

## Anatomy

- 1) The growing end of long bone is: -
- A) The epiphyseal end which fuses in the last
  - B) The end opposite the direction of nutrient artery
  - C) A & B both
  - D) None of the above
- 

- 2) Henry gray was born in the year: -
- A) 1847
  - B) 1861
  - C) 1827
  - D) 1879
- 

- 3) The vein pierces the clavipectoral fascia is: -
- A) Lateral pectoral
  - B) Cephalic
  - C) Axillary
  - D) None of the above
- 

- 4) The bone that does not ossify by two primary centres is: -
- A) Parietal
  - B) Frontal
  - C) Clavicle
  - D) Temporal
- 

- 5) The perichondrium is absent in: -
- A) Hyaline & elastic cartilage
  - B) Hyaline & fibrocartilage
  - C) Articular & fibrocartilage
  - D) Elastic & articular cartilage
- 

- 6) The cartilage which never calcifies is: -
- A) Hyaline cartilage
  - B) Elastic cartilage
  - C) Fibro cartilage
  - D) None of the above
- 

- 7) Arteries supplying the following are not end arteries: -
- A) Liver & kidney
  - B) Retina & brain
  - C) Lung & spleen
  - D) Ovary & uterus
- 

- 8) The nerve which has no cutaneous branch is: -
- A) S 5
  - B) C 1
  - C) L 1
  - D) T 12

9) The neuro-vascular plane is present between: -

- A) Superficial & deep fascia
  - B) Middle & superficial muscle layers of body wall
  - C) Middle & deepest muscle layers of body wall
  - D) All of the above
- 

10) The ligament of bigelow is: -

- A) Ileo-femoral ligament
  - B) Pubo-femoral ligament
  - C) Lieno-renal ligament
  - D) Sacro-tuberous ligament
- 

11) The bucket-handle movement of thoracic cage increases the : -

- A) Vertical diameter
  - B) Transverse diameter
  - C) Antero-posterior diameter
  - D) None of the above
- 

12) All are hybrid / composite muscles except: -

- A) Brachialis
  - B) Flexor digitorum profundus
  - C) Brachioradialis
  - D) Pectineus
- 

13) All are branches of axillary artery except: -

- A) Suprascapular artery
  - B) Subscapular artery
  - C) Superior thoracic artery
  - D) Thoraco-acromial artery
- 

14) The lower lateral cutaneous nerve of arm is a branch of : -

- A) Musculocutaneous nerve
  - B) Radial nerve
  - C) Axillary nerve
  - D) Median nerve
- 

15) The tendon directly medial to the dorsal tubercle of radius is: -

- A) Extensor pollicis longus
  - B) Extensor pollicis brevis
  - C) Extensor indicis
  - D) Extensor carpi radialis brevis
- 

16) The metacarpal bone with the epiphysis at proximal end is: -

- A) First
  - B) Fifth
  - C) A & B both
  - D) None of the above
- 

17) The area of buttocks preferred for im injection is: -

- A) Lower & inner quadrant
- B) Upper & inner quadrant
- C) Upper & outer quadrant
- D) Lower & outer quadrant

18) The muscles inserted into iliotibial tract are: -

- A) Tensor fasciae latae & gluteus medius
  - B) Tensor fasciae latae & gluteus maximus
  - C) Gluteus maximus & gluteus minimus
  - D) Quadratus femoris & gluteus maximus
- 

19) The sesamoid bones in foot are found in tendons of: -

- A) Flexor hallucis longus
  - B) Flexor hallucis brevis
  - C) Flexor digitorum longus
  - D) Flexor digitorum accessorius
- 

20) The 'keystone' of medial longitudinal arch of foot is: -

- A) Calcaneus
  - B) Talus
  - C) Cuboid
  - D) First metatarsal
- 

21) The linea terminalis of bony pelvis includes: -

- A) Pubic crest, pectin pubis & sacral promontory
  - B) Pubic crest, pectin pubis & iliac arcuate line
  - C) Pubic crest, pectin pubis & superior ramus of pubis
  - D) Pectin pubis, iliac arcuate line & sacral promontory
- 

22) The parietal pleura is derived from: -

- A) Somatopleuric mesoderm
  - B) Splanchnopleuric mesoderm
  - C) Intermediate mesoderm
  - D) Somites
- 

23) The wall of aorta is known for high contents of: -

- A) Muscle cells
  - B) Collagen fibres
  - C) Elastic fibres
  - D) All of the above
- 

24) In the mid axillary line inferior margin of pleura crosses the: -

- A) 6th rib
  - B) 8th rib
  - C) 10th rib
  - D) 12th rib
- 

25) The mediastinal surface of right lung is not related to: -

- A) Right atrium
  - B) Arch of azygos vein
  - C) Arch of aorta
  - D) Inferior vena cava
- 

