

# PROVISIONAL ANSWER KEY

Question Paper Code:	104/2017/OL
Category Code:	140/2017
Exam:	Sr Lecturer in Anatomy NCA
Medium of Question:	English
Date of Test	12-01-2018
Department	Medical Education
Alphacode	A

Question1:- \_\_\_\_ of Indian constitution gives protection against arbitrary arrest and detention.

- A:-Article 21 A
- B:-Article 21
- C:-Article 22
- D:-Article 24

Correct Answer:- Option-C

Question2:-In India a Money Bill should be introduced in

- A:-Rajya Sabha
- B:-Lok Sabha
- C:-Senate
- D:-House of Lords

Correct Answer:- Option-B

Question3:-The Parliament of India approved \_\_\_\_ bill which check the black money in the country and provides strict measures against violators.

- A:-Whistle Blowers Act
- B:-Consumer Protection Bill of 2015
- C:-Benami transaction bill of 2015
- D:-Goods and Services Tax bill

Correct Answer:- Option-C

Question4:- \_\_\_\_ organisation was founded in 1892 for the conservation of natural resources.

- A:-Sierra Club
- B:-Rainforest Alliances
- C:-Greenpeace
- D:-Environmental Defense

Correct Answer:- Option-A

Question5:-Ulloor S Parameswara Ayyar was born at

- A:-Ulloor
- B:-Changanassery
- C:-Kilimanoor
- D:-Cheruthuruthy

Correct Answer:- Option-B

Question6:-"Viswadarsanam" is the work of

- A:-Vayalar Ramavarma
- B:-Kesavadev
- C:-G. Sankara Kurup
- D:-Ponkunnam Varkey

Correct Answer:- Option-C

Question7:-"Christumathachedanam" is the work of

- A:-Poikayil Kumaragurudevan
- B:-Kuriakose Elias Chavara
- C:-Pampady John Joseph
- D:-Chattampi Swamikal

Correct Answer:- Option-D

Question8:-In which year Gandhiji reached Vaikom in connection with Vaikom Satyagraha ?

- A:-1925
- B:-1920
- C:-1930
- D:-1926

Correct Answer:- Option-A

Question9:-ValaSamudaya Parishkarana sabha is related

- A:-Vagbhatanandan
- B:-Sree Narayana Guru
- C:-Subhananda Guru
- D:-K.P. Karuppan

Correct Answer:- Option-D

Question10:-Kerala State Library Council (KSLC) came into being in

- A:-1994
- B:-1990
- C:-1999
- D:-1998

Correct Answer:- Option-A

Question11:-The publication "Prabhodhakan" is related to

- A:-Kunjiramamenon
- B:-P.K. Balakrishnan
- C:-Kesari Balakrishnapillai
- D:-Daniel

Correct Answer:- Option-C

Question12:-Who translated Sakuntalam which won for him the title of "Kerala Kalidasa" ?

- A:-A.R. Rajaraja Varma
- B:-Kochunni Thampuran
- C:-Kunhikuttan
- D:-Kerala Varman Valiya Koil Thampuran

Correct Answer:- Option-D

Question13:-"Kannuneerthulli" of Nalappattu Narayana Menon is an

- A:-Elegy
- B:-Drama
- C:-Short Story
- D:-Novel

Correct Answer:- Option-A

Question14:- \_\_\_\_\_ is the first Indian woman scientist assumed the charge of Project Director of Agni IV.

- A:-Janaki Ammal
- B:-Asima Chatterji
- C:-Tessy Thomas
- D:-Indira Hinduja

Correct Answer:- Option-C

Question15:-The Present Chairman of Kerala Public Service Commission

- A:-A Salahudeen
- B:-M.K. Sakeer
- C:-Gangadhara Kurup
- D:-K.S. Radhakrishnan

Correct Answer:- Option-B

Question16:-The second film of G.Aravindan is

- A:-Uttarayanam
- B:-Kummatty
- C:-Oridathu
- D:-kanchanasita

Correct Answer:- Option-D

Question17:-Father of Tinu Yohannan

- A:-T.C. Yohannan
- B:-M.C. Yohannan
- C:-K.C. Yohannan
- D:-C.M. Yohannan

Correct Answer:- Option-A

Question18:-Ophiology is the scientific study of

- A:-Birds
- B:-Apes
- C:-Snakes
- D:-Elephants

Correct Answer:- Option-C

Question19:-Early name of Vagbhadanandan

A:-Nanu

B:-Kunjikannan

C:-Pappankutty

D:-Kunjanpillai

Correct Answer:- Option-B

Question20:-Husband of Accamma Cheriyan

A:-V.V. Varkey

B:-P.Joseph

C:-Thomas

D:-Cheriyan

Correct Answer:- Option-A

Question21:-Branche of radial nerve in the axilla supplies which muscle ?

