

aVLET selected lectures – credit test

Only one correct answer = 1 point

Date: Name:

1	The inflow of primitive heart tube is: a) bulbus cordis b) ventricle c) truncus arteriosus d) sinus venosus
2	To the congenital malformations without shunt belongs: a) ventricular septum defect b) Fallot tetralogy c) aortic stenosis d) transposition of great vessels
3	Fate of pairs of aortic arches: a) 1st pair develops into common carotid arteries b) 2nd pair degenerates c) 3rd pair degenerates d) 5th develops into aortic arch on the left and subclavian artery on the right
4	Which statement about pharyngeal (branchial) apparatus is NOT correct? a) 1st membrane obturans develops into tympanic membrane b) 1st endodermal poche develops into meatus acusticus ext. c) 2nd ectodermal groove fuse with grooves 3 and 4 into sinus cervicalis which degenerate d) 2nd endodermal poche develops into fossa tonsillaris + palatine tonsil
5	Which statement about digestive tube is NOT correct? a) total rotation of the gut is 270° b) hepatocytes originate from endoderm c) endocrine cells of pancreas originate from mesenchyme d) umbilical loop rotates around a. mesenterica sup.
6	Which statement about development of urinary system is correct? a) Wolffian duct is lined with endoderm b) ureteric bud grows from lateral wall of Wolffian duct c) mesonephros produces primitive urine during 5th week d) nephron does not develop from ureteric bud
7	By fusion of caudal pole of one and cranial pole of the other kidney arises: a) ren arcuatus (horse shaped kidney) b) ren sigmoideum c) polycystic kidney d) hypoplastic kidney
8	Which statement about development of reproductive system is correct?

	<p>a) primary medullary sex cords develop into tubuli seminiferi contorti b) primary medullary sex cords develop into ovarian follicles c) ductuli efferentes of epididymis develop from, mesonephric ducts d) primary germ cells arise from yolk sac</p>	
9	<p>Which statement about development of external genital is NOT correct?</p> <p>a) labio-scrotal swellings give rise to scrotum in male b) urethral (cloacal) folds give rise to corpus penis in male c) labio-scrotal swellings give rise to labia minora in female d) non-fused urethral (cloacal) folds give rise to vestibulum vaginae in female</p>	
10	<p>Failure of formation and migration of primordial germ cells results in:</p> <p>a) Turner's syndrome b) Klinefelter's syndrome c) pseudohermafroditism d) gonadal agenesis</p>	
11	<p>Failure of urethral folds to fuse would be expected to result in:</p> <p>a) epispadias b) extrophy of urinary bladder c) fisura of the ureter d) hypospadias</p>	
12	<p>Which statement about development of endocrine glands is NOT correct?</p> <p>a) adenohypophysis develops from ectoderm b) parafollicular cells of thyroid glands develops from neural crest c) foramen caecum is rudiment of development of thyroid gland d) cortex of adrenal gland develops from coelomic mesothelium</p>	
13	<p>Which statement about development of endocrine glands is correct?</p> <p>a) epiphysis develops from Rathke's pouch b) follicular cells of thyroid gland develop from endoderm c) a pair of superior parathyroid glands originates from 3rd ectodermal pouches d) medulla of adrenal gland is of neural crest origin</p>	
14	<p><u>Name the primary and</u></p> <p>1 – 2 – 3 –</p>	<p><u>secondary brain vesicles are:</u></p> <p>1 – 2 – 3 – 4 – 5 –</p>