



FMGE Dec 2021 PYQs

Here is a valuable resource to strengthen your FMGE preparation - the FMGE Dec 2021 Previous Year Questions PDF. India's top medical faculty have carefully vetted these recall-based questions to ensure the accuracy and relevance of all the questions.

You can use this PDF to elevate your exam preparations by identifying all the high-yield topics that have been asked repeatedly over the past years.

Also, if you want to further improve your understanding of these topics, download the PrepLadder app and get access to QBank 5.0 for detailed explanations of all correct and incorrect options. QBank 5.0 is a treasure trove of MCQs based on the latest exam pattern, especially clinical scenario-based questions.

In addition, you will get access to several other preparation resources including video lectures and notes to stay ahead in your journey to success! Find the download link at the end.

Ques No: 1, QuesID : 801492

Subject: Dermatology

Topic: Papulosquamous Disorders

Sub-Topic:

Which of the following features are not associated with the condition shown in the image below?



O1:

Wickham's striae

O2:

Epidermal acanthosis

O3:



Munro microabscess

O4:

Colloid bodies

Ans: 3

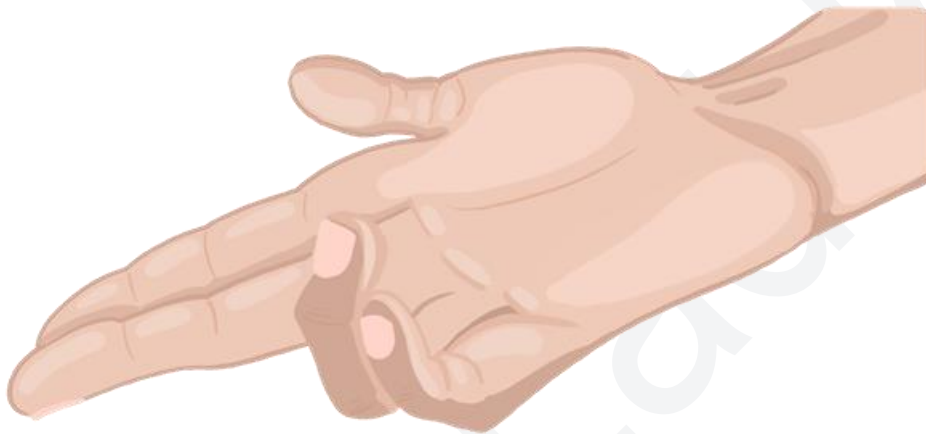
Ques No: 2, QuesID : 801490

Subject: Anatomy

Topic: Upper Limb

Sub-Topic:

A patient with leprosy presented with the deformity as shown below. Which nerve injury causes the given condition?



O1:

Ulnar nerve

O2:

Radial nerve

O3:

Median nerve

O4:

Posterior interosseous nerve

Ans: 1

Ques No: 3, QuesID : 801495

Subject: Dermatology

Topic: Skin Appendages and their Disorders

Sub-Topic:

Which of the following side effects are seen most commonly with isotretinoin (13-cis-retinoic acid)?



O1:
Embryopathy

O2:
Ebstein's anomaly

O3:
Neural tube defects

O4:
Discoloration of teeth

Ans: 1

Ques No: 4, QuesID : 801501

Subject: Dermatology

Topic: Papulosquamous Disorders

Sub-Topic:

A patient presented with lesions, as shown in the image below, and later developed arthritis also. What is the treatment of choice for a patient who presented with the following findings?



O1:
PUVA



O2:

Steroids

O3:

Methotrexate

O4:

Infliximab

Ans: 3

Ques No: 5, QuesID : 801503

Subject: Anatomy

Topic: Lower Limb

Sub-Topic:

Identify the tarsal bone labeled in the image below.



O1:

Calcaneus

O2:

Cuboid

O3:

Navicular

O4:

Talus

Ans: 3

Ques No: 6, QuesID : 801507

Subject: Dermatology

Topic: Cutaneous Infections

Sub-Topic:

A 7-year-old intellectually disabled boy was brought with large warty crusts on the trunk, hands, and feet as shown below. Severe fissuring and scaling of the skin are present over the



soles. What is the possible diagnosis?



O1:
Scabies incognito

O2:
Animal scabies

O3:
Nodular scabies

O4:
Norwegian scabies

Ans: 4

Ques No: 7, QuesID : 801505

Subject: Anatomy

Topic: General Embryology

Sub-Topic:

What is the embryological basis of the developmental defects shown in the image below?



O1:
Failure in closure of anterior neuropore of neural tube

O2:
Failure in closure of posterior neuropore of neural tube

O3:
Failure in closure of complete neural tube

O4:
Failure in closure of caudal neuropore of neural tube

Ans: 1

Ques No: 8, QuesID : 801509

Subject: Anatomy

Topic: General Embryology

Sub-Topic:

A newborn presented to the NICU with respiratory distress and meconium discharge from the umbilicus. The condition occurs due to the patency of the which structure?

O1:
Mesonephric duct



O2:
Allantois

O3:
Urachus

O4:
Vitelline Fistula

Ans: 4

Ques No: 9, QuesID : 801513

Subject: Anatomy

Topic: Lower Limb

Sub-Topic:

Which artery is being palpated in the image shown below?



O1:
Anterior tibial artery

O2:
Posterior tibial artery

O3:
Dorsalis pedis artery

O4:
Popliteal artery

Ans: 2

Ques No: 10, QuesID : 801511

Subject: ENT

Topic: Pharynx

Sub-Topic:

Which of the following is part of trotter's triad, seen in nasopharyngeal carcinoma?

O1:
Conductive hearing loss, ipsilateral temporoparietal neuralgia, Palatal paralysis



O2:

Sensorineural hearing loss, contralateral temporoparietal neuralgia, palatal paralysis

O3:

Sensorineural hearing loss, ipsilateral temporoparietal neuralgia, palatal paralysis

O4:

Conductive hearing loss, contralateral temporoparietal neuralgia, palatal paralysis

Ans: 1

Ques No: 11, QuesID : 801523

Subject: Anaesthesia

Topic: Oxygen Therapy and Airway

Sub-Topic:

The mask given below works on which of the following principles?



O1:

Bohr effect

O2:

Boyle's principle

O3:

Bernoulli principle

O4:

Mapleson's circuit

Ans: 3



Ques No: 12, QuesID : 801527

Subject: ENT

Topic: Ear

Sub-Topic:

A patient was diagnosed with ear wax and was subjected to syringing to remove the wax. She developed a syncopal episode while doing the procedure when the tip of the syringe touched the ear canal. Which of the nerves is responsible for this episode of syncope?

O1:

Auriculotemporal nerve

O2:

Arnold's nerve

O3:

Glossopharyngeal nerve

O4:

Jacobson's nerve

Ans: 2

Ques No: 13, QuesID : 801520

Subject: Surgery

Topic: Others

Sub-Topic:

A 24-year-old male is brought to the ER after he was hit by a motorbike while he was crossing the road. He sustained injuries over his abdomen visible over his abdomen with bruising. His blood pressure is 88/60 and IV fluids are immediately instituted. A FAST was done and it was positive. Which of the following is the next step in the management of this patient?
FAST: (focused assessment with sonography for trauma)

O1:

Abdominal CT scan

O2:

Abdominal MRI scan

O3:

Exploratory laparotomy

O4:

Diagnostic peritoneal lavage

Ans: 3

Ques No: 14, QuesID : 801517

Subject: Anatomy

Topic: General Embryology

Sub-Topic:

Identify the structure marked in the diagram showing the development of ovarian follicles.



The diagram illustrates the stages of follicular development in the ovary. It begins with a cluster of small, primordial follicles on the left. An arrow points to a primary follicle, which is larger and has a more prominent nucleus. Another arrow points to a follicle with a question mark above it, representing the antral follicle stage. This is followed by a follicle with a large, fluid-filled antrum. The next stage shows a follicle with a thick, vascularized wall, representing the corpus luteum. Finally, an arrow points to a smaller, more compact structure, likely the corpus albicans. The entire process is shown in a circular arrangement, indicating a continuous cycle.

O1:
Primary follicle

O2:
Antral follicle

O3:
Primordial follicle

O4:
Corpus luteum

Ans: 2

Ques No: 15, QuesID : 801531

Subject: Anaesthesia

Topic: Pre-Anaesthetic Evaluation

Sub-Topic:

During the pre-anesthetic evaluation of a patient, the oral cavity examined is depicted in the image given below. The image shows__



O1:
Mallampati class IV

O2:
Mallampati Class II

O3:
Mallampati class III

O4:
Mallampati class I

Ans: 3

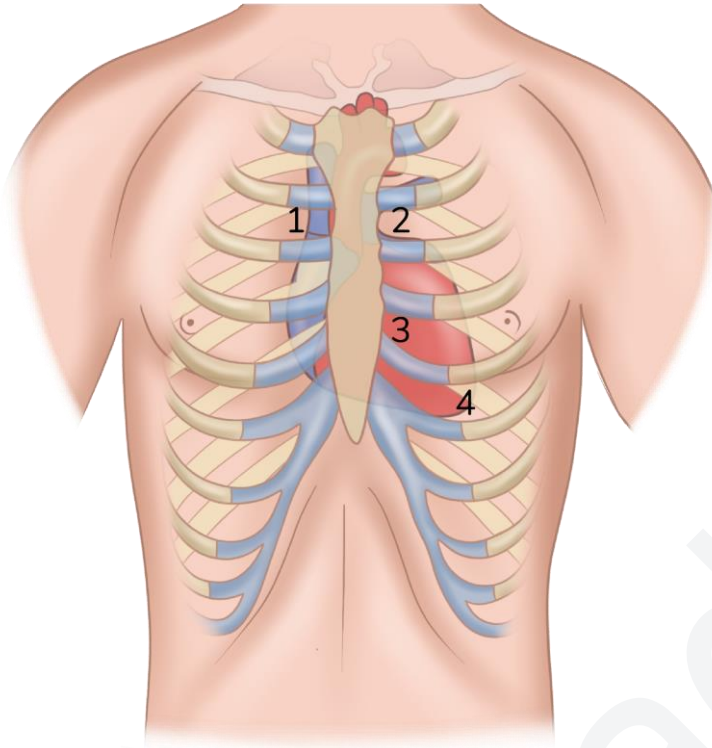
Ques No: 16, QuesID : 801529

Subject: Anatomy

Topic: Thorax

Sub-Topic:

Match the auscultatory areas of the heart from image given below.



O1:

1-aortic, 2-pulmonary, 3-mitral, 4-tricuspid

O2:

1-aortic, 2-pulmonary, 3-tricuspid, 4-mitral

O3:

1-mitral, 2-pulmonary, 3-tricuspid, 4-mitral

O4:

1-aortic, 2-tricuspid, 3-pulmonary, 4-mitral

Ans: 2

Ques No: 17, QuesID : 801533

Subject: Anaesthesia

Topic: Miscellaneous

Sub-Topic:

While doing a subclavian venous catheterization, the patient suddenly desaturated and on examination of the chest, there was hyper resonance in the apical area of the right lung. What is the most likely diagnosis here?

O1:

Arterial puncture

O2:

Pneumothorax



O3:

Cardiac tamponade

O4:

Chylothorax

Ans: 1

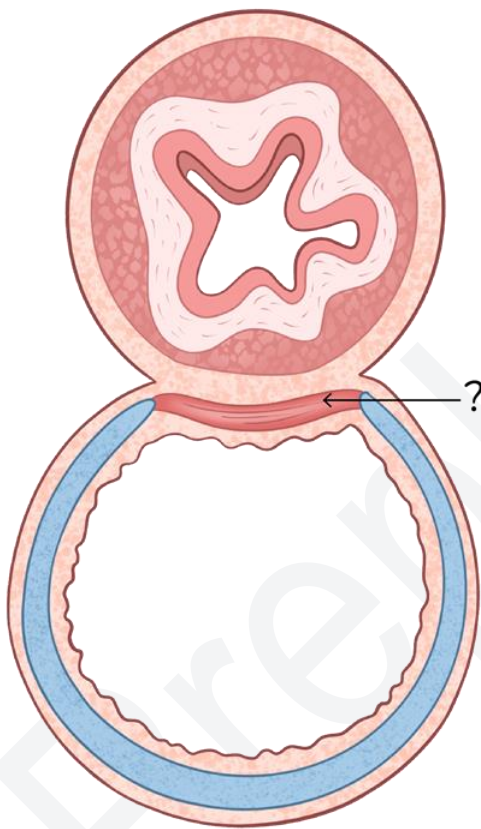
Ques No: 18, QuesID : 801541

Subject: Anatomy

Topic: Histology

Sub-Topic:

The image below shows the cross-section of the trachea. Identify the structure marked.



O1:

Trachealis muscle

O2:

Tracheal cartilage

O3:

Submucosal glands

O4:

Perichondrium

Ans: 1



Ques No: 19, QuesID : 801545

Subject: Anaesthesia

Topic: Inhalational Anesthetic Agents

Sub-Topic:

Which of the following induction agents is most appropriate for a patient with cardiac disease?

O1:

Ketamine

O2:

Etomidate

O3:

Propofol

O4:

Thiopentone

Ans: 2

Ques No: 20, QuesID : 801547

Subject: Anatomy

Topic: Introduction

Sub-Topic:

The vertical plane that divides the body into anterior and posterior parts is known as.

O1:

Coronal plane

O2:

Transverse plane

O3:

Axial plane

O4:

Median plane

Ans: 1

Ques No: 21, QuesID : 801522

Subject: Surgery

Topic: Others

Sub-Topic:

What is the most common cause of death in the case of esophageal varices in a patient with liver cirrhosis:

O1:

Hypovolemic shock

O2:

Cardiogenic shock



O3:

Obstructive shock

O4:

Distributive shock

Ans: 1

Ques No: 22, QuesID : 801539

Subject: Surgery

Topic: Cardiothoracic Vascular Surgery

Sub-Topic:

A 32-year-old male chronic smoker presents with pain in the fingers for a few months. On examination, gangrenous ulcers were present in the fingers as shown below. Investigations showed blood glucose and lipid profile within normal limits. Which of the following is the most likely diagnosis?



O1:

Buerger's disease

O2:

Diabetic ulcers

O3:

Acute paronychia

O4:

Raynaud's phenomenon

Ans: 1



Ques No: 23, QuesID : 801535

Subject: ENT

Topic: Pharynx

Sub-Topic:

A worried mother brought her 6-year-old unimmunized child to the ER with complaints of fever, cough and shortness of breath. On examination, a pseudo membrane was noted over the tonsils which bleed on trying to remove and a bull-neck appearance of the neck. Which of the following is the most likely diagnosis?