A:-Lateral head of triceps

B:-Long head of triceps

C:-Anconeus

D:-Brachioradialis

Correct Answer:- Option-B

Question22:-Following events takes place at the level of insertion of coracobrachialis, except

A:-Cross Sectional shape of humerus of changes

B:-Basilic vein passes into deep plane

C:-Median nerve crosses cephalic vein

D:-Medial cutaneous nerve of arm pierces deep fascia at this level

Correct Answer:- Option-C

Question23:-The nerve supply of first lumbrical is by

A:-Ulnar nerve

B:-Median nerve

C:-Radial nerve

D:-Anterior interosseous nerve

Correct Answer:- Option-B

Question24:-Second Dorsal Interosseous muscle supplied by

A:-ulnar nerve

B:-median nerve

C:-radial nerve

D:-both a and b

Correct Answer:- Option-A

Question25:-Root of finger nail covered with soft keratin is called

A:-eponychium

B:-paronychium

C:-lunula

D:-nail bed

Correct Answer:- Option-A

Question26:-Content of 'Anatomical snuff box' is

A:-abductor pollicis longus

B:-radial artery

C:-extensor pollicis longus

D:-styloid process of ulna

Correct Answer:- Option-B

Question27:-Fourth compartment of extensor retinaculum contains all except.

A:-anterior interosseous artery

B:-posterior interosseous nerve

C:-tendon of extensor indicis

D:-tendon of extensor digitorum profundus

Correct Answer:- Option-D

Question28:-Scapular anastomosis include all except

A:-suprascapular artery

B:-thoraco acromial artery

C:-posterior circumflex humeral artery

D:-anterior circumflex humeral artery

Correct Answer:- Option-D

Question29:-Subscapular bursa of shoulder joint is seen in between

A:-Superior glenohumeral ligament and middle glenohumeral ligament

B:-Middle glenohumeral ligament and inferior glenohumeral ligament

C:-Above superior glenohumeral ligament

D:-Below inferior glenohumeral ligament

Correct Answer:- Option-A

Question30:-Radial tripod includes movements of the finger tips of following fingers except.

A:-thumb

B:-middle finger

C:-index finger

D:-ring finger

Correct Answer:- Option-D

Question31:-Patella develop as a sesamoid bone in the tendon of

A:-Quadriceps femoris

B:-Quadratus femoris

C:-Flexor carpi ulnaris

D:-Medial head of gastrocnemius

Correct Answer:- Option-A

Question32:-Name the muscle that is not attached to the little toe

A:-third plantar interosseous muscle

B:-abductor digiti minimi

C:-third dorsal interosseous muscle

D:-flexor digiti minimi brevis

Correct Answer:- Option-C

Question33:-Morphologically soleus muscle corresponds with which muscle of fore arm

A:-pronator teres

B:-flexor digitorum superficialis

C:-flexor digitorum profundus

D:-pronator quadratus

Correct Answer:- Option-B

Question34:-Normally Deep External Pudendal artery is a branch of

A:-Femoral artery

B:-Profunda femoris artery

C:-Medial circumflex femoral artery

D:-Obturator artery

Correct Answer:- Option-A

Question35:-In 'anterior leg syndrome' pulsation of which artery usually disappears ?

A:-popliteal artery

B:-anterior tibial artery

C:-dorsalis pedis artery

D:-posterior tibial artery

Correct Answer:- Option-C

Question36:-Cranial neuropore closes by around

A:-15<sup>th</sup> day

B:-20<sup>th</sup> day

C:-25<sup>th</sup> day

D:-35<sup>th</sup> day

Correct Answer:- Option-C

Question37:-During Neurulation process the `BMP\_(4)` inactivation is caused by

A:-Noggin

B:-Elastin

C:-Chordin

D:-Both a and c

Correct Answer:- Option-D

Question38:-Commonest type of twinning is

A:-Monozygotic bichorionic

B:-Monochorionic diamniotic

C:-Monochorionic monoamniotic

D:-Conjoint twins

Correct Answer:- Option-B

Question39:-In pygopagus type of twinning which region is seen fused ?

