

## FINAL ANSWER KEY

Question 50/2024/OL

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Exam: Assistant Professor in Rachana Sharir (NCA- LC/AI)

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Question1:-Tongue is formed from the saarabhaga of kapha, \_\_\_\_\_ and maamsa.

A:-Pitta

B:-Shonitha

C:-Medas

D:-Majja

Correct Answer:- Option-B

Question2:-Pramaana of kurchamarma according to AcharyaVagbhata

A:-1 angula

B:-2 angula

C:-3 angula

D:-4 angula

Correct Answer:- Option-D

Question3:-Walking movement is occurring in which plane ?

A:-Sagittal plane

B:-Coronal plane

C:-Vertical plane

D:-Horizontal plane

Correct Answer:- Option-A

Question4:-Akroshana, Vinamana are the vidhalakshana of which shrotas ?

A:-Prana vahashrotas

B:-Udaka vahashrotas

C:-Anna vahashrotas

D:-Rasa vahashrotas

Correct Answer:- Option-A

Question5:-Which laryngeal muscle is known as safety muscle ?

A:-Crico thyroid

B:-Oblique arytenoid

C:-Posterior Crico arytenoid

D:-Transverse arytenoid

Correct Answer:- Option-C

Question6:-What is AnkyloGlossia ?

A:-Absence of tongue

B:-Bulky tongue

C:-Unable to protrude the tongue

D:-Increased salivation

Correct Answer:- Option-C

Question7:-According to AcharyaSushruta, how many peshi in Greeva ?

A:-Two

B:-Four

C:-Six

D:-Eight

Correct Answer:- Option-B

Question8:-Phylogenetically older part of red nucleus is

A:-Magno cellular part

B:-Parvo cellular part

C:-Tegmental part

D:-Nigral part

Correct Answer:- Option-A

Question9:-Name the male organ homologous with vagina.

A:-Penis

B:-Testis

C:-Prostatic utricle

D:-Prostate

Correct Answer:- Option-C

Question10:-Structurally Cornea contains these layers except

A:-Inner basal lamina

B:-Bowman's membrane

C:-Stroma

D:-Descemet's membrane

Correct Answer:- Option-A

Question11:-Trisomy 18 is termed as

A:-Patau Syndrome

B:-Edward's Syndrome

C:-Sex Chromosome Trisomy

D:-Klinfilitre's Syndrome

Correct Answer:- Option-B

Question12:-Medodharakala is made up of \_\_\_\_\_ mahabhuta.

A:-Pridwi

B:-Apa

C:-Tejas

D:-Vaayu

Correct Answer:- Option-A

Question13:-When vayu vitiates shukrashayadwara which napumsaka generates ?

A:-Pavanendriya

B:-Samskaravahi

C:-Shanda

D:-Vakri

Correct Answer:- Option-B

Question14:-Which is not a Vranavasthu ?

A:-Sira

B:-Koshta

C:-Marma

D:-Medas

Correct Answer:- Option-D

Question15:-Pleural fluid is continuously reabsorbed by

A:-Lymphatic system via stomata in the visceral pleura

B:-Capillaries

C:-Lymphatic system via stomata in the parietal pleura

D:-Directly into venules

Correct Answer:- Option-C

Question16:-Which one is not a branch of inferior mesenteric artery ?

A:-Inferior rectal artery

B:-Superior rectal artery

C:-Left colic artery

D:-Sigmoid artery

Correct Answer:- Option-A

Question17:-Kidneys develop embryologically from which structure ?

A:-Ventral foregut endoderm

B:-Ureteric bud

C:-Dorsal foregut endoderm

D:-Pelvic bud

Correct Answer:- Option-B

Question18:-Which nucleus is concerned with Pupillarylight reflex ?

A:-Red nucleus

B:-Raphae nucleus

C:-Edinger-Westphal nucleus

D:-Reticularnuclei

Correct Answer:- Option-C

Question19:-The fibres of Olfactory nerves are

A:-Central process of Olfactory cells

B:-Peripheral process of Ganglionic cells

C:-Peripheral process of Olfactory cells

D:-Central process of Ganglionic cells

Correct Answer:- Option-A

Question20:-Which is not included in Panchdashakoshtanga ?

