

**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-641 043**

Bachelor's Degree Examination - November 2018

I Semester

**Class : IUG
Major : Human Development**

**Time :3 hours
Max. Marks: 10**

18BHDC02 – Prenatal and Neonatal Development

Part-A

10 x 1=10

Choose the correct answer

1. _____ offers a clue to central nervous system distress
a. Reflexes b. Sleep pattern c. Infant's cry d. Smile
2. _____ is the first way that babies communicate
a. Reflexes b. Crying c. Thumb sucking d. Social smile
3. Sleep is made up of _____ states
a. 4 b. 3 c. 2 d. 1
4. In _____ sleep body is motionless and other activities are slow and regular
a. NREM b. REM c. AREM d. RREM
5. A _____ is an inborn, automatic response to a particular form of stimulation
a. moro b. reflex c. regression d. jerk
6. Birth in which buttocks or feet would be delivered first is called _____ delivery.
a. forceps b. anoxia c. breech d. spontaneous
7. Infants born several weeks or more before their due date are called _____ babies.
a. small for date b. preterm c. SIDS d. premature
8. To assess baby's physical condition doctors use.
a. DNA test b. NABS c. TDSC d. APGAR
9. Childbirth is often referred to as _____.
a. dilation b. effacement c. labour d. ejection
10. White downy hair helping the vernix stick to the skin is called
a. amnion b. chorion c. vertex d. lanugo

Part B
Answer the following
Answer should not exceed 400 words or two pages

5 X 6=30

- 11.a. Review the functions of the placenta.
(or)
- 11.b. Distinguish between preterm infants and small for date infants.
- 12.a. Elicit the impact of alcohol on the foetus.
(or)
- 12.b. Discuss the signs and symptoms of pregnancy.
- 13.a. Explain Tonic neck reflex and Babinski reflex.
(or)
- 13.b. Discuss the adjustments to be made by the infant.
- 14.a. Explain (a) Breech presentation (b) Caesarean birth.
(or)
- 14.b. Differentiate between REM and NREM.
- 15.a. Explain the following (a) Vernix caseosa (b) Lanugo (c) age of viability.
(or)
15. b. What is Rh incompatibility?

Part C
Answer the following
Answer should not exceed 800 words or four pages

5 x 12=60

- 16.a. Illustrate how the physical condition of a newborn is assessed using APGAR.
(or)
- b. Enumerate the different states of arousal in infants.
- 17.a. Inspect the adaptive value of any five reflexes in infants.
(or)
- b. Appraise the consequences of prenatal malnutrition and stress on the foetus.
- 18.a. Examine the complications arising due to oxygen deprivation in infants.
(or)
- b. Explain multiple births.
- 19.a. Demonstrate the impact of any two teratogens on the growing foetus.
(or)
- b. Discuss the process of childbirth.
- 20.a. Explain the types of interaction between heredity and environment and its impact on the developing individual.
(or)
- 20.b. Organise the milestones of prenatal development in a table and explain.