A:-thorax

B:-legs

C:-abdomen

D:-sacral

Correct Answer:- Option-D

Question40:-Which type of joint is pubic symphysis

A:-primary cartilaginous

B:-secondary cartilaginous

C:-plane synovial

D:-gomphosis

Correct Answer:- Option-B

Question41:-Following one anomaly considered is considered as 'atavistic' one

A:-Accessory pancreas

B:-Duodenal atresia

C:-Pancreatic cyst

D:-Annular pancreas

Correct Answer:- Option-A

Question42:-Inferior cerebellar peduncle is also called by the name

A:-Restiform body

B:-Cuneo cerebellar peduncle

C:-Arcuate cerebellar peduncle

D:-Arcuato floccular tract

Correct Answer:- Option-A

Question43:-Posterolateral sulcus contain root lets of all cranial nerve except

A:-glossopharyngeal

B:-vagus

C:-hypoglossal

D:-cranial accessory

Correct Answer:- Option-C

Question44:-Which among the following is vestibulo cerebellum ?

A:-Archicerebellum

B:-Paleocerebellum

C:-Neocerebellum

D:-Spinocerebellum

Correct Answer:- Option-A

Question45:-Bulb of Posterior horn of lateral ventricle is produced by

A:-Forceps minor

B:-Forceps major

C:-Calcarine Sulcus

D:-Optic radiation

Correct Answer:- Option-B

Question46:-In Lasrsell's classification Paleocerebellum includes

A:-anterior lobe + pyramid

B:-anterior lobe - lingula plus pyramid and uvula

C:-anterior lobe - lingula plus uvula

D:-anterior lobe, uvula and pyramid

Correct Answer:- Option-B

Question47:-Nucleus 'Z' is located between

A:-Dorsal and medial accessory nucleus

B:-Upper end of Gracilis nucleus and lower end of vestibular nucleus

C:-Between hypoglossal Nucleus and Dorsal Nucleus of Vagus

D:-Dorsal Nucleus of vagus and vestibular nucleus

Correct Answer:- Option-B

Question48:-In Wallen berg syndrome which artery is involved ?

A:-Anterior cerebellar artery

- B:-Middle cerebral artery
  - C:-Posterior cerebral artery
  - D:-Posterior cerebellar inferior artery
- Correct Answer:- Option-D

Question49:-Constituents of pyriform lobe are the following except

- A:-gyrus semilunaris
- B:-entorhinal area
- C:-dentate gyrus
- D:-pre piriform area

Correct Answer:- Option-C

Question50:-Meta thalamus refers to

- A:-tegmentum of mid brain
- B:-Subthalamic region
- C:-Hypothalamus and mammillary bodies
- D:-Medial and Lateral geniculate bodies

Correct Answer:- Option-D

Question51:-Regarding arachnoid granulations which statement is true ?

- A:-No change with age
- B:-Seen in the region of sigmoid sinus
- C:-Also called Pacchionion bodies
- D:-Help in formation of CSF

Correct Answer:- Option-C

Question52:-One of the following muscular branches of Mandibular nerve is not from anterior division, which is that

- A:-Masseteric
- B:-Temporal
- C:-Nerve to lateral pterygoid
- D:-Nerve to Medial Pterygoid

Correct Answer:- Option-D

Question53:-Through Oculomotor foramen which structure is passed

- A:-Abducent nerve
- B:-Frontal nerve
- C:-Ophthalmic vein
- D:-Lacrimal nerve

Correct Answer:- Option-A

Question54:-Inferior thyroid artery is a branch of

- A:-Costocervical trunk of subclavian artery
- B:-Thyrocervical trunk of subclavian artery
- C:-External carotid artery
- D:-Arch of Aorta

Correct Answer:- Option-B

Question55:-Frowning muscle is

- A:-Dialator naris
- B:-Procerus
- C:-Corrugator super cilia
- D:-Zygomatic minor

Correct Answer:- Option-C

Question56:-Direction of Nasolacrimal duct, true statement is

- A:-Forwards downwards and laterally
- B:-Downwards backwards and laterally
- C:-Downwards backwards and medially
- D:-Forwards downwards and medially

Correct Answer:- Option-B

Question57:-Part of the parotid gland seen between ramus of mandible and medial pterygoid muscle is called

- A:-ramus process
- B:-anterior process
- C:-pterygoid process
- D:-facial process

Correct Answer:- Option-C

Question58:-External carotid artery gives off how many branches in carotid triangle ?

A:-5

B:-6

C:-7

D:-8

Correct Answer:- Option-A

Question59:-Foramen rotundum transmits which structure ?

A:-maxillary nerve

B:-maxillary artery

C:-zygomatic nerve

D:-mandibular nerve

Correct Answer:- Option-A

Question60:-Structure within the cavernous sinus include

A:-maxillary division of trigeminal

B:-superior ophthalmic vein

C:-optic nerve

D:-abducent nerve

Correct Answer:- Option-D

Question61:-Whitnall's tubercle is seen on which bone ?