A:-Agni ashaya

B:-Aamashaya

C:-Pureeshadhahra

D:-Pakwashaya

Correct Answer:- Option-A

Question21:-The genes which occupy the same locus on the homologous chromosomes are called

A:-Isogenous chromosomes

B:-X-chromosomes

C:-Homologous chromosomes

D:-Allels

Correct Answer:- Option-D

Question22:-'Rakthapoornakoshtoatraswasathkasathanasyathi' which marma is referred here ?

A:-Apaalapa

B:-Apasthambha

C:-Parswasandhi

D:-Naabhi

Correct Answer:- Option-B

Question23:-The Greater Splanchnic nerve receives branches from which thoracic sympathetic ganglia ?

A:-T5-T8

B:-T9-T10

C:-T12-T12

D:-T1-T4

Correct Answer:- Option-A

Question24:-Unmada is due to the obstruction of which Srotas ?

A:-Vatavaha

B:-Rasavaha

C:-Manovaha

D:-Shukravaha

Correct Answer:- Option-C

Question25:-Thoracic duct passes through which opening in the diaphragm ?

A:-Venacaval opening

B:-Oesophageal opening

C:-Aortic hiatus

D:-Independently

Correct Answer:- Option-C

Question26:-Which of these organs is related to main bare area of liver ?

A:-Right colic flexure

B:-Right supra renal gland

C:-Right kidney

D:-Splenic flexure

Correct Answer:- Option-B

Question27:-Which area in circumventricular organs act as chemo receptive vomiting centre ?

A:-Nurohypophysis

B:-Area postrema

C:-Subfornical organ

D:-Sub commissural organ

Correct Answer:- Option-B

Question28:-\_\_\_\_\_ area is located on post central gyrus and extend on to the medial surface in the posterior part of para central lobule.

A:-Primary motor

B:-Primary somesthetic

C:-Association

D:-All the above

Correct Answer:- Option-B

Question29:-Which nucleus of thalamus acts as integrating centre for somatic and visceral impulses ?

A:-Ventral lateral nucleus

B:-Ventre posterior nucleus

C:-Dorso medial nucleus

D:-Anterior nucleus

Correct Answer:- Option-C

Question30:-Sukha, dukha, icha, dwesha, prayatna etc are the gunas of which purusha ?

A:-Yeka Dhatupurusha

B:-Shad Dhatupurusha

C:-24 Dhatupurusha

D:-None of the above

Correct Answer:- Option-B

Question31:-Inactivated X chromosome in a cell is termed as what ?

A:-Barr body

B:-Trisomy 21

C:-Brachydactly

D:-Autosome

Correct Answer:- Option-A

Question32:-Which marmavidhalakshana includes dhatukshaya, due to this, severevedana and after that marana ?

A:-Vishalyakhna

B:-Vaikalyakara

C:-Kalantharapranahara

D:-Sadyapranahara

Correct Answer:- Option-C

Question33:-Which joint is also called Trochoid joint ?

A:-Plane joint

B:-Pivot joint

C:-Saddle joint

D:-Condylloid joint

Correct Answer:- Option-B

Question34:-The pupillary disease caused by late stage of cerebral syphilis

A:-Oto syphilis

B:-Occular syphilis

C:-Argyll Robertson pupil

D:-Both 2 and 3

Correct Answer:- Option-C

Question35:-Which panchamahabhuta contribute increasingly in the formation of shrotas ?

A:-Prudhwi

B:-Apa

C:-Vaayu

D:-Aakasha

Correct Answer:- Option-D

Question36:-Which plane is also known as frontal plane ?

A:-Sagittal plane

B:-Coronal plane

C:-Oblique plane

D:-Horizontal plane

Correct Answer:- Option-B

Question37:-Ansanephroni is synonymus to which structure of kidney ?

A:-Renal papilla

B:-Renal pyramids

C:-Renal loop of Henle

D:-Justa glomerular apparatus

Correct Answer:- Option-C

Question38:-Release of serotonin to parts of brain is the function of

A:-Red nucleus

B:-Raphae nucleus

C:-Superior colliculus

D:-Inferior colliculus

Correct Answer:- Option-B

Question39:-Median glistening line made up of pia mater located on the ventral surface of lower part of spinal cord along anterior median fissure is named as

A:-Filumterminale

B:-Ligamentumdentium

C:-Linea splendens

D:-CaudaEquina

Correct Answer:- Option-C

Question40:-The angle between the long axis of cervix and the long axis of Vagina is

A:-Angle of antiversion

B:-Angle of antiflexion

C:-Lateral angle

D:-Pubic angle

Correct Answer:- Option-A

Question41:-Pramana of Medas according to AacharyaSushruta is

A:-1/2 anjali

B:-2 anjali

C:-4 anjali

D:-1 anjali

Correct Answer:- Option-B

Question42:-Vishudha chakra is located in which region ?

