

**MCQ TEST SERIES****S12-BZ-C2-HUMAN REPRODUCTION****2.6 PARTURITION AND LACTATION**

- Which hormone is primarily responsible for the uterine contractions during parturition?
  - Estrogen
  - Progesterone
  - Oxytocin
  - Relaxin
- What is the correct sequence of events in parturition?
  - Cervical dilation → Oxytocin release → Foetal expulsion
  - Oxytocin release → Cervical dilation → Foetal expulsion
  - Foetal ejection reflex → Oxytocin release → Uterine relaxation
  - Estrogen peak → Cervical rupture → Foetal development
- The neurohumoral reflex that triggers the release of oxytocin during labor is called:
  - Ferguson reflex
  - Capacitation reflex
  - Let-down reflex
  - Braxton Hicks reflex
- The function of relaxin during childbirth is to:
  - Initiate uterine contractions
  - Promote lactation
  - Dilate cervix and relax pelvic ligaments
  - Suppress oxytocin
- What is the term used for weak uterine contractions before true labor begins?
  - Let-down reflex
  - Braxton Hicks contractions
  - Cervical twitching
  - Foetal surge
- Which hormone is mainly responsible for milk production after childbirth?
  - Oxytocin
  - Estrogen
  - Prolactin
  - LH
- Which hormone is responsible for the ejection of milk from mammary glands?
  - Prolactin
  - Oxytocin
  - Estrogen
  - Hcg
- The yellowish fluid secreted by mammary glands soon after birth is:
  - Lactose
  - Colostrum
  - Sucrose
  - Mucus
- Colostrum is especially rich in:
  - IgA antibodies
  - IgG antibodies
  - Enzymes
  - Lipids
- Which of the following is not a function of oxytocin?
  - Uterine contraction
  - Milk ejection
  - Cervical softening
  - Foetal ejection
- Which of the following hormones is produced both by placenta and corpus luteum?
  - Prolactin
  - Relaxin
  - hCG
  - Oxytocin
- During pregnancy, mammary gland development is stimulated by:
  - Progesterone and LH
  - Estrogen and FSH
  - Estrogen, Progesterone, and hPL
  - Testosterone and oxytocin
- The let-down reflex is triggered by:
  - Decreased prolactin
  - Increased FSH
  - Infant suckling
  - Increased LH
- Which of the following describes the role of prolactin correctly?
  - Increases oxytocin secretion
  - Promotes milk production
  - Stimulates uterine contraction
  - Induces cervical dilation
- Why is colostrum considered superior to formula milk?
  - Contains more sugar
  - Rich in immune factors and IgA
  - Has more fat and calcium
  - Easier to digest due to no enzymes

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**ANSWER KEY**

1. C
2. B
3. A
4. C
5. B
6. C
7. B
8. B
9. A
10. C
11. B
12. C
13. C
14. B
15. B

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