A:-Frontal

B:-Nasal

C:-Zygomatic

D:-Maxilla

Correct Answer:- Option-C

Question62:-The cranial nerve that emerge out through the side of frenulum veli is

A:-Oculomotor nerve

B:-Trochlear nerve

C:-Trigeminal nerve

D:-Abducent nerve

Correct Answer:- Option-B

Question63:-How many layers are there for masseter muscle ?

A:-1

B:-2

C:-3

D:-4

Correct Answer:- Option-C

Question64:-Dartos muscle supplied by sympathetic supply from

A:-Superior hypogastric plexus

B:-Inferior hypogastric plexus

C:-Genito femoral nerve

D:-Sacral plexus

Correct Answer:- Option-A

Question65:-The tributaries received by the trunk part of portal vein are

A:-Superior mesenteric and splenic vein

B:-Splenic vein and right gastric vein

C:-Cystic vein and para umbilical vein

D:-Cystic vein and left gastric vein

Correct Answer:- Option-B

Question66:-Length of Pancreatic neck region is about

A:-3 cm

B:-1 cm

C:-0.5 cm

D:-2 cm

Correct Answer:- Option-D

Question67:-Inferior rectal artery is a branch of

A:-Inferior mesenteric artery

B:-Internal iliac artery

C:-Internal pudendal artery

D:-Middle rectal artery

Correct Answer:- Option-C

Question68:-Ischiococcygeus muscle degenerated to form which ligament ?

- A:-Perineal body
  - B:-Sacrospinous ligament
  - C:-Sacrotuberous ligament
  - D:-Poupart's ligament
- Correct Answer:- Option-B

Question69:-Boundaries of gastric triangle include all except

- A:-Lower border of liver on the right side
  - B:-Left costal margin on the left side
  - C:-Below transverse colon
  - D:-Lower border of left lung
- Correct Answer:- Option-D

Question70:-During pyloric surgery which one is considered as important land mark ?

- A:-Vagal trunk
  - B:-Pre pyloric vein of mayo
  - C:-Incisura angularis
  - D:-Bile staining
- Correct Answer:- Option-B

Question71:-Quadrate shaped caecum is seen in which type of caecum ?

- A:-adult type
  - B:-normal
  - C:-exaggerated type
  - D:-infantile type
- Correct Answer:- Option-D

Question72:-Renal veins begin beneath the renal capsule as

- A:-Renal plexus
  - B:-Network of sinusoids
  - C:-Arcuate veins
  - D:-Stellate veins
- Correct Answer:- Option-D

Question73:-Which is true about space of Ritzius ?

- A:-Act as a bursa
  - B:-Act as a fluid filled space
  - C:-Triangular in shape
  - D:-On the posterior aspect of bladder
- Correct Answer:- Option-A

Question74:-Following relation of the kidney is non peritoneal except

- A:-Supra renal
  - B:-Jejunal
  - C:-Colic
  - D:-Duodenal
- Correct Answer:- Option-B

Question75:-Ovula Nebothi are

- A:-Histological appearance of cervix
  - B:-Paculiar feature of cervical canal
  - C:-Dilated cervical glands bulging into cervical canal
  - D:-Functional significance of cervical canal
- Correct Answer:- Option-C

Question76:-Root value of sacral plexus is

- A:-`S\_(1)` , `S\_(2)` , `S\_(3)` and `S\_(4)`
  - B:-`L\_(4)` , `L\_(5)` , `L\_(6)` , `S\_(1)` , `S\_(2)` and `S\_(3)`
  - C:-`L\_(4)` , `L\_(5)` , `S\_(1)` , `S\_(2)` , `S\_(3)` and `S\_(4)`
  - D:-`L\_(5)` , `S\_(1)` , `S\_(2)` , `S\_(3)` and `S\_(4)`
- Correct Answer:- Option-C

Question77:-In which vessel blood flow occurs in diastole

- A:-lower limb vessels
- B:-oesophageal vessels
- C:-coronary vessels
- D:-renal vessels



Correct Answer:- Option-C

Question78:-Length of thoracic part of oesophagus is about

- A:-8 cm
- B:-20 cm
- C:-12.5 cm
- D:-25 cm

Correct Answer:- Option-B

Question79:-Nuclear origin of vagus nerve include all except

- A:-Nucleus ambiguus
- B:-Dorsal Nucleus of vagus
- C:-Nucleus of tractus solitarius
- D:-Vestibular Nucleus

Correct Answer:- Option-D

Question80:-Contents of rectus sheath include

- A:-Rectus abdominis
- B:-Pyramidalis
- C:-Superior epigastric artery
- D:-All the above

Correct Answer:- Option-D

Question81:-Raspberry red tumour is due to

- A:-Vitellointestinal duct-distal part
- B:-Meckel's diverticulum
- C:-Testicular bulging
- D:-Appendicular inflammation

Correct Answer:- Option-A

Question82:-Which joint is an example for pivot joint ?

