

## **REPRODUCTION: Fertilization to Implantation**

Where does fertilization occur?

Number of chromosomes in a gamete?

Definition of a Zygote?

What is Cleavage?

What is a morula?

What is a Blastocyst?

Whats an oocyte?

Know the growth steps in order (see last few terms) from egg being fertilized till implanting in womb

When is the best time for conception?

The blastocyst...

Where is the chorion and what will it form eventually?

What is a STEM CELL and/or why are they so interesting in scientific study?

Where is hCG formed? What is its function? What does hCG stand for?

Define GASTRULATION:

What are the 3 layers developed from gastrulation?

What will each layer eventually turn into?

What is the made up phrase used to help remember the stages of embryo development?

## **PREGNANCY: The Growing Embryo...**

What is an ectopic pregnancy?

What does a pregnancy test use to detect the pregnancy?

hcG is similar to what LH because is does what?

What will the placenta secrete after the 3<sup>rd</sup> month to maintain the uterine lining?

What happens in the process of Neurulation?

The amnion does what?...and/or what is it? Where is it located?

What is the role of the Placenta? List several things...

Where is the placenta located?

What functions does the placenta do for the baby (ie) organs it is taking over for till baby is born)

What do the hormones the placenta secretes do?

What is the connection between the baby and the placenta?

What is the job of the above connection?