O1:

Infectious mononucleosis

O2:

Tonsillitis

O3:

Diphtheria

O4:

Candidiasis

Ans: 3

Ques No: 24, QuesID : 801551

Subject: Ophthalmology

Topic: Orbit

Sub-Topic:

A 55-year-old woman presents with chronic mucopurulent discharge from her left eye and swelling near the medial canthus. Which of the following is the treatment of choice in this patient?

O1:

Dacryocystorhinostomy

O2:

Dacryocystectomy

O3:

Conjunctivo-cystorhinostomy

O4:

Balloon catheter dilation

Ans: 1

Ques No: 25, QuesID : 801555

Subject: Anatomy

Topic: Histology

Sub-Topic:

The fallopian tube is lined by.

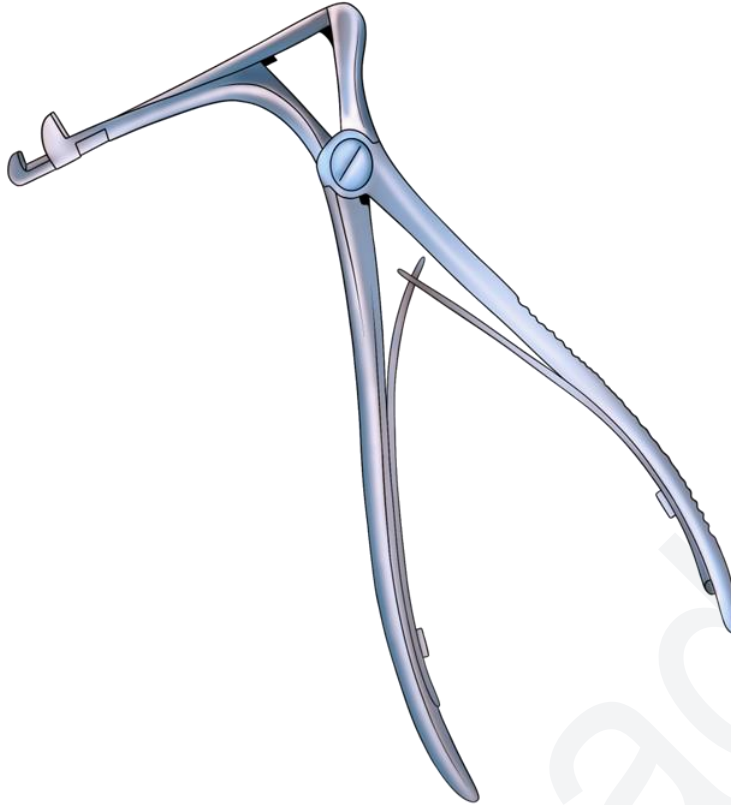
O1:



Simple columnar epithelium
O2: Pseudostratified ciliated columnar epithelium
O3: Ciliated columnar epithelium
O4: Cuboidal epithelium with microvilli
Ans: 3

<p>Ques No: 26, QuesID : 801578 Subject: ENT Topic: Nose and Paranasal Sinuses Sub-Topic:</p> <p>A 6-year-old boy fell from the bed and developed nose swelling and difficulty breathing. Examination revealed smooth rounded swellings on either side of the septum through both nares. On palpation, it was soft and fluctuant. What is the next best step in the management of this patient?</p>
O1: Systemic antibiotics
O2: Incision and drainage
O3: High-resolution computerized tomography
O4: Submucosal resection
Ans: 2

<p>Ques No: 27, QuesID : 801576 Subject: Ophthalmology Topic: Orbit Sub-Topic:</p> <p>Which of the following surgeries use this instrument?</p>
--



O1:
Evisceration

O2:
Enucleation

O3:
Cataract surgery

O4:
Dacryocystorhinostomy

Ans: 4

Ques No: 28, QuesID : 801588

Subject: ENT

Topic: Ear

Sub-Topic:

A young lady presented to the ENT OPD with a history of sudden onset unilateral hearing loss, tinnitus, and dizziness following an episode of acute otitis media two weeks back. Rinne test and fistula test were positive. She had refused treatment then and currently came with complaints of worsened hearing loss in the affected ear. On examination, the fistula test was negative. What would be the most likely finding on the Rinne test in this scenario?

O1:
True positive

O2:



True negative
O3: False positive
O4: False negative
Ans: 4

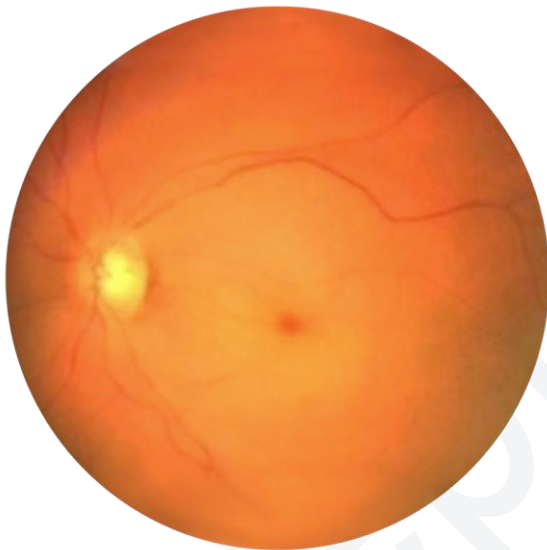
Ques No: 29, QuesID : 801584

Subject: Ophthalmology

Topic: Retina

Sub-Topic:

A 58-year-old man after his retirement party came with the complaint of sudden painless loss of vision in his left eye for the past 2 hours. Fundoscopic examination shows a similar picture given below. What is the most probable cause of this condition?



O1: BRAO
O2: BRVO
O3: CRAO
O4: CRVO
Ans: 3

Ques No: 30, QuesID : 801564

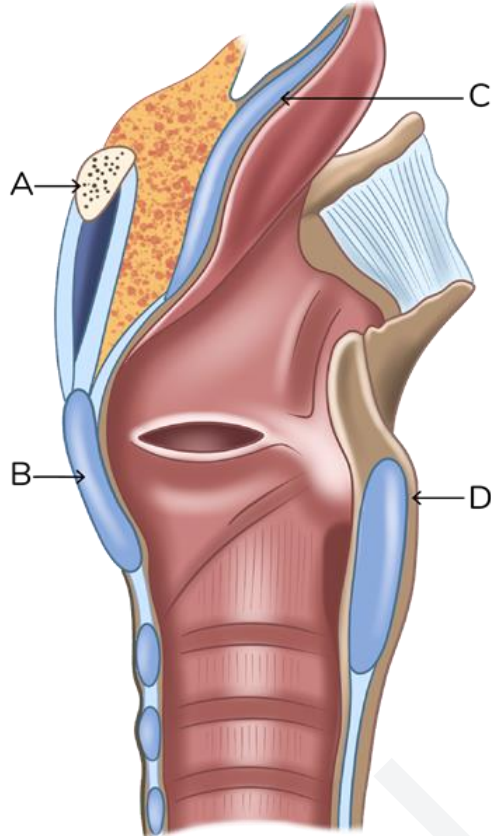
Subject: Anatomy

Topic: Head and Neck

Sub-Topic:



Identify the structure marked a 'c'.



O1:
Epiglottis

O2:
Hyoid bone

O3:
Thyroid cartilage

O4:
Cricoid cartilage

Ans: 1

Ques No: 31, QuesID : 801594

Subject: ENT

Topic: Ear

Sub-Topic:

What is the Battle sign?

O1:
Mastoid ecchymosis

O2:
Periorbital hematoma



O3:

Bezold abscess

O4:

Perichondritis

Ans: 1

Ques No: 32, QuesID : 801590

Subject: Ophthalmology

Topic: Optics

Sub-Topic:

A patient with a corneal scar has a visual acuity of 6/36, which improves to 6/18 with a pinhole. The most likely reason for this is –

O1:

Glaucoma

O2:

Malingering

O3:

Irregular astigmatism

O4:

Cataract

Ans: 3

Ques No: 33, QuesID : 801592

Subject: Anatomy

Topic: Neuro Anatomy

Sub-Topic:

At what level does the spinal cord end in infants?

O1:

L1

O2:

L2

O3:

L3

O4:

L4

Ans: 3

Ques No: 34, QuesID : 801598

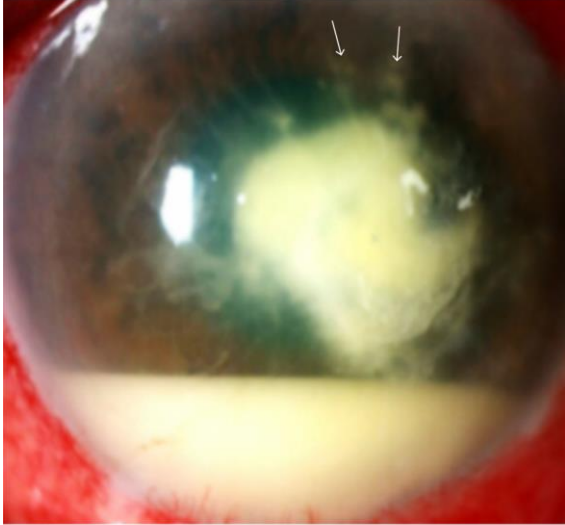
Subject: Ophthalmology

Topic: Cornea

Sub-Topic:



An 18-year-old boy presents with a history of injury to the eye caused while climbing a tree 5 days ago, resulting in pain, photophobia, and redness of the eye for 2 days. Slit-lamp examination reveals a lesion as shown below. Which among the following is a feature of this condition?



O1:
Reverse hypopyon

O2:
Dendritic ulcer

O3:
Ring abscess

O4:
Satellite lesion

Ans: 4

Ques No: 35, QuesID : 801602

Subject: Ophthalmology

Topic: Optics

Sub-Topic:

A 5-year-old female patient presented for her first complete eye examination after a school vision screening found unequal visual acuity. Her parents have not noted any eye problems. Visual acuity in the right eye was 20/20 and the left eye was 20/80. The rest of the examination including the Fundus exam was unremarkable, what is the most probable diagnosis?

O1:
Brain lesion

O2:
Retinoblastoma

O3:



Congenital cataract

O4:

Amblyopia

Ans: 4

Ques No: 36, QuesID : 801568

Subject: Surgery

Topic: Cardiothoracic Vascular Surgery

Sub-Topic:

An 80-year-old man developed right-sided calf muscle pain and swelling. He was bedridden following a right inter-trochanteric fracture. What is the most likely diagnosis?

O1:

Chronic osteomyelitis

O2:

Deep vein thrombosis

O3:

Compartment syndrome

O4:

Arterial claudication

Ans: 2

Ques No: 37, QuesID : 801593

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

Which of the following statements is true with respect to the Little's area?

O1:

Keisselbach's plexus is present in the Little's area

O2:

It is situated at the postero-inferior part of the nasal septum

O3:

Least common site for epistaxis

O4:

Anastomoses of 7 major arteries occur here

Ans: 1

Ques No: 38, QuesID : 801606

Subject: Ophthalmology

Topic: Community Ophthalmology

Sub-Topic:



Which is the most common cause of preventable childhood blindness?

O1:

Refractive error

O2:

Vitamin A deficiency

O3:

Retinopathy of prematurity

O4:

Injuries

Ans: 2

Ques No: 39, QuesID : 801582

Subject: Surgery

Topic: Endocrine Surgery

Sub-Topic:

A 30-year-old lactating mother presents with pain in her left breast and a fever. On examination of the affected side, there is localized erythema, warmth, and point tenderness, the fluctuation test is positive. There is mild axillary lymphadenopathy on the affected side and the contralateral breast is normal. Repeated aspirations under antibiotic cover done were unsuccessful. A USG done showed fluid collection. What is the management plan for this patient?



O1:

Incision and drainage

O2:

Broad spectrum antibiotics only

O3:

Breast conservation surgery



O4:
Punch biopsy

Ans: 1

Ques No: 40, QuesID : 801610

Subject: Ophthalmology

Topic: Orbit

Sub-Topic:

Identify the condition shown in the image.



O1:
Entropion

O2:
Ectropion

O3:
Trichiasis

O4:
Ptosis

Ans: 1

Ques No: 41, QuesID : 801600

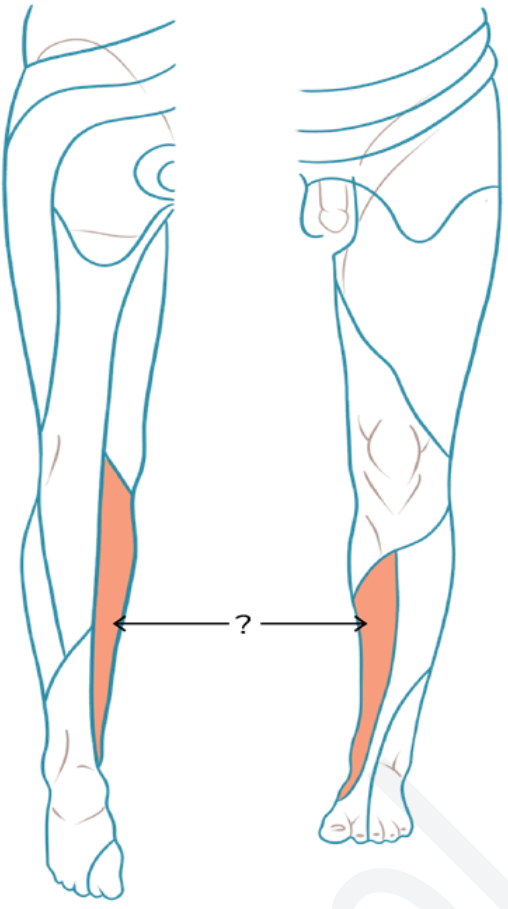
Subject: Anatomy

Topic: Lower Limb

Sub-Topic:

The dermatome of the area marked in the given below image is.



<div><div>Posterior</div><div>Anterior</div></div>	
O1:	L4
O2:	L5
O3:	S1
O4:	S2
Ans:	1

Ques No: 42, QuesID : 801608

Subject: Surgery

Topic: Endocrine Surgery

Sub-Topic:

A 23-year-old woman presents to the surgery out-patient with a left-sided breast lump which she noticed on a self-breast examination 3 weeks ago. She has no other complaints. On palpation, the lump seems to be mobile and firm. Mammogram revealed a benign lesion. What is the best next step in management?



