

Revision Sheet

IGCSE Biology · Unit 16 Reproduction

19 vocabulary items · 26 marks of exam questions (7 questions)

Part 1 · Vocabulary review answer key. Section A wants the exact English spelling.

Question	Answer	Marks
1	asexual reproduction	1
2	parent	1
3	offspring	1
4	sexual reproduction	1
5	fertilisation	1
6	variation	1
7	haploid	1
8	diploid	1
9	stigma	1
10	ovary	1
11	self-pollination	1
12	seed	1
13	uterus	1
14	jelly coat	1
15	embryo	1
16	fetus	1
17	menstrual cycle	1
18	progesterone	1
19	pregnancy	1

Multiple Choice Answers

Q20: D

Multiple Choice Answers

Q21: B

Multiple Choice Answers

Q22: A

Multiple Choice Answers

Q23: D

Multiple Choice Answers

Q24: A

25(a)	<pre> graph LR A[A] --- P[produces sperm] B[B] --- S[sac which contains the testes] C[C] --- F[secretes fluid for sperm to swim in] D[D] --- T1[tube which carries the sperm to the urethra] D[D] --- T2[tube which carries urine and sperm] </pre> <p>Diagram showing connections between labels A, B, C, D and functions of the testes and associated structures:</p> <ul style="list-style-type: none"> A connects to produces sperm B connects to sac which contains the testes C connects to secretes fluid for sperm to swim in D connects to tube which carries the sperm to the urethra D connects to tube which carries urine and sperm
25(b)(i)	testosterone circled ;
25(b)(ii)	testes are made up of (a group of) tissues / AW ; that have a specific function / AW ;
25(c)	<i>any two from:</i> movement ; respiration ; sensitivity ; growth ; excretion ; nutrition ;

25(d)	<i>any three from:</i> 1 involves gametes ; 2 involves, fertilisation / fusion of (nuclei of) gametes / fusion of sperm and egg (cell) ; 3 involves formation of a zygote ; 4 produces offspring that are genetically different (from each other) ; 5 produces offspring that are genetically different from parent/s ; 6 involves, two / both, parents ; 7 AVP ;
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26(a)	R oestrogen ; S LH ;
26(b)	<i>ovulation</i> 12 / 13 / 14 / 15 / 16 ; <i>menstruation</i> 1 – 8 ;
26(c)	<i>description</i> concentration of progesterone increases and remains / is, high ; <i>reason</i> to thicken or maintain uterus lining / prevent ovulation or menstruation ; OR progesterone is produced by the placenta ;
26(d)	<i>during a menstrual cycle</i> – ovary ; <i>during pregnancy</i> – ovary / placenta ;
26(e)	<i>any one from:</i> stimulates ovaries to release of oestrogen ; stimulates eggs to, mature / develop (in the ovary) ;