- A:-Sternocostal joint
- B:-Superior radioulnar joint
- C:-Shoulder joint
- D:-Elbow joint

Correct Answer:- Option-B

Question83:-The upper one third of cervix of uterus including internal os is called

- A:-Functional isthmus
- B:-Isthmus
- C:-Upper segment
- D:-Body of uterus

Correct Answer:- Option-A

Question84:-Which statement is true regarding base of heart ?

- A:-Base forms posterior surface
- B:-Triangular in outline
- C:-Directed backwards to left
- D:-Formed by both left atrium and left ventricle

Correct Answer:- Option-A

Question85:-Which artery is considered as third coronary artery ?

- A:-left conus artery
- B:-right anterior interventricular branch
- C:-none of these
- D:-right conus artery

Correct Answer:- Option-D

Question86:-Content of posterior mediastinum includes

- A:-thymus
- B:-four pulmonary veins
- C:-vagus nerve
- D:-phrenic nerve

Correct Answer:- Option-C

Question87:-Arrangement of structures at hilum of left lung from above downwards are in order.

- A:-pulmonary artery, left principal bronchus, lower pulmonary vein
- B:-pulmonary artery, lower pulmonary vein, left principal bronchus
- C:-left principal bronchus, pulmonary vein, pulmonary artery

D:-pulmonary artery, pulmonary vein, left principal bronchus and its subdivisions

Correct Answer:- Option-A

Question88:-The inferior tracheo bronchial lymph nodes are otherwise known as \_\_\_\_ lymphnodes.

A:-Hilar

B:-Sentinel

C:-Subcarinal

D:-Paratracheal

Correct Answer:- Option-C

Question89:-During routine eosin-haematoxylin staining, red beaded cells in the fundus of stomach are

A:-oxyphill cells

B:-mucous neck cells

C:-chief cells

D:-oxyntic cells

Correct Answer:- Option-D

Question90:-'Hassal's corpuscles' are seen in

A:-Spleen

B:-Bone Marrow

C:-Glomerulus

D:-Thymus

Correct Answer:- Option-D

Question91:-Which among the following is derived from all the three embryonic layers ?

A:-optic nerve

B:-tympanic membrane

C:-mammary gland

D:-suprameatal triangle

Correct Answer:- Option-B

Question92:-"Stave Cells" are present in the histology of

A:-Spleen

B:-Thymus

C:-Bone marrow

D:-Lymph node

Correct Answer:- Option-A

Question93:-Lymphatics of liver starts as blind radicles in which space ?

A:-Bile canaliculi

B:-Spaces of Disse

C:-Space of Mall

D:-Sinusoids

Correct Answer:- Option-C

Question94:-Which is blood testis barrier ?

A:-adluminal compartment between the adjacent sertoli cells

B:-tight junctions produced by lateral processes of adjoining sertoli cells

C:-none of these

D:-fenestrated capillaries and basement membrane

Correct Answer:- Option-C

Question95:-Which cell has cart-wheel shaped nuclues ?

A:-plasma cells

B:-fibrocytes

C:-eosinophils

D:-monocytes

Correct Answer:- Option-A

Question96:-The position of Nucleus pulposus in cervical and thoracic regions

A:-shifted anteriorly

B:-central

C:-peripherally shifted

D:-shifted posteriorly

Correct Answer:- Option-B

Question97:-Cells of Juxtra glomerular apparatus consists of all except

A:-Macula densa

B:-Lacis cells

C:-Polkissan cells

D:-Juxtra rotary cells

Correct Answer:- Option-D

Question98:-What type of chromosomes are usually involved in Robertsonian type of translocations ?

A:-one acrocentric and one metacentric

B:-two acrocentric

C:-two metacentric

D:-one telocentric and one acrocentric

Correct Answer:- Option-B

Question99:-False statement regrading X-linked recessive trait is

A:-females are the carriers

B:-males are the victims of the diseases

C:-females are the usual victims of the diseases

D:-no male to male transmission

Correct Answer:- Option-C

Question100:-Largest carpal bone is

A:-capitate

B:-hamate

C:-pisiform

D:-scaphoid

Correct Answer:- Option-A