O1: Biopsy
O2: Reassurance and follow-up
O3: Surgical excision
O4: Start Tamoxifen
Ans: 2

<p>Ques No: 43, QuesID : 801616 Subject: Ophthalmology Topic: Retina Sub-Topic:</p> <p>A 7-year-old boy presented with a white pupillary reflex for which enucleation was done. The histopathological examination of the specimen revealed Flexner Wintersteiner rosettes. What could be the most probable diagnosis?</p>
O1: Retinoblastoma
O2: Medulloblastoma
O3: Rhabdomyosarcoma
O4: Astrocytoma
Ans: 1

<p>Ques No: 44, QuesID : 801604 Subject: Anatomy Topic: Abdomen Sub-Topic:</p> <p>The neurovascular plane of the abdominal wall lies</p>
O1: Between the internal oblique and external oblique
O2: Deep to transversus abdominis
O3: Between the internal oblique and rectus abdominis
O4: Between the internal oblique and transversus abdominis
Ans: 4



Ques No: 45, QuesID : 801614

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

A 14-year-old male presented with recurrent epistaxis. There is no history of trauma associated with it. He also complained of nasal obstruction and rhinorrhea. On examination, there is a firm purplish mass on the posterior nasopharynx. What is the most probable diagnosis?

O1:

Nasopharyngeal carcinoma

O2:

Rhabdomyosarcoma

O3:

Pyogenic granuloma

O4:

Juvenile nasopharyngeal angiofibroma

Ans: 4

Ques No: 46, QuesID : 801622

Subject: Ophthalmology

Topic: Ocular Injuries

Sub-Topic:

An industrial worker was admitted to the hospital after an eye injury sustained while cutting stone with a hammer and iron chisel. A foreign body was suspected to be impacted in his eye. Which of the following is the best investigation for foreign body localization?

O1:

MRI

O2:

CT

O3:

X-ray

O4:

B mode scan

Ans: 2

Ques No: 47, QuesID : 801618

Subject: Surgery

Topic: Head And Neck

Sub-Topic:

The false statement about cystic masses of the neck is:



O1:

Type 3 branchial fistula has its internal orifice on cricopharynxgeus

O2:

Cystic hygroma is filled with clear lymph

O3:

Thyroglossal cyst moves upwards on swallowing and tongue protrusion

O4:

Fluctuation is positive in branchial

Ans: 1

Ques No: 48, QuesID : 801628

Subject: Ophthalmology

Topic: Squint / Strabismus

Sub-Topic:

Which of the following is the best line of treatment in a 3-year-old child presenting with a recent onset of 15-degree accommodative esotropia?

O1:

Orthoptic exercise

O2:

Surgery

O3:

Relieving prism

O4:

Refractive correction

Ans: 4

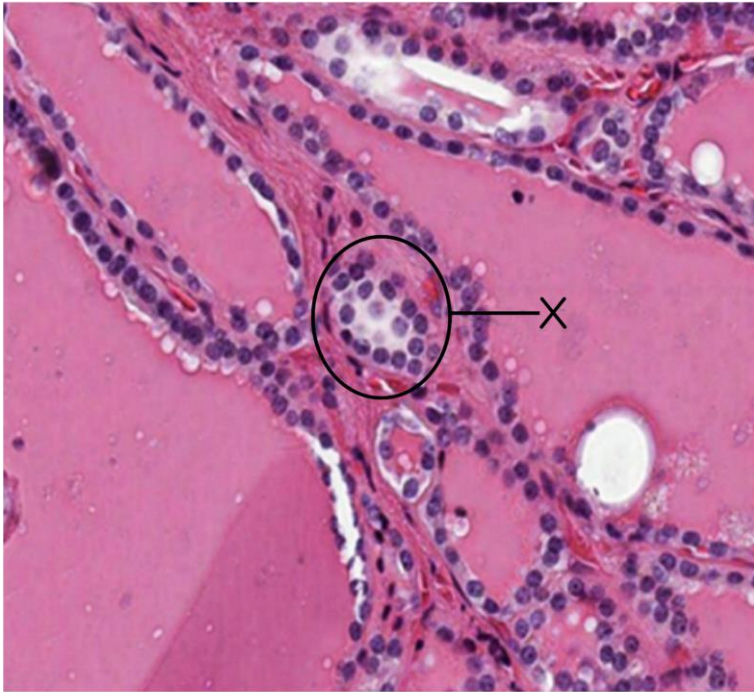
Ques No: 49, QuesID : 801624

Subject: Anatomy

Topic: Histology

Sub-Topic:

Given below is a histological section of the thyroid gland. Which of the following is secreted by the cell marked 'X' in the image?



O1:
Thyroxine

O2:
Calcitonin

O3:
Parathormone

O4:
Serotonin

Ans: 2

Ques No: 50, QuesID : 801632

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

A 35 year old woman presents to you with complaints of difficulty in hearing in the right ear which is slowly progressive. She also has tinnitus which is pulsatile in nature. On examination, a reddish mass was seen behind the tympanic membrane and an audible bruit is heard over the mastoid when auscultation with a stethoscope. Her Rinne test was negative. Which of the following is the most likely diagnosis?

O1:
CSOM

O2:
ASOM

O3:



Mastoiditis

O4:

Glomus tumor

Ans: 4

Ques No: 51, QuesID : 801634

Subject: Ophthalmology

Topic: Conjunctiva

Sub-Topic:

A contact lens user presents with the following clinical picture. He had watering, redness, and foreign body sensation in the eye for the past 2 months. What is the most probable diagnosis?



O1:

Acute trachoma

O2:

Follicular conjunctivitis

O3:

Giant papillary conjunctivitis

O4:

Spring catarrh

Ans: 3

Ques No: 52, QuesID : 801626

Subject: Surgery

Topic: Plastic Surgery

Sub-Topic:

What is the preferred management of the condition given in the image below?



O1:
Surgical excision

O2:
Radiotherapy

O3:
Antibiotics

O4:
Intralesional steroids

Ans: 1

Ques No: 53, QuesID : 801638

Subject: Ophthalmology

Topic: Optics

Sub-Topic:

A worried mother brought her son for a vision examination when she noticed him reading a book too closely. She says he also narrows his eyes while watching television. Examination revealed myopia. Which of the following lenses should be prescribed to correct this child's vision?

O1:
Convex

O2:
Concave

O3:
Cylindrical

O4:
Concave + convex

Ans: 2

Ques No: 54, QuesID : 801640

Subject: ENT

Topic: Pharynx

Sub-Topic:

A school-going child presents with a history of recurrent upper respiratory tract infections, mouth breathing, and impaired hearing. On examination, a high arched palate is noted. What



is the management of this condition?

O1:

Tonsillectomy

O2:

Adenoidectomy

O3:

Adenoidectomy with grommet insertion

O4:

Myringotomy with grommet insertion

Ans: 3

Ques No: 55, QuesID : 801642

Subject: Ophthalmology

Topic: Neuro Ophthalmology

Sub-Topic:

A 45-year-old man presents to the casualty with a sudden loss of vision and painful ocular movements. On examination in the affected eye, a relative afferent pupillary defect is seen, however the optic disk was normal. Visual field testing was done which revealed central scotoma in the same eye. What is the most likely diagnosis?

O1:

Optic nerve glioma

O2:

Optic neuritis

O3:

Eale's disease

O4:

Neuroretinitis

Ans: 2

Ques No: 56, QuesID : 801636

Subject: Surgery

Topic: Urology

Sub-Topic:

A young girl presents with complaints of continuous dribbling of urine. However, she also voids normally. Her parents tell you that she had never been totally dry since her birth. What is the most likely diagnosis?

O1:

Ectopic ureter

O2:

Ureterocele

O3:

Congenital megaureter



O4:

Vesicoureteric reflux

Ans: 1

Ques No: 57, QuesID : 801646

Subject: Pathology

Topic: Inflammation

Sub-Topic:

A patient who underwent surgery for a lipoma 5 weeks back, now presents with a scar at the incision site that is limited to the original wound boundaries. What is the most likely diagnosis?

O1:

Keloid

O2:

Exuberant granulation

O3:

Hypertrophic scar

O4:

Granulation tissue

Ans: 3

Ques No: 58, QuesID : 801630

Subject: Biochemistry

Topic: Vitamins

Sub-Topic:

Which of the following steps in the metabolism of vitamin D requires sunlight?

O1:

1,25 dihydroxy cholecalciferol to 7-dehydrocholesterol

O2:

7-dehydrocholesterol to cholecalciferol

O3:

Cholecalciferol to 25-hydroxycholecalciferol

O4:

25-hydroxycholecalciferol to 1,25 dihydroxycholecalciferol

Ans: 2

Ques No: 59, QuesID : 801654

Subject: Pathology

Topic: Inflammation

Sub-Topic:

During wound healing, the cells that appear first due to chemotaxis, at the site of the wound are



O1: Neutrophils
O2: Monocytes
O3: Macrophages
O4: Lymphocytes
Ans: 1

<p>Ques No: 60, QuesID : 801658 Subject: Pathology Topic: Immunity Sub-Topic:</p> <p>A person was brought to the emergency department with facial swelling, itching, and hypotension following a bee sting. The mentioned clinical features are due to the increase in which immunoglobulin?</p>
O1: IgA-immunoglobulin A
O2: IgE – Immunoglobulin E
O3: IgM – Immunoglobulin M
O4: IgG – immunoglobulin G
Ans: 2

<p>Ques No: 61, QuesID : 801650 Subject: Biochemistry Topic: Integrated Essentials Sub-Topic:</p> <p>Menke's disease is due to a deficiency of:</p>
O1: Zinc
O2: Copper
O3: Iron
O4: Magnesium
Ans: 2



Ques No: 62, QuesID : 801644

Subject: Surgery

Topic: Urology

Sub-Topic:

1-month-old child is brought to the OPD for consultation regarding an empty scrotal sac. On examination B/L inguinal masses are palpable. What is the next step of management for this child?

O1:

Perform karyotyping

O2:

Surgical exploration within the next 2 weeks

O3:

Perform orchidopexy now

O4:

Wait and watch for spontaneous descent within the next 6 months

Ans: 4

Ques No: 63, QuesID : 801662

Subject: Pathology

Topic: Immunity

Sub-Topic:

A Rh-negative mother delivered an Rh-positive baby and Coomb's test was positive for the baby. What is the mechanism of hypersensitivity seen in this scenario?

O1:

Antigen-dependent cellular cytotoxicity

O2:

Antibody-dependent cellular cytotoxicity

O3:

Antigen-antibody immune complex deposition

O4:

CD4-T cell-mediated cytokine release

Ans: 2

Ques No: 64, QuesID : 801660

Subject: Biochemistry

Topic: Carbohydrate Metabolism

Sub-Topic:

Classical galactosemia is due to a deficiency of which enzyme?

O1:

Aldose reductase



O2:
Galactokinase

O3:
Galactose-1-phosphate uridyl transferase

O4:
UDP galactose-4-epimerase

Ans: 3

Ques No: 65, QuesID : 801664

Subject: Pathology

Topic: Inflammation

Sub-Topic:

Which of the following molecules helps in the adhesion of the leucocyte to the endothelium during inflammation?

O1:
P-selectin

O2:
Platelet-activating factor

O3:
Selectins

O4:
Complement

Ans: 3

Ques No: 66, QuesID : 801666

Subject: Biochemistry

Topic: Carbohydrate Metabolism

Sub-Topic:

Which of the following is not a function of glucagon?

O1:
Glycolysis

O2:
Gluconeogenesis

O3:
Glycogenolysis

O4:
Ketogenesis

Ans: 1

Ques No: 67, QuesID : 801670

Subject: Biochemistry



Topic: Vitamins

Sub-Topic:

A 34-year-old male was on maize as a staple diet for a prolonged period. He presented with pain abdomen, loss of appetite, and diarrhoea. On examination, there was glossitis and a pigmented rash in sun-exposed areas. A lesion over his neck was seen as shown in the image below. What is the possible diagnosis?



O1:

Pellagra

O2:

Scurvy

O3:

Megaloblastic anemia

O4:

Beriberi

Ans: 1

Ques No: 68, QuesID : 801674

Subject: Biochemistry

Topic: Lipid Metabolism

Sub-Topic:

Cholesterol is synthesized primarily from:

O1:

Malonyl-CoA

O2:

Pyruvate

O3:



Oxaloacetate

O4:

Acetyl-CoA

Ans: 4

Ques No: 69, QuesID : 801676

Subject: Biochemistry

Topic: Genetics

Sub-Topic:

Which of the following enzymes is deficient in the autosomal recessive type of severe combined immunodeficiency?

O1:

Ornithine transcarbamylase

O2:

Phosphomannose isomerase

O3:

Adenosine deaminase

O4:

Hypoxanthine-guanine phosphoribosyl transferase

Ans: 3

Ques No: 70, QuesID : 801680

Subject: Forensic Medicine

Topic: Forensic Toxicology

Sub-Topic:

Which of the following options describes the symptoms seen classically in a patient bitten by the snake shown in the image below?



O1:

Non-poisonous, dry bite

O2:

Severe edema, necrosis and bleeding

O3:

Severe muscle necrosis, rhabdomyolysis

O4:

Neurotoxicity and muscle paralysis

Ans: 4

Ques No: 71, QuesID : 801668

Subject: Pathology

Topic: Genital System

Sub-Topic:

A 22-year-old woman was diagnosed with a large tumor in the right ovary and histopathology shows it has origin from all three germ layers. Which of the following is the most likely tumor she is having?

O1:



Dysgerminoma
O2: Teratoma
O3: Thecoma
O4: Theca lutein cyst
Ans: 2

<p>Ques No: 72, QuesID : 801672</p> <p>Subject: Pathology</p> <p>Topic: Hematology: Red Blood Cells</p> <p>Sub-Topic:</p> <p>A 30-year-old male complained of fatigue for the past 1 year. Examination revealed massive splenomegaly. His blood workup shows the following findings. Which of the following is the most likely diagnosis?</p> <ul style="list-style-type: none">• Anemia• Total leucocyte count - 1,50,000/microL• Peripheral blood smear <p>60% neutrophils-6%</p> <p>Basophils-4%</p> <p>Eosinophils</p> <p>Myeloblasts, myelocytes, and metamyelocytes</p> <p>Myeloid to erythroid ratio – 18:1</p>
O1: ALL
O2: AML
O3: CML
O4: CLL
Ans: 3

<p>Ques No: 73, QuesID : 801684</p> <p>Subject: Pathology</p> <p>Topic: Hematology: Red Blood Cells</p> <p>Sub-Topic:</p> <p>An 18-year-old male presented to the outpatient department with gum bleeding and fever for the past 2 months. General examination showed a pallor and the systemic examination was unremarkable. Laboratory examination revealed Hb level-3 gm/dl, TLC-1500/microL, and platelet count- 15000/micro. Peripheral smear shows macrocytes and the reticulocyte count is 0.5. Bone marrow examination revealed fatty streaks and absent megakaryocytes but no</p>



immature cells. What is the likely diagnosis?

