***SS 2 BIOLOGY***

***TOPIC: REPRODUCTIVE SYSTEM IN BIRDS EG, DOMESTIC FOWL***

The Reproductive System Of Male Domestic Fowl

It's consists of two testes, epididymis, vas deferens, papilla, and cloaca.

***Functions Of The Male Reproductive parts***

1. ***TESTES:*** They produce spermatozoa.

2. ***EPIDIDYMIS:*** It stores spermatozoa for some time before it is used.

3. ***VAS DEFERENS***: It conducts spermatozoa from the epididymis to the papilla.

4. ***PAPILLA***: It is used to introduce spermatozoa into the vagina of the female bird.

5. ***CLOACA***: It is a pathway for spermatozoa and faeces expulsion.

***The Reproductive System Of Female Domestic Fowl***

It consists of an ovary, fallopian funnel (infundibulum), fallopian tube (oviduct), magnum, isthmus, uterus(shell gland), vagina, and cloaca.

***Functions Of The Female Reproductive Parts Of Domestic Fowl***

1. ***OVARY:*** It secretes the eggs or ova and the yolk. Note: Female bird has only one ovary which is the left ovary. The right ovary degenerates very early in life at about 7 to 9 days of incubation. It degenerates leaving only for the left one.

2. ***FALLOPIAN FUNNEL OR INFUNDIBULUM***:

It receives the eggs discharged by the ovary, which later moves down to the fallopian tube or oviduct.

3. ***FALLOPIAN TUBE OR OVIDUCT***: It is where fertilization takes place. Note: The process of fertilization is normally fast because, whether the egg is fertilized or unfertilized, it must move down to the magnum.

4. ***MAGNUM:*** It is here that the egg albumen is deposited on the egg. Note: The albumen helps in providing food and protection to the embryo.

5***. ISTHMUS***: It is here that the two lighter shell membranes are deposited on the egg and the shape of the egg is formed here.

6. ***UTERUS OR SHELL GLAND:*** It is here that the remaining parts of the egg are formed. The colour of the shell and the hard outer shell are formed here.

7. ***VAGINA:*** It is a canal through which egg is laid.

8***. CLOACA***: It is the point from which the egg is laid out. It is also the point for egestion or removal of faeces.

***Assignment***

List the reproductive parts of mammals (male and female) eg, human being.

***Submit assignment at the school’s security post***