**Q1/ Fill the blanks with suitable wards: 5Marks**

1. Cells from the epiblast migrate into the streak and pass through it to become the **……………** and the **……………………** part of the lower layer. This process is regarded as gastrulationin the chick.
2. uteroplacental circulation started in human embryo from……….…..days of gestational age.
3. During frog egg fertilization the sperm enters the ………….. hemisphere and initiates a cytoplasmic rearrangement called the **………………**.
4. Complete cleavagehappen in ………….. and ……………… eggs.
5. The first cleavagein frog zygot is ………….. and separates the egg into right and left halves.
6. LH hormone stimulates formation of estrogen and proestrone; promote …… …….. and …… …………… formation.

**Q2/ Explain the development of chick egg by determination the position of growing of it within female reproductive tract, and write the site of fertilization: 3Marks**

**Q3/ Sertoli cells play important function in male reproduction system, count it: 4Marks**

**Q3/ Define the following: 4Marks**

Superficial cleavage, Ovulation, ameiosis parthenogenesis, primary follicle

**Q/ Draw and label the following: 4Marks**

1. Early gastrulation stage in frog
2. Cross section of ovary
3. Fertilized egg of frog
4. 9th day of human implantation
5. 



