

PROVISIONAL ANSWER KEY

Question 60/2025/OL

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Question1:-**Sukra** is **Soumya** and **Artava** is **Agneya**. In this way, both are mutually exclusive, then how does fertilization take place?

A:-*paraspara upakaraath*

B:-*paraspara anugrahath*

C:-*paraspara anugrahath*

D:-all the above

Correct Answer:- Option-D

Question2:-**Veeryam, Aarogyam, Balam, Varnam and Medha**, are derived from which **bhavas** of garbha.

A:-*Satwa*

B:-*Satmya*

C:-*Ahaara*

D:-*Viharam*

Correct Answer:- Option-B

Question3:-**Garbha Poshanam** during the first three months are provided by

A:-*upasneha*

B:-*upasweda*

C:-*nabhi naadi*

D:-both 1 and 2

Correct Answer:- Option-D

Question4:-**Stanya Pramanam is _____ Anjali**

A:-1

B:-2

C:-3

D:-4

Correct Answer:- Option-B

Question5:-According to **Sushruta Samhitha** which among the properties are not true regarding **SUKRA**

A:-*Varnam - Sphatikabham*

B:-*Sparsh - Davravam*

C:-*Rasa - Maduram*

D:-*Gandha - Ksheeram*

Correct Answer:- Option-D

Question6:-The primitive streak appears at the beginning of _____ week.

A:-First

B:-Second

C:-Third

D:-Fourth

Correct Answer:- Option-A

Question7:-During the second week of development, the trophoblast differentiates into all of the following except

A:-Syncytiotrophoblast

B:-Cytoprophoblast

C:-Extra-embryonic coelom

D:-Secondary yolk sac

Correct Answer:- Option-D

Question8:-Match the following

- | | |
|--------------------|--------------------------|
| A. Notochord | 1. Chemo Differentiation |
| B. Neural Tube | 2. Auxetic Growth |
| C. Organizer | 3. Totipotent |
| D. Oocyte | 4. Pluripotent |
| E. Zygote | 5. Secondary Organizer |
| F. Inner cell Mass | 6. Tertiary Organizer |

A:-A-5, B-6, C-1, D-2, E-3, F-4

B:-A-3, B-5, C-2, D-1, E-4, F-6

C:-A-2, B-6, C-3, D-4, E-5, F-1

D:-A-1, B-2, C-3, D-4, E-5, F-6

Correct Answer:- Option-A

Question9:-Human placenta is

A:-hemochorial

B:-epitheliochorial

C:-endotheliochorial

D:-hemoendochorial

Correct Answer:- Option-C

Question10:-Shape of **YONI** according to **Sushruta Acharya** is

A:-*Shankanabhi*

B:-*Rohithamatsya mukha*

C:-*Ashwattha patra*

D:-None

Correct Answer:- Option-A

Question11:-According to Ashtanga Hrudaya, Apasthambha is a

A:-Snayu Marma

B:-Sira Marma

C:-Asthi Marma

D:-Dhamani Marma

Correct Answer:- Option-D

Question12:-Which among the trimarma has Kloma Apakarshana as an abhighata lakshana?

A:-Shiras

B:-Hrudaya

C:-Nabhi

D:-Basti

Correct Answer:- Option-B

Question13:-According to Susruta Samhita, all Rajakara Marma are located in

A:-Shaka

B:-Uras

C:-Udara

D:-Prushta

Correct Answer:- Option-A

Question14:-Which among the following Marma is Ardhangula in pramana according to Susruta Samhita?

A:-Bruhathi

B:-Talahrudaya

C:-Apalapa

D:-All of the above

Correct Answer:- Option-D

Question15:-According to Susruta Samhita, Pakshaghata can occur due to an injury to

A:-Kakshadhara Marma

B:-Urvi Marma

C:-Kateekataruna Marma

D:-Phana Marma

Correct Answer:- Option-A

Question16:-Which among the following Marmabhighatha lakshana has been

explained by Dalhana as "Karasya Akarmanyathwam"?