Hb-Hemoglobin

TLC-Total leucocyte counts

O1:

Idiopathic acquired aplastic anemia

O2:

Paroxysmal nocturnal hemoglobinuria

O3:

Myelodysplastic syndrome

O4:

Tuberculosis

Ans: 1

Ques No: 74, QuesID : 801682

Subject: Forensic Medicine

Topic: Medical Jurisprudence

Sub-Topic:

A patient was referred by a doctor to a radiologist for a CT scan and the doctor was given money for the referral. What is this unethical act called?

O1:

Dichotomy

O2:

Medical maloccurrence

O3:

Criminal negligence

O4:

Commission

Ans: 1

Ques No: 75, QuesID : 801656

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A patient presents with repetitive episodes of heartburn and chest pain. What is the most common condition that causes these symptoms?

O1:

Barrett's esophagus

O2:

Pneumonia

O3:

Myocardial infarction



O4:
Esophagitis

Ans: 4

Ques No: 76, QuesID : 801686

Subject: Pathology

Topic: Immunity

Sub-Topic:

A 24-year-old female patient presented with malar rash, recurrent oral ulcers, and multiple joint pain. She has no relevant past history and does not take any medication. On further investigations, thrombocytopenia was seen and the Anti-Sm antibody was positive. Which of the following is the most likely diagnosis for this patient?

O1:
Scleroderma

O2:
Sjogren's syndrome

O3:
Rheumatoid arthritis

O4:
Systemic lupus erythematosus

Ans: 4

Ques No: 77, QuesID : 801692

Subject: Forensic Medicine

Topic: Sexual Jurisprudence

Sub-Topic:

A 24-year-old man presents with an excessive desire for sexual intercourse. What is this called?

O1:
Satyriasis

O2:
Frotteurism

O3:
Nymphomania

O4:
Masochism

Ans: 1

Ques No: 78, QuesID : 801688

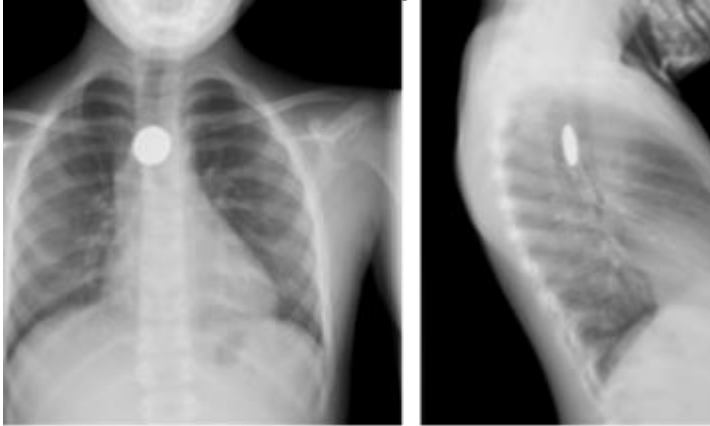
Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:



A baby playing unsupervised was brought with complaints of difficulty in swallowing for the last few hours. The x-ray image is given below. What is the diagnosis?



O1:
Foreign body in the trachea

O2:
Foreign body in the esophagus

O3:
Foreign body in lungs

O4:
Foreign body in pleura

Ans: 2

Ques No: 79, QuesID : 801696

Subject: Forensic Medicine

Topic: Forensic Toxicology

Sub-Topic:

Identify the plant shown in the image below.



O1:
Parthenium hysterophorus

O2:
Datura stramonium

O3:
Digitalis purpurea

O4:
Calotropis gigantea

Ans: 1

Ques No: 80, QuesID : 801690

Subject: Pathology

Topic: Respiratory System

Sub-Topic:

A middle-aged man working in sandblasting developed hemoptysis, and a productive cough. A chest x-ray is suggestive of tuberculosis. Which of the following is associated with the same?

O1:
Asbestosis

O2:



Silicosis

O3:

Anthraxis

O4:

Siderosis

Ans: 2

Ques No: 81, QuesID : 801702

Subject: Forensic Medicine

Topic: Forensic Thanatology

Sub-Topic:

In the case of drowning, the following finding is seen at autopsy. What is it called?



O1:

Cadaveric spasm

O2:

Cutis anserina

O3:

Rigor mortis

O4:

Washerwoman's hands

Ans: 1

Ques No: 82, QuesID : 801703

Subject: Biochemistry

Topic: Amino Acid and Protein Metabolism

**Sub-Topic:**

Which of the following is considered a universal methyl group donor in various biochemical reactions?

O1:

Glucose-6-phosphate

O2:

Acetyl CoA

O3:

S-AdenosylMethionine

O4:

S-Adenosyl Serine

Ans: 3

Ques No: 83, QuesID : 801707

Subject: Forensic Medicine

Topic: Forensic Thanatology

Sub-Topic:

Identify the odor produced by the change seen in the image below.

**O1:**

Odorless

O2:

Pungent

O3:

Putrid

O4:

Offensive

Ans: 1



Ques No: 84, QuesID : 801709

Subject: Biochemistry

Topic: Introduction

Sub-Topic:

Thermogenin protein is mainly found in...

O1:

Golgi complex

O2:

Endoplasmic reticulum

O3:

Mitochondria

O4:

Nucleus

Ans: 3

Ques No: 85, QuesID : 801694

Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

A patient underwent laparoscopic cholecystectomy and was discharged after removing the drain tube on the first postoperative day. On day two, the patient came back to the hospital with complaints of increasing abdominal pain and was febrile on examination. On ultrasound examination, there was a 5 x 5 cm collection in the subhepatic space. What is the most likely cause of this condition?

O1:

Infection

O2:

Surgical site pain

O3:

Bile leak

O4:

Retained gallstones

Ans: 3

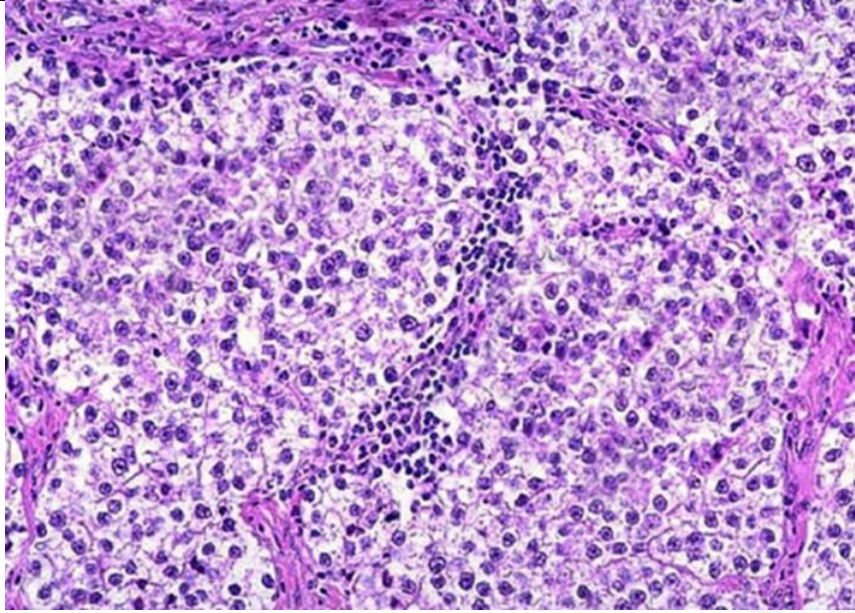
Ques No: 86, QuesID : 801698

Subject: Pathology

Topic: Genital System

Sub-Topic:

A 48-year-old patient presented with scrotal swelling. Investigations for testicular tumors revealed that LDH was raised but AFP was within normal limits. Following orchidectomy, the following histological picture was observed. Which of the following is the most likely diagnosis?



O1:
Yolk sac tumor

O2:
Teratoma

O3:
Seminoma

O4:
Embryonal carcinoma

Ans: 3

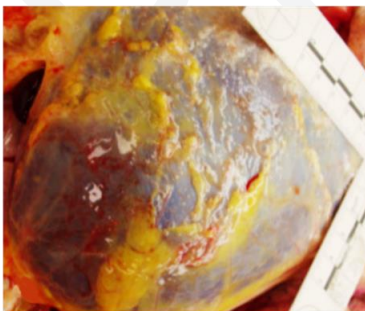
Ques No: 87, QuesID : 801715

Subject: Forensic Medicine

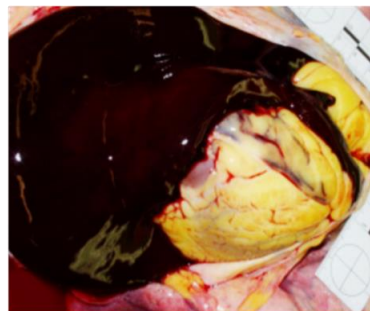
Topic: Forensic Traumatology

Sub-Topic:

Identify the post-mortem finding in a patient with a stab wound on the left side of the chest.



A



B

O1:
Cardiac tamponade



O2:

Fat necrosis

O3:

Hemothorax

O4:

Pulmonary embolism

Ans: 1

Ques No: 88, QuesID : 801711

Subject: Biochemistry

Topic: Vitamins

Sub-Topic:

A young boy presented with fissured tongue, lips, and lesions in the angle of the mouth as shown below. On investigation, he had low RBC glutathione reductase activity. Which vitamin is deficient here?



O1:

Vitamin B12

O2:

Vitamin B3

O3:

Biotin

O4:

Riboflavin



Ans: 4

Ques No: 89, QuesID : 801700

Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

A 40-year-old lady is found to have a gallbladder polyp of size 5 mm on abdominal USG with no associated gallbladder stones. She appears to be healthy and is asymptomatic. How will you manage this patient?

O1:

Regular follow-up every 2 months

O2:

Polypectomy

O3:

Laparoscopic cholecystectomy

O4:

Open cholecystectomy

Ans: 1

Ques No: 90, QuesID : 801717

Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

Which of the following is the most common side effect of cholecystectomy?

O1:

Acute kidney injury

O2:

Osteoporosis

O3:

Steatorrhea

O4:

Colorectal cancer

Ans: 3

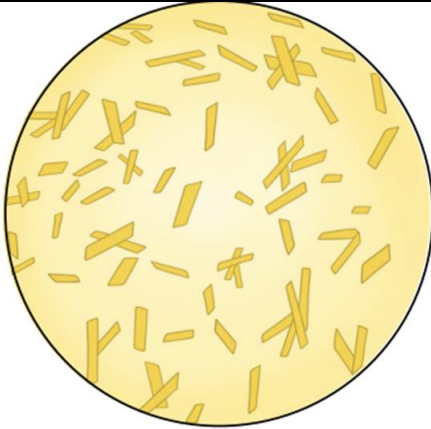
Ques No: 91, QuesID : 801719

Subject: Forensic Medicine

Topic: Traces of Evidences

Sub-Topic:

Identify the test shown in the image below.



O1:
Barberio test

O2:
Florence test

O3:
Takayama test

O4:
Teichmann test

Ans: 4

Ques No: 92, QuesID : 801726

Subject: Medicine

Topic: Hematology

Sub-Topic:

An elderly woman presented with symptoms of confusion, thirst, and abdominal pain. On examination, she had pallor and thoracic spine tenderness. Her lab investigations showed the following findings. An x-ray of her skull is shown below. What is the most likely diagnosis?

Hb – 6.9g/dL

WBC 4000/cm³ with normal differential count

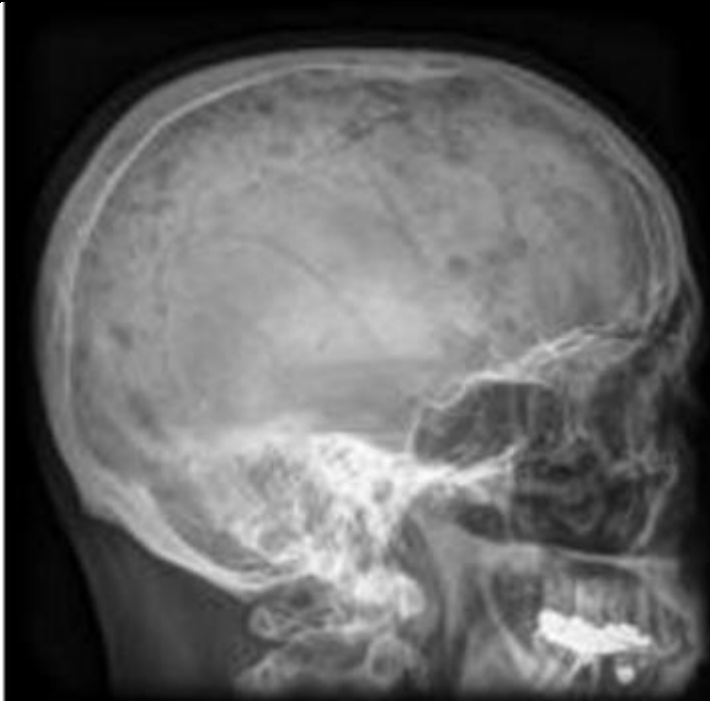
Serum calcium 13 mg/dL

Creatinine 2.3mg/dL

Total protein 9g/dL

Albumin 2.4g/dL

Urinalysis: positive for Bence-Jones proteins



O1:
Metastatic breast cancer

O2:
Multiple myeloma

O3:
Primary hyperparathyroidism

O4:
Milk alkali syndrome

Ans: 2

Ques No: 93, QuesID : 801713

Subject: Biochemistry

Topic: Carbohydrate Metabolism

Sub-Topic:

A 10 year old boy rapidly develops hypoglycemia after moderate activity. Blood examination reveals raised levels of ketone bodies, lactic acid, and triglycerides. On examination, the liver and kidneys are found to be enlarged. Which of the following would be seen in excess amounts in the liver of this child?