A:-Bhrumadhya (in between eye brows)

B:-Kandha (Throat)

C:-Nabhi (Umbilicus)

D:-None of the above

Correct Answer:- Option-B

Question43:-According to AacharyaCharaka, aayu (longevity) is a

A:-Atmajabhaava

B:-Saatmyajabhaava

C:-Rasajabhaava

D:-Matrujabhaava

Correct Answer:- Option-A

Question44:-At birth, which sinuses are present ?

A:-Maxillary sinus

B:-Ethmoidal sinus

C:-Sphenoidal sinus

D:-Both 1 and 2

Correct Answer:- Option-D

Question45:-Which cells secretes pulmonary surfactant ?

A:-Squamous cells

B:-Type 1 cells

C:-Great alveolar cells

D:-Lymphocytes

Correct Answer:- Option-C

Question46:-Dilated posteromedial wall of neck of Gall Bladder is termed as



A:-Cystic fossa

B:-Hartmann's pouch

C:-Pouch of Luschka

D:-Cystocele

Correct Answer:- Option-B

Question47:-The ligament of penis continuous with the lowest part of linea alba is called

A:-Suspensary ligament

B:-Fundiform ligament

C:-Fascia of penis

D:-Bucks fascia

Correct Answer:- Option-B

Question48:-The largest olfactory area in brain is

A:-Anterior olfactory nucleus

B:-Olfactory tubercle

C:-Entorhinal cortex

D:-Piriform cortex

Correct Answer:- Option-D

Question49:-The epithelium lined connection between foramen caecum and thyroid gland is named as

A:-Pyramidal lobe

B:-Rathke's pouch

C:-Stomodium

D:-Thyroglossal duct

Correct Answer:- Option-D

Question50:-Number of Asthisanghata in Shiras

A:-One

B:-Two

C:-Four

D:-Fourteen

Correct Answer:- Option-A

Question51:-Abnormal persistence of woven bone is the characteristics of which disease ?

A:-Rickets

B:-Paget's

C:-Osteoma

D:-All of the above

Correct Answer:- Option-B

Question52:-Mamsadharakala can be co-related with which structure ?

A:-Mucosa

B:-Endothelium

C:-Omentum

D:-Deep fasca

Correct Answer:- Option-D

Question53:-Transversus Thoracis muscle is also known as

A:-Internal intercostals

B:-Triangularissterni

C:-External intercostals

D:-None of the above

Correct Answer:- Option-B

Question54:-Martinotti cells are seen increasingly in which part ?

A:-Cerebral cortex

B:-Cerebellar cortex

C:-Pia mater

D:-Dura mater

Correct Answer:- Option-A

Question55:-The medial umbilical ligaments are

A:-Obliterated umbilical veins

B:-Obliterated uterine arteries

C:-Obliterated umbilical arteries

D:-None of the above

Correct Answer:- Option-C

Question56:-The fibro muscular band which supports the duodenojejunal flexure is named as

A:-Phrenico colic ligament

B:-Flexure of colon

C:-Ligamentumteres

D:-Ligament of Treitz

Correct Answer:- Option-D

Question57:-According to AcharyaCharaka, Kasa and swasa are vidhalakshana of which marma ?

A:-Hrudaya

B:-Shiras

C:-Both 1 and 2

D:-Vasthi

Correct Answer:- Option-C

Question58:-In which disease GABA is decreased in striatonigral fibres ?

A:-Parkinson's disease

B:-Parkinsonian syndrome

C:-Huntington Chorea

D:-None of these

Correct Answer:- Option-C

Question59:-The Fibrous pericardium is supplied by which nerve ?

A:-Subcostal nerves

B:-Cardiac plexus

C:-Phrenic nerve

D:-None of these

Correct Answer:- Option-C

Question60:-In Vasti which type of snayu is located ?

A:-Prathaanavati

B:-Vrutta

C:-Pruthu

D:-Sushira

Correct Answer:- Option-D

Question61:-"Garbhinikaarshyamaapadyate" in which month of pregnancy, According to AcharyaCharaka ?

