

Embryology I (eng)

76% (19/25)

✗ 1. Which hormones regulate menstrual (uterine) cycle?

- A Estrogen and progesteron
- B FSH and LH
- C Gonadoliberins a statins
- D Testosteron
- E Cortisol

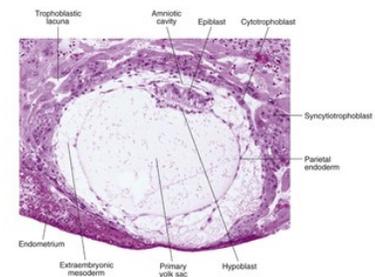
✓ 2. At what day the embryo finishes implantation into the uterine mucosa?

- A 3
- B 6-7
- C 12
- D 24
- E 45



✓ 3. How old is this embryo?

- A 24 hrs
- B 3 days
- C about a week
- D about two weeks
- E 5 weeks

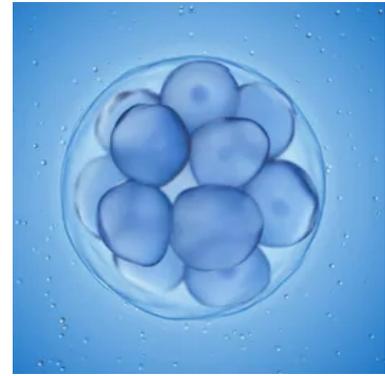


✓ 4. Neuroectoderm is induced by:

- A Primitive streak
- B Primitive gut
- C Primitive node
- D Notochord
- E Prochordal plate

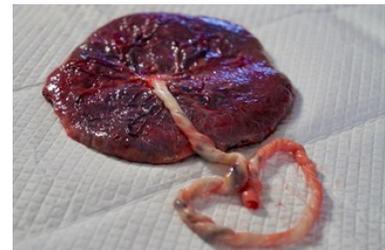
✓ 5. Morula contains cells that are:

- A Pluripotent
- B Totipotent
- C Multipotent
- D Oligopotent
- E Unipotent



✓ 6. According to its function, human placenta is:

- A Hemochorial
- B Epitheliochorial
- C Endotheliochorial

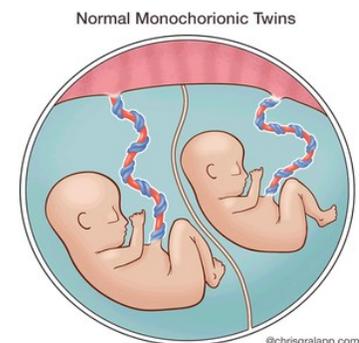


✓ 7. Fetal and maternal blood mix in the placenta.

- A True
- B False

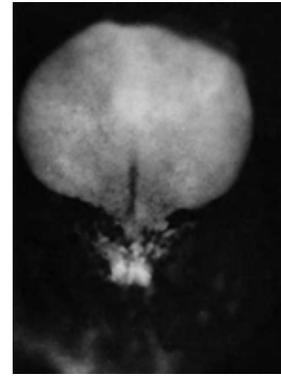
✓ 8. Monozygotic twins that share chorion and placenta, but each has its own amnion, were divided:

- A about day 23 after conception
- B at the end of the first week
- C during formation of trilaminar disc
- D after flexion of the embryo and development of connective stalk
- E immediately after fertilization



✓ 9. What DOES NOT belong among the axial structures of the embryo?

- A Notochord
- B Primitive streak
- C Primitive node
- D Cloacal membrane
- E Allantois



✗ 10. Neurenteric canal (of Lieberkuhn) connects:

- A Yolk sac cavity and amniotic cavity
- B Primitive gut and yolk sac
- C Placenta and embryo
- D Brain ventricles
- E Canalis centralis and placenta

✓ 11. Notochord is fully developed:

- A Day 3
- B Day 7
- C Day 19
- D Week 4
- E About 6th month

✓ 12. Somites are derived from:

- A paraxial mesoderms
- B lateral mesoderm
- C intermediate mesoderm
- D neuroectoderm
- E extraembryonic mesoderm

✓ 13. How many pairs of somites develop during human development?

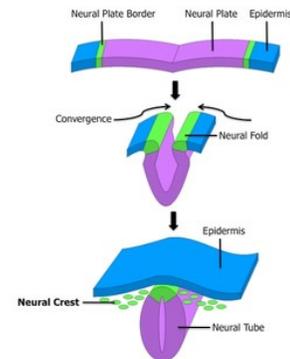
- A 3
- B 20-25
- C 42-44
- D 90-98
- E up to 150 (in tall individuals)

✗ 14. At what week the maximum number of somites is present?

- A 1
- B 3
- C 5
- D 12
- E Number of somites gradually increases until birth

✗ 15. What does NOT develop from neural crest cells?

- A Melanocytes
- B Schwann cells
- C Adrenal medulla
- D CNS neurons
- E Cells of ectomesenchyme



✓ 16. Tissue derived from notochord persists in adult body as:

- A Nucleus pulposus
- B Annulus fibrosus
- C Spinal cord
- D Vertebral bodies
- E Spinal nerves in cauda equina

✗ 17. When does the primitive heart start beating?

- A Week 1
- B Week 2-3
- C Month 2
- D Month 4
- E After birth

✓ 18. How old is the embryo? (weeks)

- A 1
- B 2
- C 4
- D 8
- E 12



✓ 19. How old is the embryo? (weeks)

- A 2
- B 5
- C 8-9
- D 15
- E 36



✓ 20. When do the limb buds first appear? (week)

- A 3
- B 4
- C 5
- D 6
- E 7



✓ 21. Length of pregnancy according to the conception age is by two weeks longer than the length of pregnancy according to the first day of the last menstruation.

- A True
- B False

✓ 22. What is the weight of a full term, mature newborn?

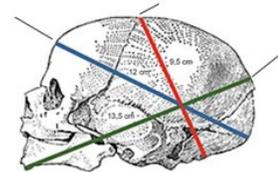
- A 3kg
- B 5kg
- C 1kg
- D 2kg
- E 800g

✗ 23. Largest head circumference (in the plane of the occipitofrontal diameter) of a full term, mature newborn is about:

- A 10 cm
- B 34 cm
- C 45 cm
- D 52 cm
- E 8 cm

✓ 24. The smallest diameter on a newborn head is:

- A Diameter frontooccipitalis
- B Diameter suboccipitobregmatica
- C Diameter mentooccipitalis
- D Diameter biacromialis



✓ 25. Current limit of viability (when the full care is provided and according to the actual clinical context) is:

- A Week 18
- B Week 25
- C Week 36
- D Week 40
- E Week 42