

The Human Reproductive System

Chapter:13

Lesson:2

Page:153

1.Circle the embryo stage in the figure.

I circled embryo cells continue to divide as shown in the picture on page 153

2. How much longer is the fetus at the end of the second trimester than the embryo at 12 weeks?

As stated on page 154 on the stages of pregnancy chart, the fetus at the end of second trimester a fetus is about 25-35 cm long. The embryo at 12 weeks is about 7.5 cm long.

3.Circle the umbilical cord

As shown on the picture on page 155, the umbilical cord is connected to the fetus at its navel, or belly button.

4.Why is prenatal care important?

As stated on page 155 under what is prenatal care sentence 3, prenatal care includes information on nutrition, avoiding environmental dangers, and preventing viral infections.

5.How do nutrients get from the mother to the fetus?

As stated on page 156 under how does the fetus get nutrients sentence 1, a fetus depends on its mother for all nutrients. Vitamins, minerals, proteins, fats, and carbohydrates pass from mother to fetus through the placenta.

6. Name the structures through which a fetus gets oxygen and nutrients.

As stated on page 156 under development before birth summary sentence 3, a fetus obtains oxygen and nutrients from the mother through the placenta and umbilical cord.

Commented [1]: Very good work!

Commented [2]: A good alternative response.

Commented [3]: Good!