O1:
Glucose-6-phosphate

O2:
Glucose-1-phosphate

O3:
Glucose-1,6-diphosphate

O4:



Glycosaminoglycans

Ans: 1

Ques No: 94, QuesID : 801723

Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

A young man presents to the emergency department with complaints of severe abdominal pain and 3 episodes of vomiting in the past 9 hours. He says that the pain radiates to the back and is partially relieved by bending forwards. The abdominal radiograph of the patient is given below which shows a 'colon cut-off sign'. What is the most likely diagnosis?



O1:

Acute hepatitis

O2:

Acute pancreatitis

O3:

Acute colitis

O4:

Intestinal obstruction

Ans: 2

Ques No: 95, QuesID : 801705

Subject: Pathology

Topic: Liver, Biliary System and Pancreas

Sub-Topic:

What is the gene mutation seen in hemochromatosis?



O1:
HFE

O2:
PTEN

O3:
ATP7B gene

O4:
MRP2 protein

Ans: 1

Ques No: 96, QuesID : 801730

Subject: Forensic Medicine

Topic: Sexual Jurisprudence

Sub-Topic:

Which of the following is an abnormal method used for criminal abortion?

O1:
Dilatation and curettage

O2:
Mifepristone

O3:
Abortion stick

O4:
Vacuum aspiration

Ans: 3

Ques No: 97, QuesID : 801740

Subject: Medicine

Topic: Neurology

Sub-Topic:

If all Extraocular muscles are paralyzed, where would you suspect the lesion?

O1:
Frontal eye field

O2:
Cerebral surface

O3:
Midbrain and Pons

O4:
Spinal cord

Ans: 3

Ques No: 98, QuesID : 801725



Subject: Pathology
Topic: Miscellaneous
Sub-Topic:

A 24-year-old male was brought to the emergency department after suffering severe injuries in a motorcycle accident. His blood pressure was 80/60 mm Hg. Ultrasound examination revealed a ruptured spleen. Arterial blood gas analysis was suggestive of metabolic acidosis. The patient most likely suffered from which of the following conditions?

O1:
Cardiogenic shock

O2:
Septic shock

O3:
Hypovolemic shock

O4:
Neurogenic shock

Ans: 3

Ques No: 99, QuesID : 801721

Subject: Biochemistry
Topic: Introduction
Sub-Topic:

Which of the following options is correct with respect to a fed state?

1. Insulin secretion is more
2. Glucagon secretion is less
3. Insulin secretions is less
4. Glucagon secretion is more

O1:
Only 1

O2:
Only 3

O3:
Option 1 and 2 are correct

O4:
Option 3 and 4 are correct

Ans: 3

Ques No: 100, QuesID : 801744

Subject: Forensic Medicine
Topic: Forensic Traumatology
Sub-Topic:

A lucid interval is classically associated with which of the following?

O1:



Subdural haemorrhage
O2: Parenchymal haemorrhage
O3: Extradural haemorrhage
O4: Subarachnoid haemorrhage
Ans: 3

<p>Ques No: 101, QuesID : 801734 Subject: Pediatrics Topic: Nutrition and Malnutrition Sub-Topic:</p> <p>Which of the following is an absolute contraindication for breastfeeding?</p>
O1: Alcoholic mother
O2: Classic galactosemia for the infant
O3: A mother with HIV infection
O4: Infants born to an HbsAg-positive mother
Ans: 2

<p>Ques No: 102, QuesID : 801728 Subject: Surgery Topic: Gastrointestinal Surgery Sub-Topic:</p> <p>A patient presents with chronic small bowel diarrhea. Duodenal biopsy shows villous atrophy. Anti-endomysial antibodies and IgA TTG antibodies are positive. What is the diagnosis?</p>
O1: Short bowel syndrome
O2: Whipple's disease
O3: Tropical sprue
O4: Celiac sprue
Ans: 4

Ques No: 103, QuesID : 801746



Subject: Pathology
Topic: Immunity
Sub-Topic:

Which of the following conditions is associated with hypocalcemia, thymic hypoplasia, cardiac abnormalities, and deletion of chromosome 22q11.2?

O1:
Williams syndrome

O2:
Pitt syndrome

O3:
Digeorge syndrome

O4:
Cri-du-chat syndrome

Ans: 3

Ques No: 104, QuesID : 801752

Subject: Surgery
Topic: Urology
Sub-Topic:

The most common type of renal stones is

O1:
Calcium oxalate

O2:
Cystine

O3:
Triple phosphate

O4:
Uric acid

Ans: 1

Ques No: 105, QuesID : 801764

Subject: Pediatrics
Topic: Nutrition and Malnutrition
Sub-Topic:

Vitamin K supplementation is given to neonates to prevent__.

O1:
Breast milk jaundice

O2:
Hemorrhagic disease of the newborn

O3:
Keratomalacia



O4:
Scurvy

Ans: 2

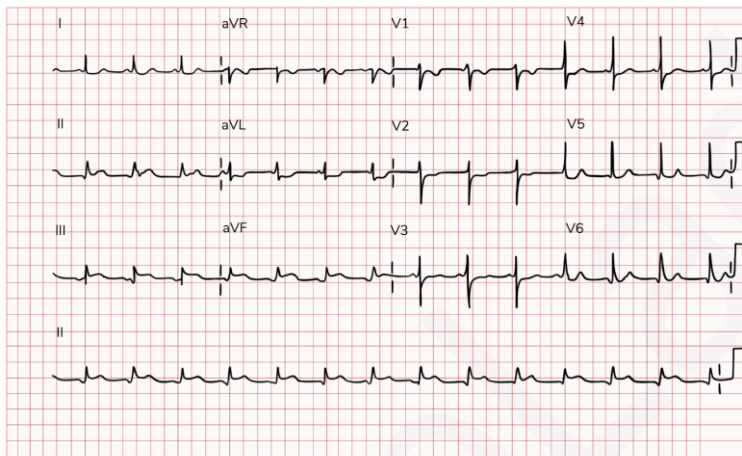
Ques No: 106, QuesID : 801750

Subject: Medicine

Topic: Cardiology

Sub-Topic:

An elderly obese man was brought to casualty with complaints of severe chest pain for the last two hours. He has also had profuse sweating, pain in the left arm, nausea, and one episode of vomiting. On examination, his pulse rate is 58 per minute and his blood pressure is 90/60 mm of Hg. ECG was done and it shows the following finding. Cardiac biomarkers showed elevated troponin levels. What is the most likely diagnosis?



O1:
Anterior wall

O2:
Inferior wall MI

O3:
Posterior wall MI

O4:
Pericarditis

Ans: 2

Ques No: 107, QuesID : 801768

Subject: Pediatrics

Topic: Pediatric Cardiology

Sub-Topic:

Tetralogy of Fallot is most commonly associated with which of the following:

O1:
Klinefelters syndrome



O2:

Edwards syndrome

O3:

Downs syndrome

O4:

Turners' syndrome

Ans: 3

Ques No: 108, QuesID : 801760

Subject: Forensic Medicine

Topic: Sexual Jurisprudence

Sub-Topic:

What is the upper limit of medical termination of pregnancy, according to the MTP act of 1971?

O1:

28 weeks

O2:

22 weeks

O3:

24 weeks

O4:

16 weeks

Ans: 3

Ques No: 109, QuesID : 801756

Subject: Pathology

Topic: Genital System

Sub-Topic:

All of the following are components of Meigs syndrome except:

O1:

Ascites

O2:

Right-sided hydrothorax

O3:

Fibromas of ovary

O4:

Dysgerminoma of ovary

Ans: 4

Ques No: 110, QuesID : 801770

Subject: Medicine



Topic: Neurology

Sub-Topic:

A 54 year old man was brought to the casualty with fever, headache, and focal seizure. EEG shows focal temporal lobe spikes. CSF sample analysis shows 50 cells with 90% lymphocytes and 10% Neutrophils. What would be the drug of choice for this condition?

O1:

Valacyclovir

O2:

Acyclovir

O3:

Ganciclovir

O4:

Foscarnet

Ans: 2

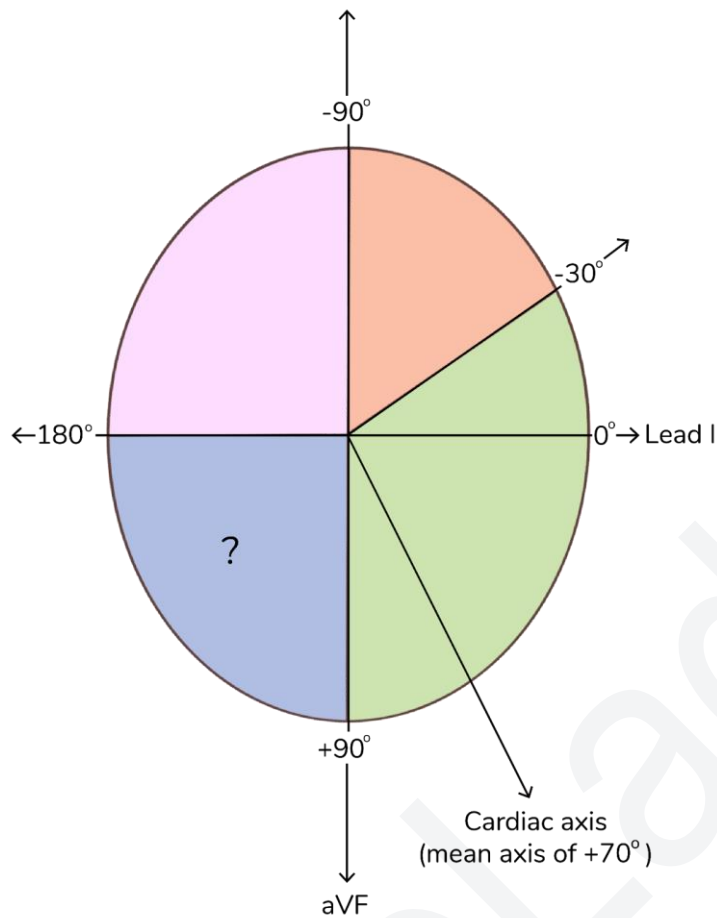
Ques No: 111, QuesID : 801786

Subject: Medicine

Topic: Cardiology

Sub-Topic:

What is the diagnosis if the axis is on the mark “?” from the diagram shown below?



O1:
Right axis deviation

O2:
Normal axis

O3:
Left axis deviation

O4:
Extreme axis deviation

Ans: 1

Ques No: 112, QuesID : 801772

Subject: Surgery

Topic: Urology

Sub-Topic:

The Whitaker test is indicated for which of the following conditions?

O1:
Hydronephrosis



O2:

Posterior urethral valve

O3:

Urethral atresia

O4:

Urethral stricture

Ans: 1

Ques No: 113, QuesID : 801776

Subject: Pharmacology

Topic: Endocrine Pharmacology

Sub-Topic:

A 45 year old obese lady with diabetes was managed with oral hypoglycemic agents. She now presents to the casualty with hypoglycemic agents. She now presents to the casualty with a hypoglycemic episode. Which of the following drugs is most likely responsible for her hypoglycemic episode?

O1:

Metformin

O2:

Pioglitazone

O3:

Sitagliptin

O4:

Glimepiride

Ans: 4

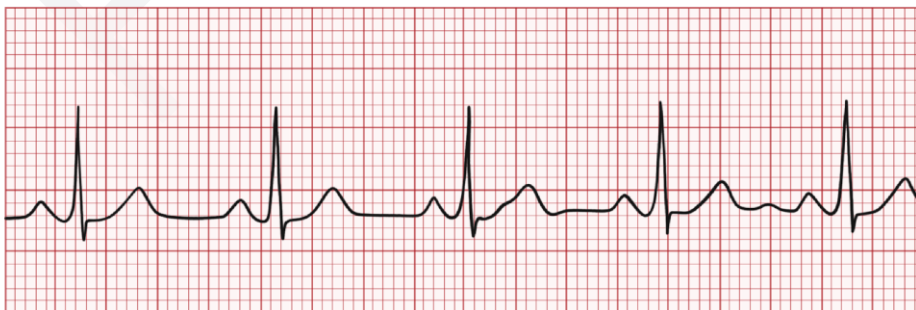
Ques No: 114, QuesID : 801796

Subject: Medicine

Topic: Cardiology

Sub-Topic:

Identify the rhythm in the following ECG rhythm strip.



O1:



Atrial fibrillation
O2: Atrial flutter
O3: Normal sinus rhythm
O4: AV block
Ans: 3

<p>Ques No: 115, QuesID : 801792 Subject: Forensic Medicine Topic: Forensic Toxicology Sub-Topic:</p> <p>A young teenage boy presents to the emergency with a history of drug abuse at a party a couple of hours ago. Some of the symptoms were diaphoresis, headache, anxiety, and hyperactivity. On examination, there was tachycardia and hypertension. Which of the following substances might he have taken?</p>
O1: Alcohol
O2: Cocaine
O3: Opioid
O4: Cannabis
Ans: 2

<p>Ques No: 116, QuesID : 801736 Subject: Biochemistry Topic: Vitamins Sub-Topic:</p> <p>Which of the following vitamins is wrongly matched with their associated enzymes?</p>
O1: Vitamin B1 (Thiamine): RBC Trans-ketolase
O2: Vitamin B2 (Riboflavin): RBC glutathione reductase
O3: Vitamin B9 (Folic acid): FIGLU excretion/Histidine load test
O4: Vitamin C: Serum methylmalonate level
Ans: 4



Ques No: 117, QuesID : 801800

Subject: Pharmacology

Topic: ANS Pharmacology

Sub-Topic:

A patient presents to the emergency department with diarrhea, sweating, excessive lacrimation, and salivation. His pulse rate is 55/min and his plasma cholinesterase level was 50U/mL. Which of the following can be used to treat this patient?

O1:

Neostigmine

O2:

Atropine

O3:

Epinephrine

O4:

Benztropine

Ans: 2

Ques No: 118, QuesID : 801802

Subject: Medicine

Topic: Cardiology

Sub-Topic:

An intern observed that a patient was unresponsive, and an ECG which was performed urgently showed an arrhythmia as below. DC shock was delivered but the arrhythmia persisted, and the patient is still unresponsive. What is the next best step in the management



of this patient?