A:-Kuni

B:-Kundatha

C:-Bahu Swapa

D:-Bahu Sosha

Correct Answer:- Option-B

Question17:-According to Dalhana, the various Kala are detailed in the order of

A:-Dharana

B:-Poshana

C:-Pramana

D:-Udbhava

Correct Answer:- Option-A

Question18:-Which among the following Kala is said to be "Sarva Shareera Vyapini"?

A:-Raktadhara

B:-Pithadhara

C:-Mamsadhara

D:-Shukradhara

Correct Answer:- Option-D

Question19:-The name of the sixth Kala is

A:-Mamsadhara

B:-Pithadhara

C:-Pureeshadhara

D:-Sleshmadhara

Correct Answer:- Option-B

Question20:-The simile of the smooth movement of a wheel, when the axis is lubricated is mentioned in the context of

A:-Mamsadhara Kala

B:-Medhodhara Kala

C:-Sleshmadhara Kala

D:-Raktadhara Kala

Correct Answer:- Option-C

Question21:-Which is the upadhatu of Asthi according Bhavaprakasa?

A:-Kesa

B:-Danta

C:-Nakha

D:-Roma

Correct Answer:- Option-B

Question22:-Kapalasthi is seen in which region?

A:-Anguli

B:-Uras

C:-Amsam

D:-Ghrana

Correct Answer:- Option-C

Question23:-In the following bones which is a Pneumatic bone

A:-Maxilla

B:-Sternum

C:-Patella

D:-Sacrum

Correct Answer:- Option-A

Question24:-All the statements about clavicle are correct except

A:-It is the first bone to start ossifying

B:-It commonly fractures at the junction of its lateral 2/3 and medial 1/3 of the shaft

C:-It has no medullary cavity

D:-It ossifies by 2 primary centres

Correct Answer:- Option-B

Question25:-Bulla ethmoidalis is produced by

A:-Anterior ethmoidal air cells

B:-Maxillary sinus

C:-Posterior ethmoidal air cells

D:-Middle ethmoidal air cells

Correct Answer:- Option-D

Question26:-Articulation between body of sphenoid and basilar part of occipital bone is

A:-Suture

B:-Symphysis

C:-Synchondrosis

D:-Syndesmosis

Correct Answer:- Option-C

Question27:-In inferior dislocation of shoulder joint which nerve is injured

A:-Radial nerve

B:-Axillary nerve

C:-Ulnar nerve

D:-Musculocutaneous nerve

Correct Answer:- Option-B

Question28:-Which of the following statements are correct about the Knee joint?

i. Medial meniscus is more vulnerable to injury than the lateral

ii. Unlocking is produced by popliteus muscle

iii. Anterior cruciate ligament runs upwards backwards and medially and is attached to the lateral surface of medial condyle of femur.

A:-i and ii

B:-ii and iii

C:-i and iii

D:-All (i, ii and iii)

Correct Answer:- Option-A

Question29:-In the context of Sandhi all of the following statements are true except

A:-59 joints are present in the truck (koshta)

B:-Samudga sandhi is present on nitamba

C:-The type of kapha present in sandhi is sleshaka

D:-The number of sandhi present on uras (chest) and prishtavamsam (back) are equal

Correct Answer:- Option-D

Question30:-Regarding Mandala sandhi which of the following is more correct?

i. Prishtavamsam and Greeva

ii. Hridayam and Kandam

iii. Klomanadi and netram

iv. Netram and Hridayam

A:-i and ii

B:-i and iii

C:-ii and iii

D:-only iv

Correct Answer:- Option-C

Question31:-Peshee related to which part develop in youth

A:-Apathyapatha

B:-Sthana

C:-Garbhachidra

D:-All of the above

Correct Answer:- Option-B

Question32:-All of the following statements are correct about Peshee according to Suruta except

A:-The prime function of Peshee is lepa

B:-34 peshee in the head and neck

C:-Slakshna and Karkasa are peshee types

D:-The bones and joints are covered by muscles and remain strong

Correct Answer:- Option-A

Question33:-The muscle on the anterior compartment of arm not attached to humerus is

A:-Biceps brachii

B:-Coracobrachialis

C:-Brachialis

D:-None of the above

Correct Answer:- Option-A

Question34:-Muscles of lateral compartment of leg are supplied by _____ nerve.