26) All are true about bronchopulmonary segment except: -

- A) Pyramidal in shape
- B) Aerated by tertiary bronchus
- C) Has its own segmental artery
- D) Has its own segmental vein

27) The vertebrochondral ribs are: -

- A) 1st to 7th
  - B) 8th to 10th
  - C) 11th & 12th
  - D) 8th to 12th
- 

28) The internal spermatic fascia is derived from: -

- A) Aponeurosis of external oblique
  - B) Aponeurosis of internal oblique
  - C) Fascia transversalis
  - D) Peritoneum
- 

29) All are present within lesser omentum except: -

- A) Portal vein
  - B) Hepatic vein
  - C) Hepatic artery
  - D) Common bile duct
- 

30) All are contents of rectus sheath except: -

- A) Rectus abdominis
  - B) Subcostal nerve
  - C) Superior epigastric artery
  - D) Iliioinguinal nerve
- 

31) All are the constituents of spermatic cord except: -

- A) Ductus deferens
  - B) Cremasteric artery
  - C) Iliohypogastric nerve
  - D) Testicular veins
- 

32) The nervi erigentes are: -

- A) Parasympathetic nerves
  - B) Sympathetic nerves
  - C) Sensory nerves
  - D) None of the above
- 

33) All are true about peritoneum in females except: -

- A) It is the largest serous sac
  - B) It is a closed sac
  - C) It is lined by mesothelium
  - D) It is derived from mesoderm
- 

34) All are the contents of sacral canal except: -

- A) Filum terminale
  - B) Spinal meninges
  - C) Conus medullaris
  - D) Cauda equina
- 

35) The rider's bone is related to the attachment of the: -

- A) Adductor magnus
- B) Adductor longus
- C) Gracilis
- D) Pectineus

36) All structures related to the epiploic foramen except: -

- A) Caudate lobe of liver superiorly
  - B) First part of duodenum inferiorly
  - C) Right free margin of lesser omentum anteriorly
  - D) Portal vein posteriorly
- 

37) The uterus leans forwards at an angle to the vagina is called: -

- A) Anteversion
  - B) Anteflexion
  - C) Retroflexion
  - D) Retroversion
- 

38) All are the site of primary internal hemorrhoids except: -

- A) 3 o' clock
  - B) 5 o' clock
  - C) 7 o' clock
  - D) 11 o' clock
- 

39) The median umbilical ligament is remnant of: -

- A) Left umbilical vein
  - B) Ductus venosus
  - C) Umbilical artery
  - D) Urachus
- 

40) The median elevation connecting two superciliary arches is: -

- A) Nasion
  - B) Glabella
  - C) Bregma
  - D) Obelion
- 

41) The structure that does not pass through the foramen magnum is: -

- A) Apical ligament
  - B) Spinal accessory nerves
  - C) Membrana tectoria
  - D) Transverse band of cruciate ligament
- 

42) The nasolacrimal duct opens into the: -

- A) Superior meatus
  - B) Middle meatus
  - C) Inferior meatus
  - D) Vestibule of nose
- 

43) The supranuclear facial nerve palsy involves only: -

- A) Contralateral half of the face
  - B) Ipsilateral half of the face
  - C) Upper half of the contralateral face
  - D) Lower half of the contralateral face
- 

44) The virchow's lymph nodes are: -

- A) Right supraclavicular nodes
- B) Right infraclavicular nodes
- C) Left supraclavicular nodes
- D) Left infraclavicular nodes

45) All are 'strap'/ 'ribbon' muscles except: -

- A) Omohyoid
  - B) Sternocleidomastoid
  - C) Stenohyoid
  - D) Thyrohyoid
- 

46) The lacrimal gland receives secretomotor innervation from: -

- A) Ciliary ganglion
  - B) Otic ganglion
  - C) Pterygopalatine ganglion
  - D) Submandibular ganglion
- 

47) The inferior thyroid artery is a branch of: -

- A) Thyrocervical trunk
  - B) Brachiocephalic trunk
  - C) External carotid
  - D) Internal carotid
- 

48) All are true about "Killian's dehiscence" except: -

- A) It is a diverticulum between two parts of inferior constrictor of pharynx
  - B) It is a diverticulum between middle & inferior constrictors of pharynx
  - C) It is due to neuromuscular incoordination
  - D) Such diverticula are normal in pig
- 