O1:

Synchronized cardioversion



O2:
Start CPR

O3:
Deliver another DC shock

O4:
1 mg epinephrine IV

Ans: 2

Ques No: 119, QuesID : 801782

Subject: Pediatrics

Topic: Pediatric Nephrology

Sub-Topic:

An 8-year-old boy presented with dark-colored urine as shown below, oliguria, hypertension, and facial puffiness for 3 days. The urine test is positive for albumin. He had a history of throat infection 2 weeks back. On microscopic examination, enlarged, pale glomeruli and epithelial humps are seen. Which of the following is the most likely diagnosis?



O1:
Post-staphylococcal glomerulonephritis

O2:
Post-streptococcal glomerulonephritis

O3:
Nephrotic syndrome

O4:
IgA nephropathy

Ans: 2



Ques No: 120, QuesID : 801780

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 40-year-old male presents with diffuse abdominal pain. He has a known history of Crohn's disease. Physical examination reveals rigidity and guarding. On imaging ileal perforation diagnosed. What is the next best step in the management of this patient?

O1:

Antibiotics and NPO

O2:

Upper GI endoscopy

O3:

Urgent surgical exploration with ileostomy

O4:

CT abdomen

Ans: 3

Ques No: 121, QuesID : 801812

Subject: Medicine

Topic: Rheumatology / Connective Tissue Disorder

Sub-Topic:

Which drugs are not used for a patient diagnosed with sarcoidosis with multi-organ involvement?

O1:

Fludrocortisone

O2:

Hydroxychloroquine

O3:

Methotrexate

O4:

Prednisone

Ans: 1

Ques No: 122, QuesID : 801808

Subject: Pharmacology

Topic: Anticancer Drugs

Sub-Topic:

A 66 year old man presented with difficulty in urination, back pain, and an elevated PSA blood test. An x-ray revealed two radiolucent lesions in the bony pelvis and MRI revealed several enlarged lymph nodes in the lower abdomen. Which of the following drugs can most likely be



used to treat the given condition?

O1:

Anastrozole

O2:

Desogestrel

O3:

Goserelin

O4:

Oxandrolone

Ans: 3

Ques No: 123, QuesID : 801758

Subject: Biochemistry

Topic: Lipid Metabolism

Sub-Topic:

Which of the following cycles is not present in muscle?

O1:

Glycogenolysis

O2:

Ketogenesis

O3:

Glycogenesis

O4:

Lipolysis

Ans: 2

Ques No: 124, QuesID : 801826

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

The usage of the given device in the picture is.



O1:

Hysterosalpingography

O2:

Measure the length of the uterus

O3:

Retraction

O4:

Menstrual regulation/aspiration

Ans: 4

Ques No: 125, QuesID : 801833

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

While performing the USG assessment of a woman at 28 weeks of gestation, you note her amniotic fluid index to be 12.8. When does this parameter reach its maximum value in a normal pregnancy?

O1:

32 weeks of gestation

O2:

33 weeks of gestation

O3:

34 weeks of gestation

O4:

35 weeks of gestation



Ans: 3

Ques No: 126, QuesID : 801818

Subject: Pharmacology

Topic: Special Topics

Sub-Topic:

Which of the following medications is safe for pregnancy-induced hypertension?

O1:

Lisinopril

O2:

Propranolol

O3:

Alpha methyldopa

O4:

Losartan

Ans: 3

Ques No: 127, QuesID : 801788

Subject: Pediatrics

Topic: Diseases of Immune System

Sub-Topic:

A 7-year-old boy has non-blanching rashes on the legs and buttocks as seen in the picture. He also complains of joint pains, abdominal pain, vomiting, and blood in the stool. Lab investigations revealed normal platelet count and urine analysis shows haematuria +++ and proteinuria +. What is the diagnosis?





O1: Systemic lupus erythematosus (SLE)
O2: Henoch Schonlein purpura (HSP)
O3: Immune thrombocytopenic purpura (ITP)
O4: Polyarteritis nodosa (PAN)
Ans: 2

<p>Ques No: 128, QuesID : 801816 Subject: Biochemistry Topic: Carbohydrate Metabolism Sub-Topic:</p> <p>The most important source of reducing equivalents for fatty acid synthesis in the liver is</p>
O1: Hexose monophosphate shunt pathway
O2: Glycolysis
O3: Tricarboxylic acid cycle
O4: Uronic acid pathway
Ans: 1

<p>Ques No: 129, QuesID : 801839 Subject: Gynaecology & Obstetrics Topic: Obstetrics Sub-Topic:</p> <p>A woman presented in her 8th week of pregnancy seeking MTP. The appropriate dosage of misoprostol (administered by mucosal route) would be –</p>
O1: 200 mcg
O2: 600 mcg
O3: 400 mcg
O4: 800 mcg
Ans: 4



Ques No: 130, QuesID : 801831

Subject: Pharmacology

Topic: Anticancer Drugs

Sub-Topic:

A 45 year old woman with lung adenocarcinoma comes for her chemotherapy treatment. She has had multiple complaints of nausea and vomiting during her previous treatment visits. Which of the following is used to prevent chemotherapy-induced emesis and vomiting?

O1:

Metoclopramide

O2:

Ropinirole

O3:

Domperidone

O4:

Palonosetron

Ans: 4

Ques No: 131, QuesID : 801820

Subject: Medicine

Topic: Liver

Sub-Topic:

A 45 year old chronic alcoholic is brought to the hospital due to fever and abdominal pain. He was diagnosed to have a cirrhotic liver 2 years back. The ascitic fluid shows a neutrophil count of 360 cell/microliter. Which of the following is the drug of choice in this patient?

O1:

Cefotaxime

O2:

Metronidazole

O3:

Amoxicillin

O4:

Vancomycin

Ans: 1

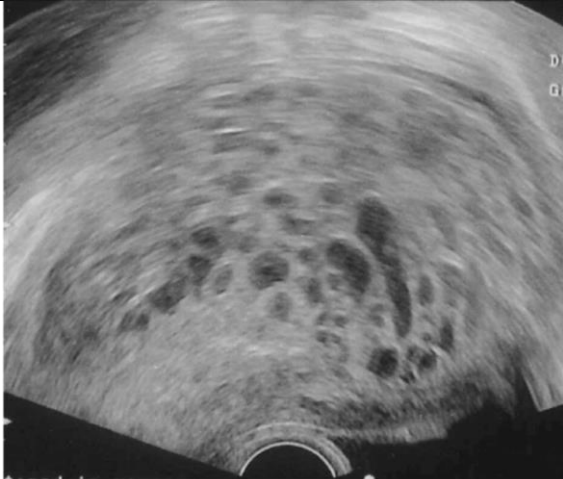
Ques No: 132, QuesID : 801838

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A 24-year-old primi with a history of 3 months of amenorrhoea undergoes USG. The USG done is suggestive of—



O1:
Ectopic pregnancy

O2:
Hydatidiform mole

O3:
Multiple renal cysts in the fetus

O4:
Oligohydramnios

Ans: 2

Ques No: 133, QuesID : 801835

Subject: Biochemistry

Topic: Lipid Metabolism

Sub-Topic:

A 5 year old girl was brought to the outpatient department by her mother saying she noted some abnormality in her genital area. On examination there was presence of pubic and axillary hair. Which of the following is the least likely diagnosis?

O1:
17-hydroxylase deficiency

O2:
21-hydroxylase deficiency

O3:
11 β -hydroxylase deficiency

O4:
None of the above

Ans: 1

Ques No: 134, QuesID : 801837

Subject: Medicine



Topic: Cardiology

Sub-Topic:

Tall and tented T waves, wide QRS, and absent P wave are features of:

O1:

Bundle branch block

O2:

Acute MI

O3:

Hyperkalemia

O4:

Ventricular ectopic

Ans: 3

Ques No: 135, QuesID : 801843

Subject: Pharmacology

Topic: Antimicrobials : Anti Bacterial Drugs

Sub-Topic:

What are the mechanisms of action of doxycycline?

O1:

Cell wall synthesis inhibitor

O2:

Protein synthesis inhibitor

O3:

DNA gyrase inhibitor

O4:

Leucyl-tRNA synthetase inhibitor

Ans: 2

Ques No: 136, QuesID : 801824

Subject: Pediatrics

Topic: Neonatology

Sub-Topic:

A newborn baby presents with irritability and cyanosis which subsides on crying. On examination, you are unable to pass a nasogastric tube and no mist formation is noted on the laryngeal mirror test. Which of the following is the best next step in management?

O1:

Endotracheal intubation

O2:

Oro pharyngeal airway

O3:



Oxygen inhalation

O4:

Epinephrine nebulization

Ans: 2

Ques No: 137, QuesID : 801845

Subject: Biochemistry

Topic: Vitamins

Sub-Topic:

The deficiency of vitamin B2 (riboflavin) can be assessed by measuring the activity of :

O1:

Transketolase

O2:

Pyruvate dehydrogenase

O3:

Glutathione reductase

O4:

Isocitrate dehydrogenase

Ans: 3

Ques No: 138, QuesID : 801847

Subject: Medicine

Topic: Neurology

Sub-Topic:

A patient comes with a blood pressure of 160/100 mmHg and left – sided facial paralysis and weakness since 8 hrs. Her CT appears normal. What would be your next step?

O1:

Observation and monitoring

O2:

Intravenous labetalol

O3:

Intravenous thrombolysis

O4:

Oral Nifedipine

Ans: 1

Ques No: 139, QuesID : 801852

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:



A patient with carcinoma endometrium is treated with pelvic external beam irradiation to the whole pelvis. Which of the following organs is most radiosensitive in the pelvic region?

O1:

Ovary

O2:

Vagina

O3:

Bladder

O4:

Rectum

Ans: 1

Ques No: 140, QuesID : 801806

Subject: Surgery

Topic: Urology

Sub-Topic:

A 34-year-old male presented with a painless mass in the right inguinal region. On examination, there is a cough impulse on the index finger, and the swelling reaches down to the scrotum and reduces completely by pressing it through the deep inguinal ring with a gurgling sound. What is the likely diagnosis?

O1:

Femoral hernia

O2:

Direct inguinal hernia

O3:

Indirect inguinal hernia

O4:

Umbilical hernia

Ans: 3

Ques No: 141, QuesID : 801849

Subject: Pharmacology

Topic: CVS Pharmacology

Sub-Topic:

A patient presents to the casualty with a chronic dry cough with no fever or other associated symptoms. He had recently been started on an antihypertensive for hypertension. Which among the following is most likely responsible to cause these symptoms?

O1:

Bradykinin and renin

O2:

Angiotensin II and bradykinin

O3:



Only bradykinin

O4:

Histamine

Ans: 3

Ques No: 142, QuesID : 801854

Subject: Biochemistry

Topic: Vitamins

Sub-Topic:

A 34 year old woman who was on a diet consisting predominantly of packaged and reheated meals presents with iron-deficiency anemia, painful and tender joints, and bleeding manifestations. Which of the following antioxidant deficiency can lead to these symptoms?

O1:

Glutathione

O2:

β -carotene

O3:

Vitamin C

O4:

Zinc

Ans: 3

Ques No: 143, QuesID : 801868

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which of the following is not an indication of expectant management in unruptured ectopic gestation?

O1:

Initial serum beta hCG level <200 mIU/mL

O2:

Gestational sac size >4 cm

O3:

Asymptomatic

O4:

Decreasing beta hCG measurement

Ans: 2

Ques No: 144, QuesID : 801872

Subject: Gynaecology & Obstetrics

Topic: Gynecology

**Sub-Topic:**

Miss. Uma presents to you with complaints of mass descending per vaginum for the past 6 months. On examination, you notice a grade 3 uterovaginal prolapse and a decubitus ulcer over the prolapse. Which of the following is a cause for this decubitus ulcer and treatment?

O1:

Malignancy and excision

O2:

Venous congestion and reduction of the prolapsed part into the vagina and daily packing with glycerine and acriflavine

O3:

Infection and antibiotics

O4:

Trauma and dressing

Ans: 2

Ques No: 145, QuesID : 801841

Subject: Pediatrics

Topic: Fluid and Electrolyte Disturbances

Sub-Topic:

A 10-month-old child undergoes treatment for diarrhea with hypokalemia but the child does not respond to the treatment appropriately and on examination muscular weakness is noted, what is the most likely cause of treatment failure?

O1:

Hypomagnesemia

O2:

Hyponatremia

O3:

Hypermagnesemia

O4:

Hypernatremia

Ans: 1

Ques No: 146, QuesID : 801876

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

Cardiac output returns back to prepregnant levels by

O1:

2 days postpartum

O2:

5 days post-partum



O3:

7 days postpartum

O4:

10 days postpartum

Ans: 4

Ques No: 147, QuesID : 801856

Subject: Medicine

Topic: Endocrinology

Sub-Topic:

A 40 year old female patient presents with cold intolerance, dry skin, constipation and on examination slow ankle jerk with a TSH level of 15 IU/L and low T3, and T4. Of the following, the next best step in the management of this patient is to:

O1:

Begin treatment with levothyroxine (LT4)

O2:

Measure thyroxine binding globulin (TBG)

O3:

Order a thyroid radionuclide uptake and scan

O4:

Order thyroid ultrasonography

Ans: 1

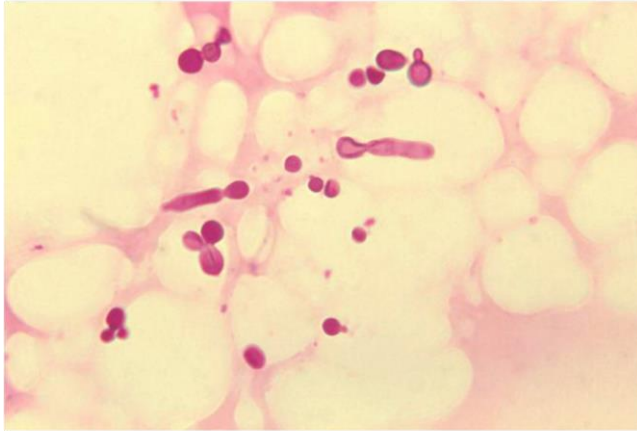
Ques No: 148, QuesID : 801862

Subject: Microbiology

Topic: Mycology

Sub-Topic:

A 24 year old woman presents with pruritic hypopigmented macules and confluent patches over the chest. Skin scraping and KOH preparation show an abundance of yeast-like cells and short branch filaments like a 'Spaghetti and meatball appearance' as shown in the image below. What is the most likely organism?



