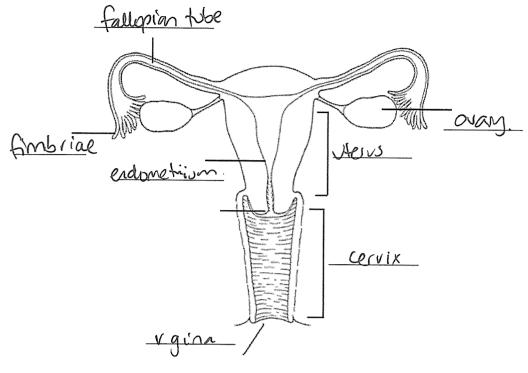
Name: Answerley

Mark:

/93

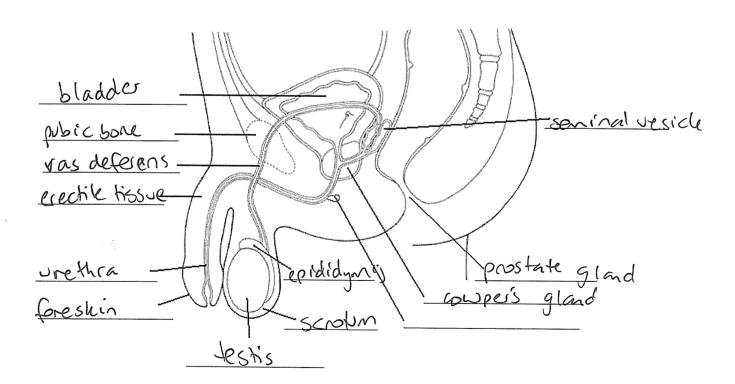
1. Label the diagram below.

(3 marks)



2. Label the diagram below.

(6 marks)



Structure	Function
Ovary	
Fimbriae	
Fallopian tube	
(oviduct)	
Uterus	
Vagina	
Testes	
Epididymis	
Urethra	

4. Fill in the table below on semen production

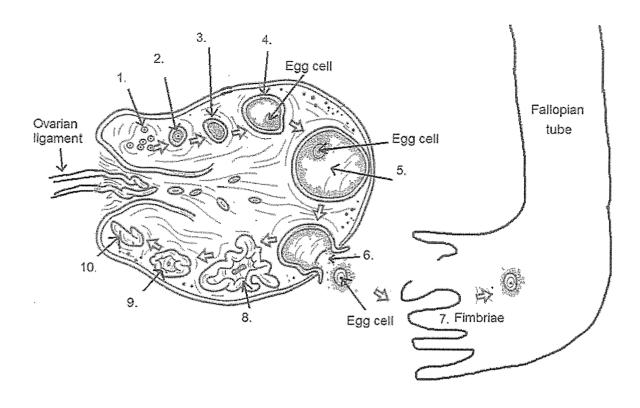
(8 marks)

Organ	Produces	Function of substance
Testes	Sperm	sex cell of male - ferhilises egg
Seminal vesicle	fluid rich in Sugars	gives sperm nutrients
prostate gland	Milky alkaline fluid	helps to activate sperm
comper's gland	clear	Acts as lubricant

	Number of gametes produced	Do hormones cause meiosis to	When does meiosis occur?
	by meiosis	begin?	
Oogenesis		Yes	while in foe NS then parses at prophase I and continues once Noesty begins
Spermatogenesis	4	Yes	once property begins

6. What are polar bodies?	(1 mark)
Colls with not enough who plasm	
7. How do oogonia increase in number?	(1 mark)
mitosis	
8. Where do the spermatids mature?	(1 mark)
epi'didynis	
9. In what part of the body do embryonic stem cells differentiate into spermatogonia?	(1· mark)
testás	
10. Fill in the table of the menstrual cycle.	(15 marks)

Stage	Days	Events
menstration	1-4	>utesine béseds
		> shedding gendometrium
pre-ovulation	5-12	> endometrium repairs itself
phase		> Development of ovarian follicle or
1		Endonetrium starts to Michen.
outlation	13-15	Development of ovarian follicle or Endonetrium starts to thicken. Prophre of mature follicle
000 (00 000)		> Egg is released
	16-20	as well as fallopian these certix
secretion		> novement & breakdown of unfertilised egg sor Development of corpus lateurn
Pre-merstroats	₂ 21-28	> wrong when breaks down
		Deterioration & endometrium



a) What is the name of the structure labelled 2?	(1 mark)
b) What is the name of the structure labelled 3? <u>frimay</u> follicle	(1 mark)
c) What is the name of the structure labelled 5? Mative Glicle	(1 mark)
d) What process is occurring at label 6?OUVにあられ	(1 mark)
e) What is the name of structure 8?	(1 mark)
f) What is the name of structure 9? Lorpus albicas.	(1 mark)
13. List three secondary sexual characteristics that occur in females during puberty.	(3 marks)
enlargement of breasts, gowth of pubic hair, pubich	ou'/
bernes ticher, darker, wili'er, hips broader, voice been	
increased perspiration	7
14. List three secondary sexual characteristics that occur in males during puberty.	(3 marks)
orlargement of peris scropm, prostate glandgrowth of pr	usic hai,
enlargement of peris, scrotm, prostate glandgrowth of pro- Cacial & chest hair, pubic hair becomes thricher, d Curlies, sholders broader, deeper voice, increased pers Piration, increased mesular development	aler,
curile, sholders broader, deeper voice, increased	
Pers Pration, increased mewlar development 15. What is the layer of follicle cells that surround the mature egg known as?	(1 mark)
Corona raduata	

Full name of	Where it is	In male or	Target organ	Effect of hormone
hormone	secreted from	female?	Turget organ	Effect of Hormone
Follicle Stimulating Hormone	pitvitang gland	both	Seminiferous tubules of testes. Flirales of	> production of Sperm > matration of Overion follicles
			00 - 2	,
Human Chorionic Gonadotropin	placerta	Semale	corpus	maintenance of corpus between during early stages of pregnancy.
Luteinising hormone	pititang gland	Both	testes cells of	> stimulates secretion of sterbsterone stimulates secretion of obstrages & longesteron.
Oestrogen	ovarian John de e were were	Sendo	ploety Charges.	Sevelopment of System Development of Secondary sexual Characteristics
Progesterone	wherm	Jemole	oteris placenta breasts	*mainterance if endometrium * development t mainterance of placenta * Development of milk se retiry glands
Testosterone HESTER	cells in testes.	male	pubest changes	development of male reproductive system Development of secondary Characterstic