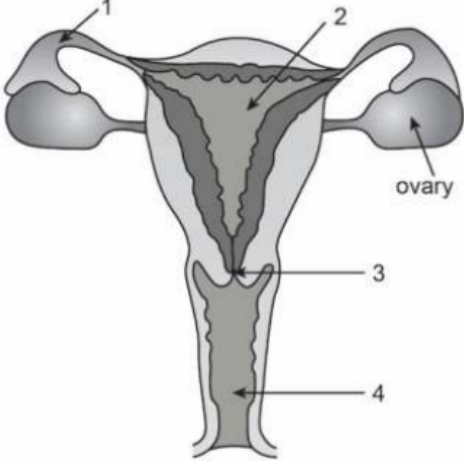



## 8th - Science

SN		Marks
1	<p data-bbox="363 407 697 436"><b>Female Reproductive System</b></p>  <p data-bbox="204 949 1455 1014">The picture shows the relative size of different types of cells between 100 nm and 100 mm. A mature egg and a sperm unite to form a zygote. In which part of the female reproductive system does a zygote form?</p> <p data-bbox="210 1052 933 1131">(a) 1 (b) 2 (c) 3 (d) 4</p>	
2	<p data-bbox="204 1227 1129 1261">How many eggs are usually released each month by the ovary of a woman?</p> <p data-bbox="210 1267 1066 1346">(a) One (b) Two (c) Fourteen (d) Twenty-four</p>	
3	<p data-bbox="363 1442 697 1471"><b>Female Reproductive System</b></p> 	

In which part of the female reproductive system does an embryo implant?

- ( a ) 1 ( b ) 2  
( c ) 3 ( d ) 4

4 Which of these statements is true about a foetus?

- ( a ) All body parts can be identified properly. ( b ) It is covered by a hard shell of protective layers.  
( c ) It resembles a large ball made of millions of cells.

5

External fertilisation	Internal fertilisation
The female releases the eggs (ova) outside its body. The male releases the sperms on the eggs. Fertilisation takes place outside the female body.	The male releases the sperms inside the body of the female. Fertilisation takes place inside the female body.

The table shows the processes of external fertilisation and internal fertilisation. Which of these is true about external fertilization and internal fertilization?

External fertilization	Internal fertilization
Both parents are necessary	Both parents are necessary
Embryo is not formed	Embryo is formed
Involves development of eggshell	Involves development of eggshell
Takes place among invertebrates	Takes place among vertebrates

- ( a ) A ( b ) B  
( c ) C ( d ) D

6 Which of these animals reproduce by external fertilization?

- ( a ) Snake ( b ) Frog  
( c ) Horse ( d ) Elephant

In animals also, males and females have different reproductive parts or organs. Like plants, the reproductive parts in animals also produce gametes that fuse to form a zygote. It is the zygote which develops into a new individual. This type of reproduction beginning from the fusion of male and female gametes is called sexual reproduction.

3

7


Type of reproduction beginning from the fusion of male and female

1

	gametes is called ? ( a ) Asexual Reproduction                      ( b ) Sexual Reproduction ( c ) Both    ( d ) None	
8	The reproductive parts in animals also produce gametes that fuse to form a ? ( a ) Zygote    ( b ) Embryo ( c ) Baby    ( d ) Cell	1
9	It is the zygote which develops into a new individual. ( a ) Yes    ( b ) No	1

<p>The male reproductive organs include a pair of testes (singular, testis), two sperm ducts and a penis. The testes produce the male gametes called sperms. Millions of sperms are produced by the testes. Which shows the picture of a sperm. Though sperms are very small in size, each has a head, a middle piece and a tail</p>		5
10	The male reproductive organs include a pair of testes (singular, testis), two sperm ducts and a penis. ( a ) Yes    ( b ) No	1
11	The testes produce the male gametes called sperms. ( a ) Yes    ( b ) No	1
12	Millions of sperms are produced by the testes. ( a ) Yes    ( b ) No	1

13	<p>Though sperms are very _____ in size.</p> <p>( a) Big ( b) Large</p> <p>( c) Small ( d) Tiny</p>	1
14	<p>Each sperm has a head, a middle piece and a tail.</p> <p>( a) Yes ( b) No</p>	1
<p>The female reproductive organs are a pair of ovaries, oviducts (fallopian tubes) and the uterus . The ovary produces female gametes called ova (eggs). In human beings, a single matured egg is released into the oviduct by one of the ovaries every month. Uterus is the part where development of the baby takes place. Like the sperm, an egg is also a single cell.</p>		5
15	<p>The female reproductive organs are a pair of ovaries, oviducts (fallopian tubes) and the uterus .</p> <p>( a) Yes ( b) No</p>	1
16	<p>The ovary produces female gametes called?</p> <p>( a) Egg ( b) Ova</p> <p>( c) Sperm ( d) Both A and B</p>	1
17	<p>In human beings, a single matured egg is released into the oviduct by one of the ovaries every---?</p> <p>( a) Week ( b) Month</p> <p>( c) 15 days ( d) None</p>	1
18	<p>Uterus is the part where development of the baby takes place.</p> <p>( a) Yes ( b) No</p>	1

	19 An egg is a ---- cell? ( a ) Multi ( b ) Single ( c ) Double ( d ) None	1	
20	How many methods of reproduction are there? Name all the methods.		
21	Write some basic difference between asexual and sexual reproduction.		
22	Describe the process of fertilisation in human beings.		
23	 <p data-bbox="193 1198 1528 1308">In the above image, label the part which produces female gametes.</p>		