

Embryology Quiz

December 12, 2022 2:50 PM

LFMUHISTO

| Student Name | Student ID | Score (%) |
|----------------------|------------|--------------|
| A | - | 61.9 |
| Chlupy | - | 57.14 |
| Ja jsem chytra eva | - | 85.71 |
| Kuba | - | 80.95 |
| Mamma Lactans | - | 33.33 |
| Mickey | - | 71.43 |
| R | - | 80.95 |
| Rip | - | 76.19 |
| Z | - | 47.62 |
| ... | - | 76.19 |
| * ? | - | 57.14 |
| ? | - | 76.19 |
| ? | - | 42.86 |
| ? | - | 4.76 |
| Class Scoring | | 60.88 |

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| Score (#) | When does the blastocyst no | Primitive pit is essential for de |
|-----------|-----------------------------|-----------------------------------|
| 21 | 1 point | 1 point |
| 13 | C. Around day 5-6 | A. Primitive gut |
| 12 | C. Around day 5-6 | B. Notochordal process |
| 18 | C. Around day 5-6 | B. Notochordal process |
| 17 | C. Around day 5-6 | B. Notochordal process |
| 7 | C. Around day 5-6 | B. Notochordal process |
| 15 | C. Around day 5-6 | B. Notochordal process |
| 17 | C. Around day 5-6 | B. Notochordal process |
| 16 | C. Around day 5-6 | B. Notochordal process |
| 10 | C. Around day 5-6 | A. Primitive gut |
| 16 | C. Around day 5-6 | B. Notochordal process |
| 12 | C. Around day 5-6 | A. Primitive gut |
| 16 | C. Around day 5-6 | B. Notochordal process |
| 9 | C. Around day 5-6 | B. Notochordal process |
| 1 | D. Around day 9-10 | |
| 12.79 | 92.86 | 71.43 |

| | | |
|-------------------------------|--|------------------------------|
| Does the liver and pancreas d | Primitive gut is divided to: | During stomach rotation, the |
| 1 point | 1 point | 1 point |
| B. No | D. Foregut, midgut, hindgut, cloaca | A. left |
| B. No | D. Foregut, midgut, hindgut, cloaca | D. caudally |
| B. No | B. Primitive pharynx, foregut, midgut, hindgut, cloaca | A. left |
| A. Yes | C. Foregut, midgut, hindgut | B. right |
| A. Yes | C. Foregut, midgut, hindgut | |
| B. No | C. Foregut, midgut, hindgut | A. left |
| B. No | C. Foregut, midgut, hindgut | |
| B. No | C. Foregut, midgut, hindgut | A. left |
| A. Yes | | A. left |
| A. Yes | C. Foregut, midgut, hindgut | A. left |
| B. No | C. Foregut, midgut, hindgut | D. caudally |
| B. No | C. Foregut, midgut, hindgut | A. left |
| A. Yes | B. Primitive pharynx, foregut, midgut, hindgut, cloaca | B. right |
| B. No | D. Foregut, midgut, hindgut, cloaca | |
| 64.29 | 57.14 | 50 |

| | | |
|--|----------------------------------|-----------------|
| Intestinal loops physiological | Cloaca is divided by septum u | Arrow indicates |
| 1 point | 1 point | 1 point |
| B. Allantois | B. Sinus urogenitalis and rectum | B. Liver |
| | B. Sinus urogenitalis and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| E. Peritoneal cavity | E. Urinary bladder and rectum | |
| A. Extraembryonic coelom in umbilical cord | E. Urinary bladder and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | C. Rectum and canalis analis | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| A. Extraembryonic coelom in umbilical cord | B. Sinus urogenitalis and rectum | B. Liver |
| B. Allantois | B. Sinus urogenitalis and rectum | B. Liver |
| | | |
| 64.29 | 71.43 | 85.71 |

| Arrow indicates | This slide shows developing | Arrow indicates developing |
|-------------------------|-----------------------------|----------------------------|
| 1 point | 1 point | 1 point |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| B. Umbilical vessels | C. Tooth | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| A. Gastroschisis | C. Tooth | B. Tongue |
| C. Umbilical herniation | E. Limb | B. Tongue |
| C. Umbilical herniation | C. Tooth | B. Tongue |
| D. Meckel's diverticle | C. Tooth | B. Tongue |
| D. Meckel's diverticle | E. Limb | C. Thyroid |
| | | |
| 64.29 | 78.57 | 85.71 |