A:-5<sup>th</sup> month

B:-6<sup>th</sup> month

C:-7<sup>th</sup> month

D:-8<sup>th</sup> month

Correct Answer:- Option-A

Question62:-Which is not included in 'dwadashaprana' ?

A:-Tridosha

B:-Triguna

C:-Panchendriya

D:-Greeva

Correct Answer:- Option-D

Question63:-Serratus posterior superior is innervated by which nerve ?

A:-Dorsal scapular

B:-Nerve to supra spinatus

C:-Intercostal nerves T2-T5

D:-Spinal accessory

Correct Answer:- Option-C

Question64:-When in pumbeeja, beejabhagaavayava vitiates, that will leads to

A:-Vandhya

B:-Pootipraja

C:-Supra sternal notch

D:-None of these

Correct Answer:- Option-B

Question65:-Attachment of transverse mesocolonis

A:-Anterior aspect of head of pancreas

B:-Anterior aspect of body of pancreas

C:-Both 1 and 2

D:-Poster abdominal wall

Correct Answer:- Option-C

Question66:-The muscle which receives dual innervation from trigeminal as well as facial nerve is

A:-Omohyoid

B:-Digastric

C:-Myelohyoid

D:-Stylohyoid

Correct Answer:- Option-B

Question67:-Inflammation of glans penis is termed as

A:-Orchitis

B:-Vesiculitis

C:-Balanitis

D:-None of these

Correct Answer:- Option-C

Question68:-Number of 'dala' in anaahatachakra

A:-6

B:-10

C:-12

D:-16

Correct Answer:- Option-C

Question69:-What is meant by Alternating hemi anaesthesia ?

A:-Ipsi lateral loss of sensation

B:-Contralateral loss of sensation

C:-Combination of ipsilateral and contra lateral sensory loss

D:-None of these

Correct Answer:- Option-C

Question70:-The shape of external os in nulliparous woman

A:-Like a transverse slit

B:-Like the head of a pin

C:-Like mouth of a fish

D:-None of these

Correct Answer:- Option-B

Question71:-Origin and insertion of Buccinator muscle

A:-Rostral part of zygomatic arch and maxilla to mandible

B:-From mandible to rostral part of zygomatic arch and maxilla

C:-From palatine bone to ramus of mandible

D:-Rostrum of sphenoid to mandible

Correct Answer:- Option-A

Question72:-Apanga is a \_\_\_\_\_ marma.

A:-Kalaantharapraanahara

B:-Rujakara

C:-Vaikalyakara

D:-None of these

Correct Answer:- Option-C

Question73:-Which muscle is known as Vasthichoodika ?

A:-Cremaster

B:-Pyramidalis

C:-Quadratuslumborum

D:-Iliacus

Correct Answer:- Option-B

Question74:-According to AacharyaCharaka, injury of which layer of skin causes "Thamahpravesyathi" (black out)

A:-Udakadhara

B:-Asrukdhara

C:-Panchami

D:-Shashti

Correct Answer:- Option-D

Question75:-Total joint replacement is termed as

A:-Arthroscopy

B:-Arthrodiastasis

C:-Arthroplasty

D:-None of these

Correct Answer:- Option-C

Question76:-Gubernaculum testis is a cord like band of \_\_\_\_\_ which extends from the lower pole of testis to the scrotum.

A:-Ectoderm

B:-Endoderm

C:-Both 1 and 2

D:-Mesenchyme

Correct Answer:- Option-D

Question77:-\_\_\_\_\_ cells are capable of synthesising and secreting catechol amines such as dopamine, noradrenaline, or adrenalin.

A:-Chromophill

B:-Chromaffin

C:-Chromophobe

D:-Alpha

Correct Answer:- Option-B

Question78:-Trit, bhramashwasa, moha, hidhma and marana are seen in which marmaabhighata ?

A:-Snayumarma

B:-Dhamanimarma

C:-Siramarma

D:-Sandhimarma

Correct Answer:- Option-C

Question79:-Middle meningeal artery is traversed by which foramen ?

A:-Foramen lacerum

B:-Emissary sphenoidal foramen

C:-Foramen spinosum

D:-Superior orbital fissure

Correct Answer:- Option-C

Question80:-Which hormones control the descend of testes ?

