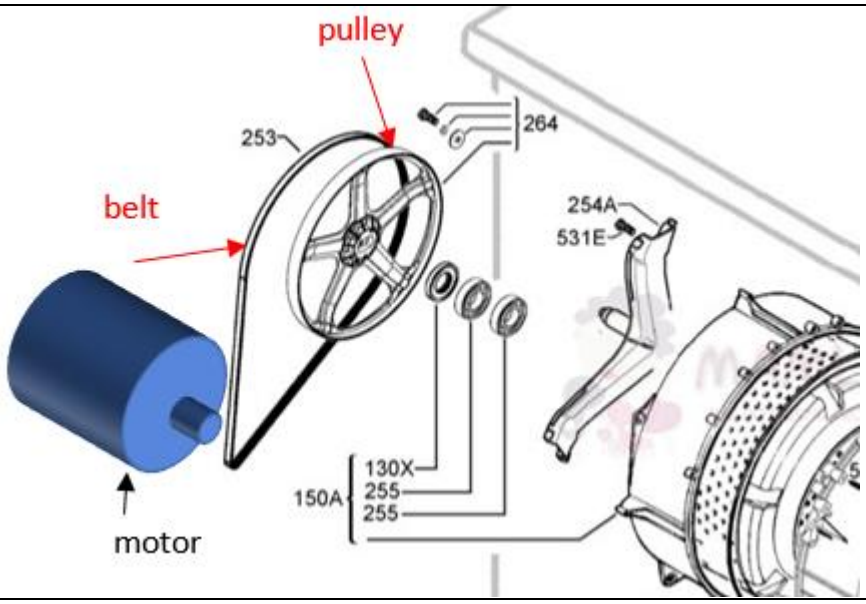
Total: 6 marks

5.	Circle A, B, D and F	4

Total: 4 marks

6.

a.	*POSSIBLE ANSWERS:* Size: Accept realistic answers within the range of 500mm to 700mm	1
	Eco-friendly: less electricity OR water	1

b.		2
c. i.	system diagram	1
c. ii.	turning a rotary switch	1
d.	Accept ideas that include a handle or a button to open the door. Award 1 mark for the handle to be on the opposite side of hinge and 1 mark for label.	2
e.		2
	Total: 10 marks	