A:-Tibial nerve

B:-Deep peroneal nerve

C:-Superficial peroneal nerve

D:-Sural nerve

Correct Answer:- Option-C

Question35:-Which of the following statements are correct about muscles of mastication?

i. All are innervated by mandibular nerve.

ii. All are inserted into the ramus of mandible.

iii. All develop from mesoderm of first pharyngeal arch.

A:-i and iii

B:-ii and iii

C:-i and ii

D:-all (i, ii and iii)

Correct Answer:- Option-D

Question36:-The colour Rohini is a feature of which among the following sira, according to Sushruta Samhita

A:-Vata vaha sira

B:-Pitta vaha sira

C:-Kapha vaha sira

D:-Rakta vaha sira

Correct Answer:- Option-D

Question37:-According to Sushruta Samhita, the number of Avedhya sira present in the Koshta are

A:-16

B:-32

C:-50

D:-98

Correct Answer:- Option-B

Question38:-According to susruta samhita stanya vahana is the function of which dhamani?

A:-Urdhwagami dhamani

B:-Adhogami dhamani

C:-Tiryakgami dhamani

D:-Both 1 and 2

Correct Answer:- Option-A

Question39:-According to susruta samhita Hridaya develops from which among the following?

A:-Shonita and Kapha

B:-Shonita phena

C:-Shonita kitta

D:-Shonita and meda

Correct Answer:- Option-A

Question40:-Thebesian valve present in the right atrium of the heart guards the opening of which among the following structures?

A:-Superior vena cava

B:-Inferior vena cava

C:-Coronary sinus

D:-Venae cordis minimae

Correct Answer:- Option-C

Question41:-The base (Posterior surface) of the heart is related to the following thoracic vertebrate in the erect position

A:-T4-T7

B:-T5-T8

C:-T6-T9

D:-T7-T10

Correct Answer:- Option-C

Question42:-The spleen is surrounded by peritoneum and is suspended by peritoneal ligaments. Which among the following ligaments contains the terminal portion of the splenic artery?

A:-Gastrosplenic ligament

B:-Lienorenal ligament

C:-Phrenicocolic ligament

D:-Gastrophrenic ligament

Correct Answer:- Option-B

Question43:-The thoracic duct, arising from the superior aspect of the cisterna chyli, passes through which opening in the respiratory diaphragm to enter the posterior mediastinum?

A:-Aortic hiatus

B:-Oesophageal hiatus

C:-Caval foramen

D:-Foramen of Morgagni

Correct Answer:- Option-A

Question44:-Which among the following is not mentioned as a Moolashthana of Mamsa vaha srotas in Sushruta Samhita?

A:-Snayu

B:-Twak

C:-Raktavahini Dhamani

D:-None of the above

Correct Answer:- Option-D

Question45:-The Moolasthana of Mootravaha srotas according to Charaka Samhita are

A:-Vasti and Metram

B:-Vasti and Vangshanam

C:-Vasti and Vrushanam

D:-Vasti and Vrukka

Correct Answer:- Option-B

Question46:-Branches of right Phrenic nerve pass through _____ aperture of the Diaphragm.

A:-Aortic

B:-Oesophageal

C:-Venacaval

D:-None of the above

Correct Answer:- Option-C

Question47:-The line of costo-diaphragmatic reflection of pleura corresponds to _____ rib in mid-axillary line.

A:-8th

B:-10th

C:-11th

D:-12th

Correct Answer:- Option-B

Question48:-The vestibular ligament of laryngeal cavity represents the thickened lower border of

A:-Quadrangular membrane

B:-Cricovocal membrane

C:-Broyles ligament

D:-Cricothyroid ligament

Correct Answer:- Option-A

Question49:-The pharyngeal opening of the Eustachian tube lies about _____ mm behind the level of posterior end of inferior nasal concha.

A:-10-12

B:-16-18

C:-20-22

D:-24-26

Correct Answer:- Option-A

Question50:-_____ are not normally present in the wall of bronchioles.

A:-Clara cells

B:-Brush cells

C:-Neuroendocrine cells

D:-Goblet cells

Correct Answer:- Option-D

Question51:-The tail of pancreas is located within which ligament?

