

MODULE: INTRODUCTION TO RH & MIDWIFERY

PART I: MULTIPLE CHOICE QUESTIONS

(20 MARKS)

1. **Which one of the following statements best describes a term fetus?**
 - a) The baby, once it is mature enough to survive outside the womb.
 - b) The maternal tissue, plus the umbilicus and placenta.
 - c) **The unborn offspring, from the end of the 8th week of conception until birth**
 - d) The unborn child, as soon as conception occurs.
2. **Following fertilization the cells within the blastocyst differentiate to form different parts which of the following layers differentiate to form placenta?**
 - a) **The Trophoblast**
 - b) The Corpus Luteum
 - c) The Mesoderm
 - d) The Hypoblast
3. **During the fetal life the blood vessel that carries maximally oxygenated blood is:-**
 - a) Umbilical artery
 - b) pulmonary artery
 - c) **umbilical vein**
 - d) pulmonary vein
4. **Which one of the following statements in regards to fetal circulation is correct?**
 - a) **The fetal heart rate is almost double that of an adult who is healthy at rest**
 - b) All the blood that flows in the umbilical vein enters the right auricle
 - c) The three shunts in the fetus closes immediately after birth
 - d) The blood pressure of the fetus is similar to that of an adult
5. **The part of the fetus lying over the uterine os during labour is referred to as the:-**
 - a) **Presenting part.**
 - b) Occiput.
 - c) Sinciput.
 - d) Ischial spines.
6. **Immediately after fertilization, cell division occurs spontaneously. The first cluster of cells formed is known as:-**

- a) Zygote
 - b) Blastula
 - c) Morula**
 - d) Embryo
7. **Ms Ngare aged 34 years has lost two pregnancies at gestation of 18 and 21 weeks respectively. She is now referred to as a:-**
- a) Multipara
 - b) Nullipara**
 - c) Nonpara
 - d) Grandepara
8. **The uterine support that spreads out from the lateral aspect of the cervix to the side walls of the pelvis is the:-**
- a) Perineal ligament
 - b) Pubocervical ligament
 - c) Uterosacral ligament
 - d) Mackenrodt's ligaments**
9. **The CORRECT statement with regards to the menstrual cycle is:-**
- a) Menstrual flow isn't capable of clotting due to presence of plasmin enzymes**
 - b) The main hormone responsible for the menstrual phase is follicle stimulating hormone
 - c) The secretory phase involves regrowth and thickening of the endometrium
 - d) Prolonged or shortened cycle results from response on the secretory phase
10. **The process that follows immediately following penetration of the zona pellucida layer by the head of the first sperm is:-**
- a) Cortical reaction**
 - b) Capacitation
 - c) Blastulation
 - d) Cells cleavage
11. **A nurse is describing the fetal skull, the nurse accurately states the soft sport in a newborns skull as:-**
- a) Fontanel**
 - b) Fovea
 - c) Foramen
 - d) Fissure
12. **Which one of the following statements BEST describes the coronal sutures?**
- a) Runs longitudinally, between the two (2) frontal bones

- b) It lies between the two parietal bones.
- c) Separates the occipital bone from the parietal bones
- d) Joins the temporal and parietal bones**

13. **The largest longitudinal diameter of the fetal skull is referred to as:-**

- a) Sub-mentovertical
- b) Occipitofrontal
- c) Mentovertical**
- d) Sub-occipitofrontal

14. **The aim of increased acidity in the vaginal discharge throughout the entire childbearing period is to:-**

- a) Prevent occurrence of some incurable tumours
- b) Prevent growth of some pathogenic organisms**
- c) Prevent growth of all pathogenic organisms
- d) Favor regrowth of reproductive system mucosa

15. **The area of the decidua , which is not in contact with the developing embryo is known as:-**

- a) Parietalis
- b) Compactalis
- c) Basalis**
- d) Capsularis

16. **Lower uterine segment develops from the:-**

- a) Fundus
- b) Cornua
- c) Isthmus**
- d) Corpus

17. **The smallest fetal skull diameter measures:-**

- a) 9.2 cm
- b) 7.5 cm
- c) 8.2 cm**
- d) 9.5 cm

18. **The fetal position that is most favourable for a normal spontaneous delivery is:-**

- a) Transverse position of shoulders
- b) Vertex presentation**
- c) Breech presentation
- d) Posterior position of fetal head

19. The oval shaped area of the vulva enclosed by the labia minora is known as the:-

- a) Perineum
- b) Fourchette
- c) **Vestibule**
- d) Carunculae

20. During lactation, as the infant suckles, milk is led to its mouth directly through the:-

- a) Lactiferous duct
- b) Lactiferous sinus
- c) Acini cells
- d) **Lactiferous tubules**

PART II: SHORT ANSWER QUESTIONS

(15 MARKS)

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| 1. Draw the brim of female pelvis and label the eight (8) landmarks. | 5 marks |
| 2. Differentiate between the anterior and the posterior fontanelles. | 2 marks |
| 3. State four (4) pillars of Maternal & Newborn Health model. | 4 marks |
| 4. List four (4) structural related abnormalities of the placenta. | 2 marks |
| 5. Differentiate between battledore and velamentous cord insertions. | 2 marks |

PART III: LONG ANSWER QUESTION

(15 MARKS)

Question One (1):

Acquisition of basic knowledge in Midwifery is vital for a Midwife.

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| a) Define the following terms commonly used in Midwifery: | 3 marks |
| i. Multigravida | |
| ii. Lightening | |
| iii. Attitude | |
| b) With regards to the placenta:- | |
| i. State four (4) characteristics of the maternal surface. | 4 marks |
| ii. Explain four (4) functions. | 8 marks |

