

Multiple Choice Answers

Q26: D

Q27: C

Multiple Choice Answers

Q28: D

6(a)	letter in Fig. 6.1	name of the structure	function
	C	scrotum	contains / protects / holds / AW, testes / D
	F	prostate gland	produces seminal fluid
	A	urethra	transports urine and sperm
	E	sperm duct	transport sperm (to urethra)
;;;			
6(b)	testosterone ;		
6(c)	<i>any three from:</i> 1 flagellum / flagella, for, moving / swimming ; 2 mitochondria to release energy for, moving / swimming ; 3 acrosome to contain enzymes ; 4 enzymes to break down the jelly (coat of the egg) ; 5 haploid nucleus for fusing with the egg nucleus ; 6 streamlined, shape / head, for swimming / AW ;		

Multiple Choice Answers

Q8: B

4(a)(i)	1 maternal and fetal blood are kept separate / AW ; <i>plus any three from:</i> 2 umbilical cord / placenta, transfers named substance, from mother / to fetus ; 3 umbilical cord / placenta, transfers named substance, from fetus / to mother ; 4 umbilical cord / placenta, transfers, antibodies / passive immunity, from mother / to fetus ; 5 placenta forms barrier to, toxins / pathogens ; 6 placenta secretes, progesterone / oestrogen ; 7 AVP ;
4(a)(ii)	<i>any three from:</i> 1 protects, (fetus) against (mechanical) damage ; 2 regulation of temperature ; 3 allows fetus to move / allows muscle or bone development ; 4 protects fetus from infection / provides antibodies ; 5 allows lung development ; 6 sac, produces amniotic fluid ; 7 AVP ;
4(b)(i)	HIV / named STI ;
4(b)(ii)	<i>any two from:</i> (named) barrier method of contraception / condom / femidom ; abstinence ; (regular) testing / screening ; education ; tracing sexual partners ; use of antibiotics ; vaccination ; AVP ;