A:-Hepatosplenic ligament

B:-Lienorenal ligament

C:-Gastro splenic ligament

D:-Phrenico colic ligament

Correct Answer:- Option-B

Question52:-Chromaffin system includes _____ group of cells.

A:-Cells in suprarenal medulla

B:-Paraganglia

C:-Para-aortic bodies

D:-All the above

Correct Answer:- Option-D

Question53:-Killian's dehiscence is related to which organ?

A:-Naso pharynx

B:-Rectum

C:-Hypo pharynx

D:-Transverse Colon

Correct Answer:- Option-C

Question54:-A 50 year old patient, having mega oesophagus and complaints of dysphagia, regurgitation of undigested food. What will be the possible diagnosis?

A:-Pyloric Stenosis

B:-Achalasia Cardia

C:-Peptic ulcer

D:-Cholelithiasis

Correct Answer:- Option-B

Question55:-Compression of the portal vein and hepatic artery, to stop bleeding from the liver at the free margin of lesser omentum. This procedure is known as

A:-Porto systamic shunt

B:-Murphy's sign

C:-Phalen's test

D:-Pringle Manoeuvre

Correct Answer:- Option-D

Question56:-The most dependent part of peritoneal cavity in supine position is known as

A:-Morrison's pouch

B:-Recto vescical pouch

C:-Recto uterine pouch

D:-Supra duodenal pouch

Correct Answer:- Option-A

Question57:-Which imaginary line/ plane is used to divide the liver functionally in to right and left lobes?

A:-Cantile's line

B:-Mid clavicular line

C:-Mid Sagittal plane

D:-Coronal plane

Correct Answer:- Option-A

Question58:-The parotid duct opens in the oral cavity at which level?

A:-Second lower permanent molar tooth

B:-Second upper permanent molar tooth

C:-3rd lower molar tooth

D:-3rd upper molar tooth

Correct Answer:- Option-B

Question59:-The part of pituitary gland develops as an upward growth of Rathke's pouch from the ectodermal roof of stomodaeum is called as

- A:-Adenohypophysis
- B:-Neuro hypophysis
- C:-Pars posterior
- D:-None of the above

Correct Answer:- Option-A

Question60:-Principal cells and oxyphilic cells are the cell types seen in which of the below said gland?

- A:-Suprarenal
- B:-Thyroid
- C:-Parathyroid
- D:-Thymus

Correct Answer:- Option-C

Question61:-The most suitable site for surgical incision in nephrolithotomy is

- A:-Brodel's line
- B:-Hilton's line
- C:-Holden's line
- D:-Line of Fure

Correct Answer:- Option-A

Question62:-The structure designated as the living ligature of the uterus is

- A:-Round ligament
- B:-Endometrium
- C:-Myometrium
- D:-Perimetrium

Correct Answer:- Option-C

Question63:-Macula densa of the juxta glomerular apparatus are the modified cells in the wall of

- A:-Proximal Convoluted Tubule
- B:-Distal Convoluted Tubule
- C:-Afferent arteriole
- D:-Efferent arteriole

Correct Answer:- Option-B

Question64:-The collection of pus in the rectouterine pouch of Douglas is commonly drained through

- A:-Anterior colposcopy
- B:-Lateral colposcopy

C:-Posterior colposcopy

D:-None of the above

Correct Answer:- Option-C

Question65:-An elderly woman complains of persistent pain on the medial side of the thigh and the knee. Which organ is most probably affected in this condition?

A:-Uterus

B:-Ovary

C:-Vagina

D:-Urinary bladder

Correct Answer:- Option-B

Question66:-Which structure is covered by the medial umbilical fold of urinary bladder?

A:-Remnant of urachus

B:-Puboprostatic ligament

C:-Inferior epigastric artery

D:-Obliterated umbilical artery

Correct Answer:- Option-D

Question67:-The most common site of prostatic cancer is

A:-Peripheral zone

B:-Central zone

C:-Transitional zone

D:-Anterior zone

Correct Answer:- Option-A

Question68:-Which among the following statements is/are correct about the left testicular vein?