| | | |
|-------------------------------|--------------------------------------|----------------------------|
| Lateral nasal processes and m | Cartilage of the 1st pharynge | How many pharyngeal arches |
| 1 point | 1 point | 1 point |
| A. Nasolacrimal ducts | A. Jaws | C. 6 |
| B. Soft palate | B. Jaws and some middle ear ossicles | |
| A. Nasolacrimal ducts | B. Jaws and some middle ear ossicles | C. 6 |
| A. Nasolacrimal ducts | B. Jaws and some middle ear ossicles | B. 4-5 |
| B. Soft palate | | B. 4-5 |
| A. Nasolacrimal ducts | B. Jaws and some middle ear ossicles | B. 4-5 |
| A. Nasolacrimal ducts | B. Jaws and some middle ear ossicles | B. 4-5 |
| B. Soft palate | B. Jaws and some middle ear ossicles | C. 6 |
| B. Soft palate | B. Jaws and some middle ear ossicles | B. 4-5 |
| A. Nasolacrimal ducts | B. Jaws and some middle ear ossicles | C. 6 |
| D. Mandibular processes | | B. 4-5 |
| A. Nasolacrimal ducts | B. Jaws and some middle ear ossicles | B. 4-5 |
| B. Soft palate | B. Jaws and some middle ear ossicles | B. 4-5 |
| | | |
| 50 | 71.43 | 57.14 |

| | | |
|---------------------------------|------------------------------|-----------------------------|
| Pharyngeal clefts (grooves) are | 3rd and 4th pharyngeal pouch | Where is the heart located? |
| 1 point | 1 point | 1 point |
| A. Ectoderm | B. Thymus and parathyroid | C. C |
| A. Ectoderm | A. Thymus and thyroid | A. A |
| A. Ectoderm | B. Thymus and parathyroid | C. C |
| A. Ectoderm | B. Thymus and parathyroid | C. C |
| | | |
| B. Endoderm | A. Thymus and thyroid | C. C |
| A. Ectoderm | B. Thymus and parathyroid | A. A |
| A. Ectoderm | B. Thymus and parathyroid | A. A |
| A. Ectoderm | B. Thymus and parathyroid | A. A |
| A. Ectoderm | B. Thymus and parathyroid | C. C |
| | D. Fossa tonsillaris | A. A |
| A. Ectoderm | B. Thymus and parathyroid | A. A |
| C. Mesoderm | B. Thymus and parathyroid | A. A |
| | | |
| 64.29 | 64.29 | 35.71 |

| | | |
|-------------------------------|------------------------------|-----------------------------------|
| How old is this embryo/fetus? | What is a normal volume of a | Primitive pit is essential for de |
| 1 point | 1 point | 1 point |
| B. 5 weeks | B. Walnut | B. Notochordal process |
| D. 4 months | C. Apricot | B. Notochordal process |
| C. 8-9 weeks | C. Apricot | B. Notochordal process |
| D. 4 months | A. Cherry | B. Notochordal process |
| | | |
| D. 4 months | A. Cherry | C. Yolk sac |
| B. 5 weeks | C. Apricot | B. Notochordal process |
| C. 8-9 weeks | C. Apricot | B. Notochordal process |
| | | |
| B. 5 weeks | B. Walnut | B. Notochordal process |
| C. 8-9 weeks | B. Walnut | B. Notochordal process |
| A. 3 weeks | C. Apricot | B. Notochordal process |
| C. 8-9 weeks | B. Walnut | B. Notochordal process |
| | | |
| 28.57 | 14.29 | 71.43 |

| What diameter is the biggest measured at the newborn's head? | | | | |
|--|--|--|--|--|
| 1 point | | | | |
| E. Diameter submentobregmatica | | | | |
| C. Diameter mentooccipitalis | | | | |
| C. Diameter mentooccipitalis | | | | |
| A. Diameter frontooccipitalis | | | | |
| | | | | |
| C. Diameter mentooccipitalis | | | | |
| C. Diameter mentooccipitalis | | | | |
| B. Diameter suboccipitobregmatica | | | | |
| | | | | |
| C. Diameter mentooccipitalis | | | | |
| E. Diameter submentobregmatica | | | | |
| | | | | |
| B. Diameter suboccipitobregmatica | | | | |
| | | | | |
| 35.71 | | | | |