O1:
Malassezia

O2:
Trichophyton

O3:
Chlamydospores

O4:
Candida

Ans: 1

Ques No: 149, QuesID : 801882

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

What dose of folic acid is recommended for a woman who wants to become pregnant but has a history of pregnancy complicated with a neural tube defect?

O1:
400 mcg/day

O2:
1 mg/day

O3:
2 mg/day

O4:
4 mg/day

Ans: 4

Ques No: 150, QuesID : 801850

Subject: Psychiatry

Topic: Substance-Related and Addictive Disorders

**Sub-Topic:**

A patient stopped alcohol consumption for 3 days and presented with irritability, disorientation, paranoid delusions, agitation, visual hallucinations, and altered sensorium. What is the likely diagnosis in this case?

O1:

Delirium tremens

O2:

Wernicke's encephalopathy

O3:

Korsakoff psychosis

O4:

Alcohol-induced psychosis

Ans: 1

Ques No: 151, QuesID : 801828

Subject: Surgery**Topic:** Urology**Sub-Topic:**

A 50-year-old male patient presents with scrotal swelling. On examination, one can feel the testis separate from the scrotal swelling and the swelling shows transillumination.

O1:

Spermatocele

O2:

Epididymal cyst

O3:

Secondary hydrocele

O4:

Primary hydrocele

Ans: 1

Ques No: 152, QuesID : 801878

Subject: Microbiology**Topic:** Parasitology**Sub-Topic:**

A 55 year old man comes with complaints of fever and increasing fatigue for the past week. On examination, he is febrile, hypotensive and tachycardic. The findings of microscopic examination of his peripheral blood smear is given below. What is the causative agent?

O1:

Plasmodium vivax

O2:



Plasmodium falciparum
O3: Plasmodium ovale
O4: Plasmodium malariae
Ans: 2

<p>Ques No: 153, QuesID : 801864</p> <p>Subject: Medicine</p> <p>Topic: Endocrinology</p> <p>Sub-Topic:</p> <p>_____ excreted in the urine are used as a screening test for pheochromocytoma.</p>
O1: Urinary metanephrines and VMA
O2: Albumin
O3: 5-HIAA
O4: Glucose
Ans: 1

<p>Ques No: 154, QuesID : 801860</p> <p>Subject: Pharmacology</p> <p>Topic: Pharmacology in 12 Weeks</p> <p>Sub-Topic:</p> <p>A patient who is a known case of chronic obstructive pulmonary disease who is on inhaled salmeterol therapy presents to the outpatient department with complaints that there is no improvement. Which of the following drugs can be added to his regime?</p>
O1: Theophylline
O2: Azithromycin
O3: Oral glucocorticoids
O4: Ipratropium
Ans: 4

Ques No: 155, QuesID : 801866



Subject: Surgery

Topic: Urology

Sub-Topic:

A 33 year old man was referred to the surgery OPD from the infertility clinic. On inspection, the scrotum appeared as in the image. On palpation, a bag of worms sensation was felt. What is the most likely diagnosis?



O1:

Hydrocele

O2:

Varicocele

O3:

Testicular torsion

O4:

Epididymo Orchitis

Ans: 2

Ques No: 156, QuesID : 801892

Subject: Psychiatry

Topic: Neurotic, Stress-Related and Somatoform Disorders

Sub-Topic:

A 20-year-old lady presents with sudden palpitations, sweating, breathlessness, and a feeling like she is being choked. She had a history of a COVID-19 infection 1 year ago and fears she might die because she was positive for COVID-19. Physical examination, ECG, and laboratory workup were unremarkable. This is the first time she is experiencing an episode like this which lasts normally for around 20 minutes. What is the most likely diagnosis?

O1:



Post-traumatic stress disorder
O2: Bipolar disorder
O3: Depression
O4: Panic attack
Ans: 4

<p>Ques No: 157, QuesID : 801888 Subject: Microbiology Topic: Mycology Sub-Topic:</p> <p>A patient presented with a black, foul-smelling discharge from the nose. On examination, blackish necrotic mass filling the nasal cavity and eroding the septum and hard palate were seen. What is the most important risk factor for this disease?</p>
O1: Hypothyroidism
O2: Diabetes
O3: Hypertension
O4: Foreign body
Ans: 2

<p>Ques No: 158, QuesID : 801890 Subject: Surgery Topic: Gastrointestinal Surgery Sub-Topic:</p> <p>An elderly male patient presented with purulent discharge from an opening located in the perianal region. The patient is put in a lithotomy position and the opening is located at the 11 o'clock position, 4cm from the anal margin. What will be the likely position of the internal opening and where does the internal opening start?</p>
O1: 12 o'clock and at external anal sphincter
O2: 11 o'clock and at internal anal sphincter
O3: 9 o'clock and at anal verge
O4: 6 o'clock and crypt of the dentate line



Ans: 4

Ques No: 159, QuesID : 801870

Subject: Pharmacology

Topic: Respiratory Pharmacology

Sub-Topic:

A patient who is a known case of chronic obstructive pulmonary disease who is on inhaled salmeterol therapy presents to the outpatient department with complaints that there is no improvement. Which of the following drugs can be added to his regime?

O1:

Theophylline

O2:

Azithromycin

O3:

Oral glucocorticoids

O4:

Ipratropium

Ans: 4

Ques No: 160, QuesID : 801898

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

Pressure greater than ___ mm of Hg causes pressure sores.

O1:

30

O2:

40

O3:

50

O4:

60

Ans: 1

Ques No: 161, QuesID : 801894

Subject: Psychiatry

Topic: Schizophrenia Spectrum and Other Psychotic Disorders

Sub-Topic:

43-year-old presents to the emergency department accompanied by police. He came to the police station accusing his daughter of wanting to kill him. The police on investigating the family and the neighbors understood that it was a false accusation. His physical examination



is not remarkable. What is the most likely diagnosis here?

O1:

Delusional disorder

O2:

Illusions

O3:

Cotard syndrome

O4:

Hallucinations

Ans: 1

Ques No: 162, QuesID : 801896

Subject: Microbiology

Topic: Virology

Sub-Topic:

A 3 year old male child was brought to your clinic with an erythematous rash on the cheek which later spread downwards to involve his trunk and limbs. He has also had a low-grade fever, headache, and mild upper respiratory tract infection for the past few days. The suspected organism contains single-stranded DNA. What is the most likely diagnosis?



O1:



Scarlet fever
O2: Erythema infectiosum
O3: Exanthema subitum
O4: Rubeola
Ans: 2

<p>Ques No: 163, QuesID : 801874 Subject: Pharmacology Topic: Renal Pharmacology Sub-Topic:</p> <p>A patient was brought to the hospital following a road traffic accident. The patient was disoriented. CT head showed no evidence of hemorrhage, but features of cerebral edema and raised intracranial pressure was seen. Which of the following drugs can be used for the initial management of raised intracranial pressure?</p>
O1: Furosemide
O2: Mannitol
O3: Acetazolamide
O4: Glycerol
Ans: 2

<p>Ques No: 164, QuesID : 801902 Subject: Microbiology Topic: Virology Sub-Topic:</p> <p>Condyloma Accuminata is most commonly caused by.</p>
O1: HPV 31,33
O2: HPV 6,11
O3: HPV 16,18
O4: HPV 16,11
Ans: 2



Ques No: 165, QuesID : 801906

Subject: Pharmacology

Topic: Renal Pharmacology

Sub-Topic:

A 30 year old man joins a pilgrimage to a shrine at a mountain peak. At the summit, he develops tightness in the chest, associated with breathlessness and altered sensorium. Which of the following can be given for symptomatic relief?

O1:

Mannitol

O2:

Digoxin

O3:

Diltiazem

O4:

Acetazolamide

Ans: 4

Ques No: 166, QuesID : 801900

Subject: Psychiatry

Topic: Sexual Disorders

Sub-Topic:

A 30-year-old woman brought to the psychiatric OPD by her friend says her boss is in love with her and stalks her. The woman's friend refutes her claims. What is your diagnosis?

O1:

Megalomania

O2:

Delusion of reference

O3:

Delusion of control

O4:

Erotomania

Ans: 4

Ques No: 167, QuesID : 801914

Subject: Pharmacology

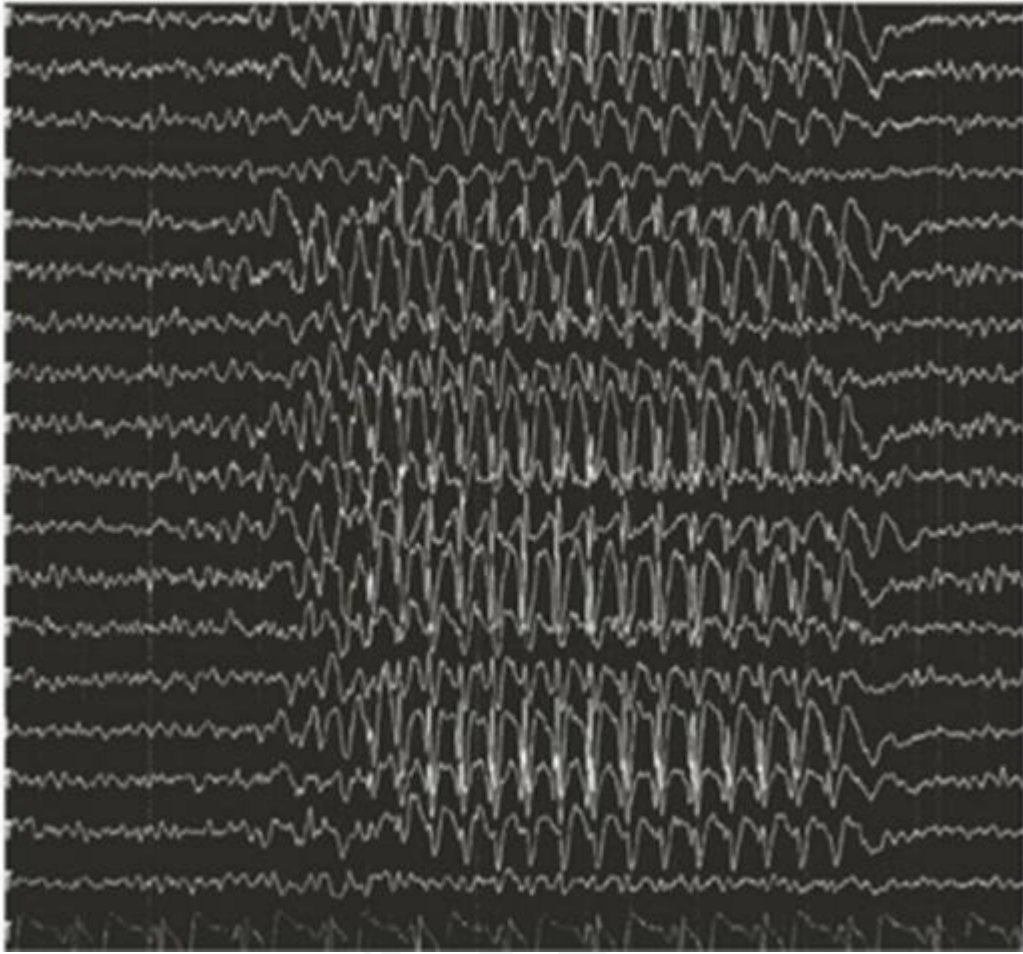
Topic: CNS Pharmacology

Sub-Topic:

The parents of a 9 year old girl have noticed their often staring blankly which is at times, associated with chewing movements. There were also complaints of daydreaming and a decline in school performance. During the episodes, she does not have a problem with maintaining the posture nor were there generalized tonic and clonic movements. The EEG of



the child is given below. Which of the following is a first-line agent to treat this condition?



O1:
Carbamazepine

O2:
Phenytoin

O3:
Sodium valproate

O4:
Clonazepam

Ans: 3

Ques No: 168, QuesID : 801916

Subject: Pharmacology

Topic: Renal Pharmacology

Sub-Topic:

Which of the following drugs can cause gynecomastia?

O1:
Tamoxifen



O2:

Oxytocin

O3:

Spironolactone

O4:

Clomiphene citrate

Ans: 3

Ques No: 169, QuesID : 801910

Subject: Radiology

Topic: Gastrointestinal Radiology

Sub-Topic:

The characteristic appearance of the esophagus on barium swallow, as shown in the image below, is seen in which of the following conditions?



O1:

Diffuse oesophageal spasm

O2:

Esophageal carcinoma

O3:

Esophageal ulcer

O4:

Achalasia cardia

Ans: 1



Ques No: 170, QuesID : 801904

Subject: Surgery

Topic: Urology

Sub-Topic:

A patient diagnosed with renal cell carcinoma is found to have a tumor that is 10 cm in size, situated at the lower pole of the kidney with negative regional lymph nodes. Which of the following is the preferred management for this patient?

O1:

Radical nephrectomy

O2:

Partial nephrectomy

O3:

Radiotherapy

O4:

Chemotherapy

Ans: 1

Ques No: 171, QuesID : 801858

Subject: Pediatrics

Topic: Pediatric Respiratory Disorders

Sub-Topic:

A 5-year-old male with known history of asthma developed sudden onset breathlessness and wheezing. He was rushed to the emergency, where the preliminary assessment was done. The pulse is 140/min, respiratory rate 28/min, and the FEV1 is 40% of the predicted value. Which of the following is the best next step in treatment in this case?

O1:

A high concentration of oxygen should be given by a face mask + Salbutamol nebulization

O2:

High doses of SABA to be given by a nebulizer only

O3:

Sedatives should be added to alleviate anxiety

O4:

Nebulized anticholinergics to be added immediately as the mainstay of treatment

Ans: 1

Ques No: 172, QuesID : 801884

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A 60 year old man with a history of COPD presents with sudden onset increased shortness of breath. His ABG analysis reveals pH – 7.24; pCO₂ – 60 mm Hg, pO₂ – 52 mmHg, HCO₃ – 27 mmol/L. What is the most appropriate treatment form the following:



O1:

Endotracheal intubation

O2:

Invasive positive pressure ventilation

O3:

Non-invasive positive pressure ventilation (NIPPV)

O4:

Lung volume reduction surgery

Ans: 3

Ques No: 173, QuesID : 801880

Subject: Pediatrics

Topic: Nutrition and Malnutrition

Sub-Topic:

A child who was fed only on rice water presents with a swollen belly and dull face. His appearance is of a fat have low serum protein and low albumin. What is the probable diagnosis?