- i. Left testicular vein opens into inferior vena cava at an acute angle.
- ii. Left testicular vein opens into renal vein at orthogonal angle.
- iii. Left testicular varicoceles are more common than right.

A:-i and iii

B:-ii only

C:-ii and iii

D:-i only

Correct Answer:- Option-C

Question69:-The ejaculatory ducts open into

A:-Preprostatic part of urethra

B:-Prostatic part of urethra

C:-Membranous part of urethra

D:-Spongy part of urethra

Correct Answer:- Option-B

Question70:-The order of arrangement of structures in the Trigone of the bladder from within outwards is

A:-Transitional epithelium, muscle of Bell, Fascia of Waldeyar, Detrusor muscle

B:-Transitional epithelium, Fascia of Waldeyar, muscle of bell, Detrusor muscle

C:-Transitional epithelium, Detrusor muscle, muscle of Bell, Fascia Waldeyar

D:-Transitional epithelium, Detrusor muscle, Fascia of Waldeyar, Muscle of bell

Correct Answer:- Option-A

Question71:-Vertebral level of spinal cord segment L5

A:-At T10 vertebra

B:-At T11 vertebra

C:-At T12 vertebra

D:-At L1 vertebra

Correct Answer:- Option-C

Question72:-Which of the following is not a part of the hind brain?

A:-Cerebrum

B:-Pons

C:-Medulla oblongata

D:-Cerebellum

Correct Answer:- Option-A

Question73:-The oculomotor nucleus is situated in the

A:-Ventromedial part of the central grey matter of midbrain at the level of inferior colliculus

B:-Ventromedial part of the central grey matter of midbrain at the level of superior colliculus

C:-The modiolus

D:-None of the above

Correct Answer:- Option-B

Question74:-_____ lobe of cerebellum contains the subdivision Folium.

A:-Anterior lobe

B:-Posterior lobe

C:-Flocculonodular lobe

D:-None of the above

Correct Answer:- Option-B

Question75:-Which structure is encircled by the circle of Willis?

A:-Medulla

B:-Cavernous sinus

C:-Pituitary stalk

D:-Pineal body

Correct Answer:- Option-C

Question76:-Which of the following is not a part of the floor of the third ventricle of brain?

A:-Optic chiasma

B:-Mammillary bodies

C:-Posterior perforated substance

D:-Pineal body

Correct Answer:- Option-D

Question77:-Primary motor area (area 4)

A:-Control the muscles on the opposite side of the body

B:-Control the muscle on the same side of the body

C:-Speech area

D:-None of the above

Correct Answer:- Option-A

Question78:-Components of basal nuclei except

A:-Corpus striatum

B:-Corpus callosum

C:-Amygdaloid body

D:-Clastrum

Correct Answer:- Option-B

Question79:-Projection fibres are fibres

A:-Connect one area with another area of same cerebral hemisphere

B:-Connect the corresponding areas of two cerebral hemisphere

C:-Connect the cerebral cortex with subcortical part of nervous system

D:-None of the above

Correct Answer:- Option-C

Question80:-Lesions of corpus striatum leads to

A:-Maillard - Gubler syndrome

B:-Dejerine syndrome

C:-Parkinsonism

D:-None of the above

Correct Answer:- Option-C

Question81:-Papez circuit does not include the

A:-Fornix

B:-Amygdaloid body

C:-Mamillary body

D:-Cingulate gyrus

Correct Answer:- Option-B

Question82:-Which is the largest terminal branch of internal carotid artery?

A:-Anterior cerebral artery

B:-Posterior communicating artery

C:-Middle cerebral artery

D:-Ophthalmic artery

Correct Answer:- Option-C

Question83:-Otosclerosis is a bony fusion between the _____ and margin of oval window.

A:-Malleus

B:-Incus

C:-Stapes

D:-None of the above

Correct Answer:- Option-C

Question84:-Which of the following is not a branch of trigeminal nerve?

A:-Great auricular nerve

B:-Mental nerve

C:-Lacrimal nerve

D:-Supra orbital nerve

Correct Answer:- Option-A

Question85:-Which is thickened to form organ of Corti?

