

MCQ TEST SERIES**S12-BZ-C2-HUMAN REPRODUCTION****2.5 MAINTENANCE OF PREGNANCY AND EMBRYONIC DEVELOPMENT**

- Which hormone produced only during pregnancy helps in relaxation of pelvic ligaments?
 - Progesterone
 - Oxytocin
 - Relaxin
 - Estrogen
- Which hormone secreted by the placenta maintains the corpus luteum in early pregnancy?
 - FSH
 - LH
 - hCG
 - hPL
- The human placenta serves all of the following functions except:
 - Respiration
 - Excretion
 - Hormone secretion
 - Neural conduction
- The extra-embryonic membrane that directly participates in placenta formation is:
 - Chorion
 - Amnion
 - Allantois
 - Yolk sac
- Which embryonic structure gives rise to the umbilical cord?
 - Chorion
 - Amnion
 - Allantois
 - Endoderm
- Amniotic fluid primarily serves to:
 - Nourish the embryo
 - Excrete waste
 - Cushion and protect the embryo
 - Promote ossification
- Which of the following is not a germ layer derived during gastrulation?
 - Ectoderm
 - Endoderm
 - Mesoderm
 - Periderm
- Which tissue develops from the ectoderm?
 - Brain and spinal cord
 - Muscles
 - Kidney
 - Liver
- Which of the following is a mesodermal derivative?
 - Epidermis
 - Alimentary canal lining
 - Muscles and bones
 - Pancreas
- The yolk sac in humans mainly serves to:
 - Provide nutrition
 - Form limbs
 - Generate early blood cells and vessels
 - Form the amnion
- What event transforms the blastocyst into a gastrula?
 - Fertilization
 - Implantation
 - Cleavage
 - Gastrulation
- During which week does the embryo's heart begin to function?
 - First week
 - Second week
 - Fourth week
 - Sixth week
- Which hormone secreted by the placenta helps in mammary gland development and lactation readiness?
 - hCG
 - hPL
 - FSH
 - Inhibin
- Which of the following hormones increase many folds in maternal blood during pregnancy?
 - Estrogen, cortisol, prolactin
 - Insulin, testosterone, GnRH
 - ADH, oxytocin, insulin
 - Epinephrine, thyroxine, and ADH
- Which embryonic membrane eventually contributes to the urinary bladder?
 - Amnion
 - Allantois
 - Yolk sac
 - Chorion

MCQ TEST SERIES

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ANSWER KEY

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

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