49) All cranial nerves carry taste sensations except: -

- A) VII
  - B) IX
  - C) X
  - D) XI
- 

50) The neurons of the autonomic ganglion are: -

- A) Unipolar
  - B) Bipolar
  - C) Multipolar
  - D) Pseudounipolar
- 

51) All are related to falx cerebri except: -

- A) Superior sagittal sinus
  - B) Inferior sagittal sinus
  - C) Sigmoid sinus
  - D) Straight sinus
- 

52) The ligamentum denticulatum is an extension of: -

- A) Dura mater
  - B) Arachnoid mater
  - C) Pia mater
  - D) Ligamentum flavum
- 

53) The facial colliculus is formed by: -

- A) Facial nucleus with its fibres
- B) Abducent nucleus with its fibres
- C) Abducent nucleus with fibres of facial nerve
- D) Facial nucleus with fibres of abducent nerve

54) The fasciculus gracilis carries all sensation except: -

- A) Tactile localisation
  - B) Stereognosis
  - C) Conscious proprioception
  - D) Unconscious proprioception
- 

55) The floor of third ventricle is formed by all except: -

- A) Optic chiasma
  - B) Mammillary bodies
  - C) Pineal body
  - D) Tuber cinereum
- 

56) The fibres present in middle cerebellar peduncle are: -

- A) Ventral spinocerebellar
  - B) Posterior spinocerebellar
  - C) Pontocerebellar
  - D) Trigemino cerebellar
- 

57) The lesion of optic tract cause: -

- A) Amblyopia
  - B) Homonymous hemianopia
  - C) Tunnel vision
  - D) Superior quadrantic anopia
- 

58) The nucleus ambiguus contribute to all the following cranial nerves except: -

- A) Ix
  - B) X
  - C) Xi
  - D) Xii
- 

59) The somatic efferent nuclei includes the all except: -

- A) IV nerve nucleus
  - B) V nerve nucleus
  - C) Vi nerve nucleus
  - D) Xii nerve nucleus
- 

60) Which of the following nucleus of trigeminal nerve has first order neurone: -

- A) Main sensory
  - B) Mesencephalic
  - C) Spinal
  - D) None of the above
- 

61) The wallenberg syndrome leads to all except: -

- A) Dysphagia
  - B) Loss of pain & temperature of contralateral half of the body
  - C) Contralateral hemiplegia
  - D) Ataxia
- 

62) The vpl nucleus of thalamus receives all sensation except: -

- A) Touch
- B) Pain
- C) Visceral
- D) Proprioceptive

63) The lunate sulcus is an example of: -

- A) Limiting sulcus
  - B) Axial sulcus
  - C) Operculated sulcus
  - D) Complete sulcus
- 

64) The rhombencephalon includes all except: -

- A) Medulla oblongata
  - B) Thalamus
  - C) Pons
  - D) Cerebellum
- 

65) Plane x- ray abdomen showing multiple levels of fluid & gas suggest: -

- A) Acute cholecystitis
  - B) Acute intestinal obstruction
  - C) Pyloric stenosis
  - D) Achalasia cardia
- 

66) All are true about respiratory distress syndrome except: -

- A) Occurs in premature infants
  - B) Caused by deficiency of surfactant
  - C) Its incidence is directly proportional to gestational age
  - D) Its incidence is inversely proportional to gestational age
- 

67) All are characteristics of immotile cilia syndrome except: -

- A) Immotile spermatozoa
  - B) Associated with infertility
  - C) Associated with chronic respiratory infections
  - D) Associated with impotency
- 

68) All are the tributaries of coronary sinus except: -

- A) Great cardiac vein
  - B) Anterior cardiac vein
  - C) Middle cardiac vein
  - D) Small cardiac vein
- 

69) The abductor muscle of larynx is: -

- A) Cricothyroid
  - B) Posterior cricoarytenoid
  - C) Thyroarytenoid
  - D) Transverse arytenoid
- 

70) The tetralogy of fallot includes all except: -

- A) Pulmonary infundibular stenosis
  - B) Hypertrophy of right ventricle
  - C) Atrial septal defect
  - D) Overriding aorta above the septal defect
- 

71) Left atrium develops from all of the following except;

- A) Left half of primitive atrium
- B) Left half of atrioventricular canal
- C) Sinus venosus
- D) Absorption of pulmonary veins



72) The taste area represented in cerebral cortex is ;

- A) Area 43
  - B) Area 41
  - C) Area 42
  - D) Area 45
- 

73) Hofbauer cells are seen in ;

- A) Intestines
  - B) Placenta
  - C) Adrenal gland
  - D) Seminiferous tubules
- 

74) Lens is developed from ;

- A) Surface ectoderm
  - B) Neuro ectoderm
  - C) Neural crest
  - D) Mesoderm
- 

