DMS 333

Assignment 3 Placenta, Umbilical Cord, and Cervical Canal

Please match the following terms relating to embryogenesis with their definitions.

Basal plate, chorion frondosum, chorionic plate, chorionic villi, decidua basalis, decidua capsularis, placenta previa, internal os.

1. **­** The portion of the chorion that develops into the fetal portion of the placenta.

2. Placenta completely covers the lower uterine segment (internal os)

3. Vascular projections from the chorion

4. The maternal surface of the placenta that lies contiguous with the decidua basalis

5. The internal opening of the cervical canal.

6. The part of the decidua that surrounds the chorionic sac

7.  The part of the decidua that unites with the chorion to form the placenta

8. Part of the chorionic membrane that covers the placenta

Fill in the blanks with the word(s) that best completes the statements.

15. The umbilical cord includes umbilical arteries and umbilical veins and is surrounded by a homogenous substance called jelly.

16. The umbilical arteries run along the margin of the fetal bladder and are well imaged with color flow Doppler. In the postpartum stage, the umbilical arteries become the superior vesical arteries.

17. The sonographic detection of a umbilical artery should prompt the investigation of further fetal anomalies.

18. The normal cervical canal during pregnancy measures between and cm. .

13. The opening that connects the vaginal canal to the cervical canal is called the \_.

14. Hypoxia is determined by the diastolic flow in the umbilical being \_ .

15. The umbilical vein can be best characterized as being which type of \_\_\_ \_\_\_.