A:-Gonadotropins

B:-Androgens

C:-Both 1 and 2

D:-None of the above

Correct Answer:- Option-C

Question81:-When two ova are fertilized by two sperms, the resultant is

A:-Fraternal twins

B:-Dizygotic twins

C:-Both 1 and 2

D:-Identical twins

Correct Answer:- Option-C

Question82:-Alcock's canal is also known as

A:-Ischio rectal fossa

B:-Pudendal canal

C:-Inguinal canal

D:-Anal canal

Correct Answer:- Option-B

Question83:-Which structure integrate visual, auditory and somatosensory special informations to initiate movements of concerned parts ?

A:-Tegmentum

B:-Superior colliculus

C:-Inferior colliculus

D:-None of the above

Correct Answer:- Option-B

Question84:-According to Acharya Sushruta, how many peshi are there in uru (thigh) ?

A:-10

B:-20

C:-12

D:-18

Correct Answer:- Option-B

Question85:-Potential space between perineal fascia and the perineal membrane is termed as

A:-Perineal fossa

B:-Anal triangle

C:-Superficial perineal pouch

D:-Deep perineal pouch

Correct Answer:- Option-C

Question86:-Which operation is suggesting for recurrent dislocation of patella ?

A:-Hauser's operation

B:-Wilson's release

C:-Yount's release

D:-None of these

Correct Answer:- Option-A

Question87:-Mucosa of rectum is lined by which epithelium ?

A:-Nonkeratinized Stratified squamous

B:-Simple columnar

C:-Simple squamous

D:-None of these

Correct Answer:- Option-B

Question88:-Which structure of the following is devoid of blood brain barrier ?

A:-Pituitary gland

B:-Area Postrema

C:-Median eminence

D:-All of the above

Correct Answer:- Option-D

Question89:-Which muscle of these is not supplied by hypoglossal nerve ?

A:-Genioglossus

B:-Styloglossus

C:-Hyoglossus

D:-Palatoglossus

Correct Answer:- Option-D

Question90:-The pramana of breath of forehead according to AcharyaVagbhata

A:-One angula

B:-2 angula

C:-4 angula

D:-6 angula

Correct Answer:- Option-C

Question91:-What is splanchnic nerve ?

A:-Paired autonomic nerves

B:-Carry visceral sympathetic fibres

C:-Carry sensory fibres

D:-All the above

Correct Answer:- Option-D

Question92:-How many unpuncturable (avedhya) sirain shronipradesha (pelvis) according to AcharyaSushruta ?



A:-2

B:-4

C:-8

D:-32

Correct Answer:- Option-C

Question93:-Which metacarpal doesnot give origin to palmar interossei ?

A:-First

B:-Second

C:-Third

D:-Fourth

Correct Answer:- Option-C

Question94:-How many vathavahinisira in both years according to AcharyaSushruta ?

A:-One

B:-Two

C:-Four

D:-Six

Correct Answer:- Option-C

Question95:-\_\_\_\_\_ is a sudden and progressive bilateral ascending paralysis, starts at the lower limbs characterised by wide spread inflammation with some demyelination of spinalcord and cranial nerves.

A:-Bell's palsy

B:-Poly neuropathy

C:-Syringomyelia

D:-Guillainbarre syndrome

Correct Answer:- Option-D

Question96:-What causes the production of 2<sup>nd</sup> heart sound ?

A:-Closure of tricuspid and bicuspid valves

B:-Closure of aortic-pulmonary valves

C:-Opening of tricusoide and bicuspid valves

D:-Opening of semilunar valves

Correct Answer:- Option-B

Question97:-\_\_\_\_\_ is an Anatomical landmark to locate A V node.

A:-Moderator band

B:-Inter ventricular septum

C:-Tendon of Todaro

D:-Osteum of coronary sinus

Correct Answer:- Option-C

Question98:-Myo epithelial cells are seen in

A:-Sweat gland

B:-Mammary gland

C:-Lacrimal gland

D:-All the above

Correct Answer:- Option-D

Question99:-Which ligament prevents the femur to fall back in standing position ?

A:-Anterior cruciate ligament

B:-Posterior cruciate ligament

C:-Oblique popliteal ligament

D:-Tendon of popliteus

Correct Answer:- Option-A

Question100:-Zygapophyseal joints are related to which bone ?

A:-Skull bones

B:-Pubic bones

C:-Vertebrae

D:-Sternum

Correct Answer:- Option-C