75) Typical intercostal nerve is ;

- A) Second thoracic
  - B) Sixth thoracic
  - C) Eight thoracic
  - D) Eleventh thoracic
- 

76) The total C.S.F volume present in the ventricles is ;

- A) 500 ml
  - B) 1.5 litres
  - C) 150 ml
  - D) 2 litres
- 

77) Circumventricular organ present in the fourth ventricle is ;

- A) Organum vasculosum
  - B) Subfornical organ
  - C) Area postrema
  - D) Median eminence
- 

78) All is correct regarding Clara cells except ;

- A) Bronchiolar cells
  - B) Secrete surfactant
  - C) Replace the damaged cells
  - D) Help in exchange of gases
- 

79) If the posterior interventricular artery is a branch from Circumflex artery it is called as ;

- A) Right dominance
  - B) Left dominance
  - C) Co dominance
  - D) None of the above
- 

80) Leptomeninges develop from ;

- A) Ectoderm
- B) Mesoderm
- C) Neural crest
- D) Neuroectoderm

81) The remnants of notochord are ;

- A) Body of the vertebra
  - B) Nucleus pulposus
  - C) Apical ligament of Dens
  - D) Both B & C
- 

82) The skin at the tip of the middle finger is supplied by ;

- A) Median nerve
  - B) Ulnar nerve
  - C) Radial nerve
  - D) None of the above
- 

83) The main source of blood supply to liver is ;

- A) Hepatic artery
  - B) Portal vein
  - C) Hepatic vein
  - D) Gastrroduodenal artery
- 

84) Lesion of Radial nerve in the radial groove causes all except;

- A) Wrist drop
  - B) Loss of cutaneous sensation in the arm , forearm and hand
  - C) Loss of supination
  - D) Loss of extension at the elbow
- 

85) All the ovarian follicles are formed by ;

- A) 5 month of prenatal life
  - B) 7 months of prenatal life
  - C) At birth
  - D) At puberty
- 

86) Lymphatics of testis drain into ;

- A) Para aortic
  - B) Internal iliac
  - C) Coeliac
  - D) Superficial inguinal
- 

87) Foramen caecum is an important land mark for the development of;

- A) Thyroid gland
  - B) Tonsils
  - C) Superior parathyroid
  - D) Inferior parathyroid
- 

88) Adenohypophysis develops from ;

- A) Neurodiverticulum
  - B) Midbrain
  - C) Hindbrain
  - D) Rathke's pouch from roof of stomatodeum
- 

89) Gubernaculum in adult males is represented in females by ;

- A) Broad ligament
- B) Ligament of ovary
- C) Round ligament of uterus
- D) Both B & C

90) Homologous organ of uterus in males is ;

- A) Prostate
  - B) Paramesonephric duct
  - C) Prostatic utricle
  - D) Appendix of testis
- 

91) Myelination in the central nervous system is done by;

- A) Astrocytes
  - B) Oligodendroglial cells
  - C) Schwann cells
  - D) Microglia
- 

92) The correct statement regarding epithelium is;

- A) Squamous epithelial cells are cube shaped
  - B) Stratified epithelium consists of a single layer of cells
  - C) Stratified cuboidal epithelial will have two or more layers of cells
  - D) Simple columnar epithelium consists of flat and scale like cells
- 

93) All the following muscles are muscles of facial expression except;

- A) Platysma
  - B) Frontal belly of occipito frontalis
  - C) Nasalis
  - D) Temporalis
- 

94) All the following structures are present within the substance of the parotid gland except ;

- A) Facial nerve
  - B) Retromandibular vein
  - C) Facial artery
  - D) Parotid lymph nodes
- 

95) Lymphatic nodules are absent in ;

- A) Tonsils
  - B) Appendix
  - C) Lymph nodes
  - D) Thymus
- 

96) Which bone does not part in the formation of knee joint?

- A) Femur
  - B) Tibia
  - C) Fibula
  - D) Patella
- 

97) Which of the following muscles is not innervated by the hypoglossal nerve?

- A) Genioglossus
  - B) Hyoglossus
  - C) Styloglossus
  - D) Palatoglossus
- 

98) The first web space in the foot is dorsally innervated by ;

- A) Common peroneal nerve
- B) Superficial peroneal nerve
- C) Tibial nerve
- D) Deep peroneal nerve

99) Following are the contents of popliteal fossa except ;

- A) Tibial nerve
  - B) Common peroneal nerve
  - C) Saphenous nerve
  - D) Popliteal vessels
- 

100) Stapedius muscle is supplied by ;

- A) Mandibular nerve
- B) Facial nerve
- C) Trigeminal nerve
- D) Abducent nerve