A:-Epithelial Cell

B:-Reissner's membrane

C:-Outer limiting membrane

D:-Basilar membrane

Correct Answer:- Option-D

Question86:-Eustachian canal connects

A:-Middle ear with external ear

B:-Pharynx with middle ear

C:-Middle ear with internal ear

D:-Pharynx with eye

Correct Answer:- Option-B

Question87:-Aqueous humor and vitreous humor are separated by

A:-Retina

B:-Iris

C:-Lens

D:-Sclera

Correct Answer:- Option-C

Question88:-All of the following are true about Meissner's corpuscles except

A:-They are located in the dermal papillae

B:-They are more abundant in fingertips and lips

C:-They are specialized for detecting vibrations

D:-They are responsible for light touch sensation

Correct Answer:- Option-C

Question89:-The lateral ventricle communicates with third ventricle through

A:-Foramen of Monro

B:-Foramen of Luschka

C:-Cerebral aqueduct

D:-Foramen of Magendie

Correct Answer:- Option-A

Question90:-Part of the brain that helps in regulation and maintenance of muscular activities

A:-Midbrain

B:-Cerebellum

C:-Cerebrum

D:-Medulla oblongata

Correct Answer:- Option-B

Question91:-Which of the following statement is/are correct about Anjali Pramana?

i. Anjali Pramana of mutra and artava are 4

ii. Anjali Pramana of stanya is 2

iii. Anjali Pramana of sukra is 1

A:-Only i

B:-Only iii

C:-Only i and ii

D:-Only i and iii

Correct Answer:- Option-C

Question92:-Match the following

Cardiac valves and the site of the auscultatory areas

i. Pulmonary valve

a. Cardiac apex

ii. Aortic valve

b. 2nd left cardiac intercostal space near the sternum

iii. Mitral valve

c. Lower end of sternum

iv. Tricuspid

d. 2nd right costal cartilage near the sternum

A:-i-c, ii-b, iii-a, iv-d

B:-i-a, ii-c, iii-b, iv-d

C:-i-b, ii-c, iii-a, iv-d

D:-i-b, ii-d, iii-a, iv-c

Correct Answer:- Option-D

Question93:-Type of snanyu seen at sandhi

A:-Prithula

B:-Vritha

C:-Pratanavati

D:-Sushira

Correct Answer:- Option-C

Question94:-Which of the following is called shadangam?

i. Shaakha, madhyam, shiras

ii. Baahu, sakthini, shirogreeva, antharadi

iii. Shiras, antharadi, baahu

A:-Only i

B:-Only ii

C:-Only i and ii

D:-Only i and iii

Correct Answer:- Option-C

Question95:-Which of the following aasaya is considered as seat of pitha dosha?

A:-Amasaya

B:-Nabhi

C:-Pakwasaya

D:-Mutrasaya

Correct Answer:- Option-A

Question96:-Which of the following statement is/are true about koshtanga?

i. Charaka included organs of circulatory system, digestive system and urinary system in koshtanga

ii. Vagbata and susruta included dimba in koshtanga

iii. Vagbata and susruta included unduka and pupusa in koshtanga

iv. Susruta included vapavahana in koshtanga

A:-Only i and ii

B:-Only i and iii

C:-Only ii and iii

D:-Only i and iv

Correct Answer:- Option-B

Question97:-Koorcha is seen at

A:-Hastha, paada, greeva, shiras

B:-Hastha, paada, taal, jihwa

C:-Hastha, medra, talu, jihwa

D:-Hastha, paada, greeva, medra

Correct Answer:- Option-D

Question98:-A vertical plane right angles to the median plane

A:-Sagittal plane

B:-Coronal plane

C:-Axial plane

D:-Oblique plane

Correct Answer:- Option-B

Question99:-Which chakra is associated with heart

A:-Anahata

B:-Swadhishtaana

C:-Muladhara

D:-Vishudha

Correct Answer:- Option-A

Question100:-Which of the following anguli pramana described by susruta is/are true?

i. Padangushta and pradeshini are both 2 angula in length

ii. Length of jangha is 32 angula

iii. Distance between manibandha and koorpara is 16 angula.

A:-Only i

B:-Only ii

C:-Only i and ii

D:-Only i and iii

Correct Answer:- Option-D