O1:

Kwashiorkor

O2:

Marasmus

O3:

Indian childhood cirrhosis

O4:

Kawasaki disease

Ans: 1

Ques No: 174, QuesID : 801886

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Marsupialization is an ideal treatment of choice for condition X involving the female reproductive tract, the lesion responsible for condition X is located at?

O1:

Perineal body

O2:

Bartholin gland

O3:

Vagina

O4:

Cervix



Ans: 2

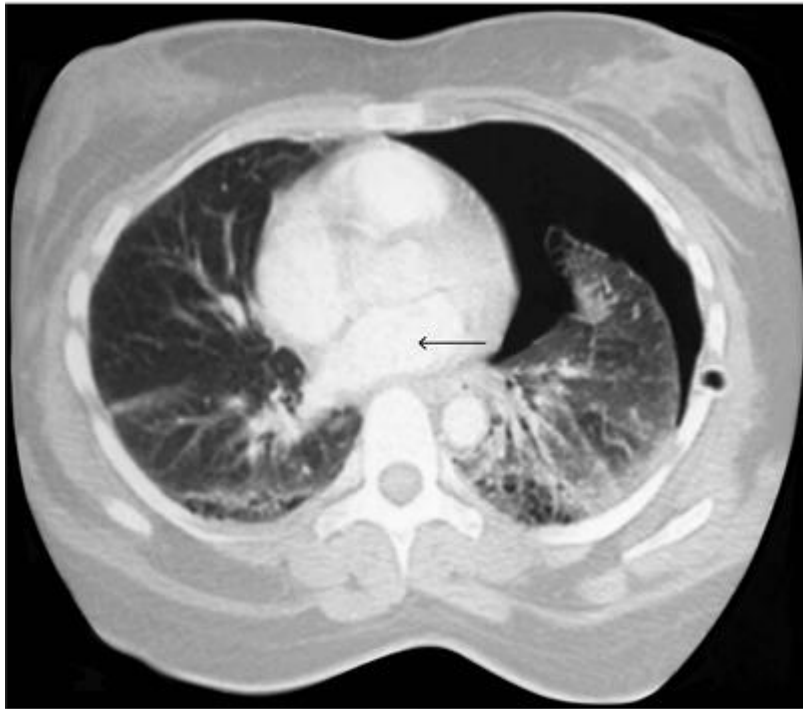
Ques No: 175, QuesID : 801918

Subject: Radiology

Topic: Thoracic Radiology

Sub-Topic:

Identify the heart chamber marked in the given CT image.



O1:

Right atrium

O2:

Right ventricle

O3:

Left ventricle

O4:

Left atrium

Ans: 4

Ques No: 176, QuesID : 801933

Subject: Microbiology

Topic: Virology

Sub-Topic:



A 12 year old boy is brought to the OPD with complaints of fever, ear pain, and difficulty in swallowing for 1 week. On examination, there is testicular swelling, and his jaw is shown below. What is the most likely diagnosis?



O1:
Croup

O2:
Mumps

O3:
Infectious mononucleosis

O4:
Herpangina

Ans: 2

Ques No: 177, QuesID : 801935

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

During your internship, you notice the following instrument being used by the senior resident. The uses of this instrument include all the following except—



O1:

To differentiate between chronic inversion and fibroid polyp

O2:

It is used to diagnose cervical stenosis

O3:

It is used in Fallopian tube recanalization

O4:

It is used to measure the uterine cavity and the cervical length

Ans: 3

Ques No: 178, QuesID : 801908

Subject: Surgery

Topic: Urology

Sub-Topic:

A patient with a left-sided scrotal mass is being evaluated; the mass is found to be hard in consistency with irregular margins with no reduction on lying down or on manipulation and no cough impulse but with fullness in para-aortic lymph nodes. What is the most probable diagnosis?

O1:

Hydrocele

O2:

Direct inguinal hernia

O3:

Indirect inguinal hernia

O4:

Metastasising testicular tumor

Ans: 4



Ques No: 179, QuesID : 801937

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A 45 year old man presents with fever, headache, photophobia, and neck rigidity for the last 2 days. He had undergone a heart transplant one year back and is on immunomodulatory drugs. A lumbar puncture was taken in view of meningitis which showed reduced glucose, increased protein, and increased leukocytes with predominant neutrophils. On microscopy, differential motility was seen, non-motile at 37 degrees and tumbling motility at 25 degrees. What is the most likely organism causing this?

O1:

Listeria

O2:

Streptococcus

O3:

Staphylococcus

O4:

Giardia lamblia

Ans: 1

Ques No: 180, QuesID : 801941

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 56-year-old multiparous woman presented with grade II/III uterine prolapse with cystocele. She complains of passing urine on coughing and sneezing. What is the type of urinary incontinence seen in this patient?

O1:

Overflow incontinence

O2:

Urge incontinence

O3:

Stress incontinence

O4:

Neurogenic bladder

Ans: 3

Ques No: 181, QuesID : 801924

Subject: Medicine

Topic: Neurology

Sub-Topic:



A 30 year old man presented with excessive fatigability towards the end of the day that improved with rest. He also gives a history of ptosis, difficult in speech and swallowing. What is the most likely diagnosis?

O1:

Myasthenia gravis

O2:

Lambert-Eaton syndrome

O3:

Duchenne muscular dystrophy

O4:

Systemic lupus erythematosus

Ans: 1

Ques No: 182, QuesID : 801920

Subject: Pharmacology

Topic: CVS Pharmacology

Sub-Topic:

What is the mechanism of action of alteplase, a tissue plasminogen activator(tPA)?

O1:

Inhibits vit K dependent factors

O2:

Inhibits factor X

O3:

Promotes fibrinolysis

O4:

Activation of thrombin

Ans: 3

Ques No: 183, QuesID : 801926

Subject: Surgery

Topic: Endocrine Surgery

Sub-Topic:

Best prognosis among the following breast cancer subtypes is for

O1:

Luminal A

O2:

Luminal B

O3:

ER negative

O4:



Basal like

Ans: 1

Ques No: 184, QuesID : 801939

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A patient presented with complaints of fever for 3 days and general fatigue. On examination, splinter hemorrhages were seen. Echocardiography revealed vegetations on the valves and thus a blood culture as done. The organism in the culture was seen as cocci in chains that showed alpha hemolysis on blood agar and was resistant to optochin and bile. Which of the following bacteria is most commonly implicated in this condition?

O1:

Streptococcus pyogenes

O2:

Streptococcus sanguis

O3:

Enterococcus

O4:

Streptococcus agalactiae

Ans: 2

Ques No: 185, QuesID : 801930

Subject: Medicine

Topic: Neurology

Sub-Topic:

A patient came to casualty complaining of a severe headache. On examination, there was no focal neurological deficit. However, neck rigidity was present. The casualty medical officer ordered an emergency CT which revealed the following finding. What is the likely diagnosis?



O1:
Subdural hemorrhage

O2:
Pituitary apoplexy

O3:
Subarachnoid hemorrhage

O4:
Pituitary carcinoma

Ans: 3

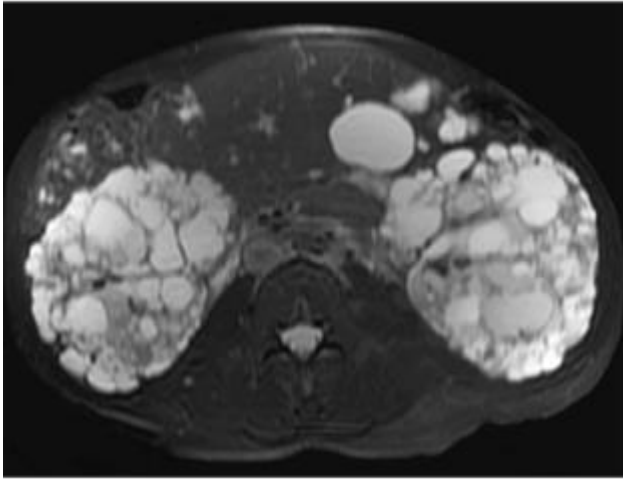
Ques No: 186, QuesID : 801922

Subject: Radiology

Topic: Genitourinary Radiology

Sub-Topic:

What is the imaging modality being used and the diagnosis in the given below of the kidneys?



O1:
MRI of polycystic kidney disease

O2:
CT of polycystic kidney disease

O3:
MRI of Horseshoe kidney

O4:
CT of Horseshoe Kidney

Ans: 1

Ques No: 187, QuesID : 801945

Subject: Pharmacology

Topic: Respiratory Pharmacology

Sub-Topic:

A pregnant lady was diagnosed with extensively drug-resistant TB. Which of the following drugs is unsafe for this lady?

O1:
Amoxicillin

O2:
Clofazimine

O3:
Kanamycin

O4:
Linezolid

Ans: 3



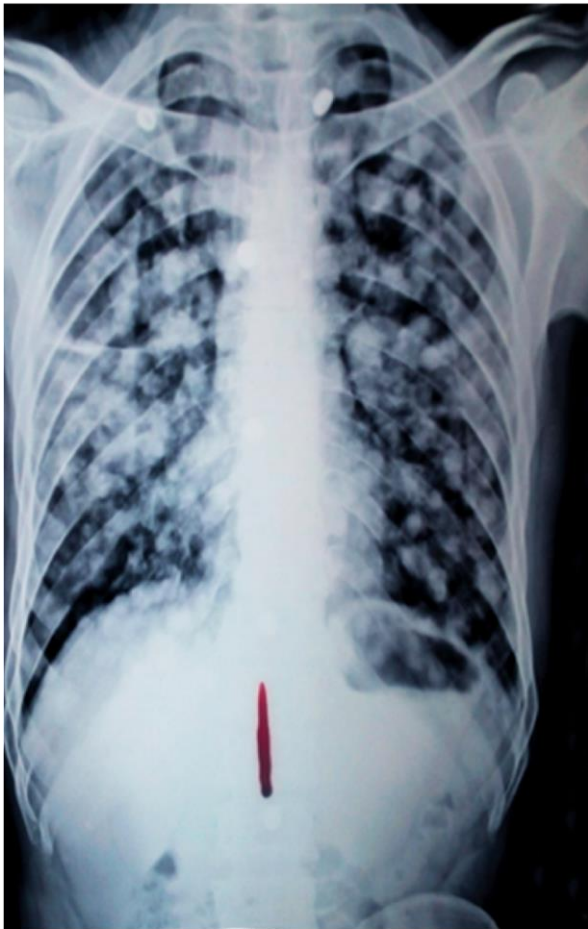
Ques No: 188, QuesID : 801953

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A 72-year-old man presented with weight loss, decreased appetite, and iron deficiency anemia. Chest x-ray was done and given below. What is the diagnosis?



O1:

Lung metastasis

O2:

Bronchogenic carcinoma

O3:

Miliary tuberculosis

O4:

Mesothelioma

Ans: 1



Ques No: 189, QuesID : 801949

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A 70-year-old woman was diagnosed with right leg cellulitis and was admitted to hospital for 3 days. She was prescribed clindamycin. Two days after her discharge, she developed diarrhea and abdominal pain. Her temperature was 38.8 degrees. Her blood reports revealed a Hb level of 12g/dl; WBC count of 18,000/mm³; CRP of 160 mg/l. What is the most probable etiological agent?

O1:

Clostridium coli

O2:

Escherichia coli

O3:

Norovirus

O4:

Rotavirus

Ans: 1

Ques No: 190, QuesID : 801959

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A 55 year old construction factory worker presents with dyspnoea he has been working in this industry for the past 25 years. Which is the most specific malignancy that we can expect in this patient?

O1:

Adenocarcinoma of lung

O2:

Malignant mesothelioma

O3:

Small cell carcinoma of lung

O4:

Squamous cell carcinoma of lung

Ans: 2

Ques No: 191, QuesID : 801957

Subject: Pharmacology

Topic: Drugs Affecting Blood and Blood formation

Sub-Topic:

In patients with indications for warfarin usage, what is the recommended range of INR in a



patient with mechanical heart valves?

O1:

1.0-1.5

O2:

2.0-3.0

O3:

2.5-3.5

O4:

3.5-4.5

Ans: 3

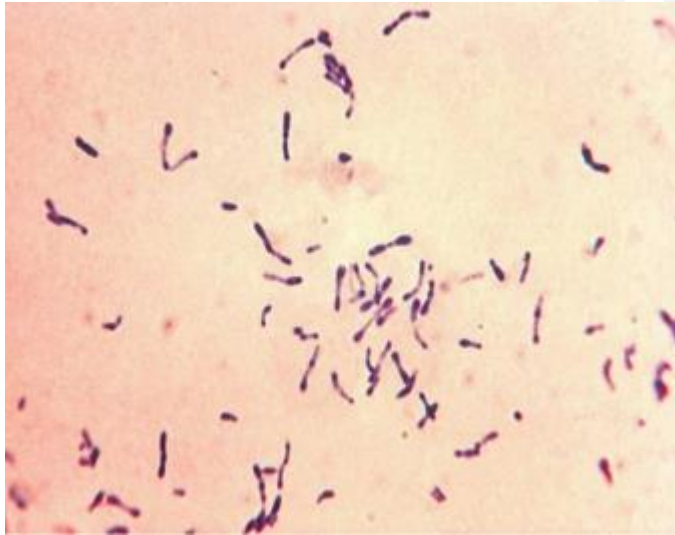
Ques No: 192, QuesID : 801961

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A patient has complaints of fever with a mild headache associated with some difficulty in swallowing. A throat examination reveals swollen glands and a thick, whitish membrane over his tonsils which bleeds on scraping the lesion. A sample is taken from the exudate and a gram stain is done, which is as shown below. What is the organism associated with the disease?



O1:

Parvovirus

O2:

HHV6

O3:

Corynebacterium diphtheria

O4:

Beta hemolytic streptococci



Ans: 3

Ques No: 193, QuesID : 801943

Subject: PSM

Topic: Communicable and Non-communicable Diseases

Sub-Topic:

A patient from a North-Eastern state was diagnosed to have an infection with *P. Falciparum* malaria. What is the most appropriate treatment for this patient?

O1:

Artemether plus lumefantrine

O2:

Sulfadoxine plus pyrimethamine

O3:

Chloroquine

O4:

Mefloquine

Ans: 1

Ques No: 194, QuesID : 801947

Subject: Radiology

Topic: Thoracic Radiology

Sub-Topic:

In which condition is popcorn calcification seen?

O1:

Hodgkin's lymphoma

O2:

Pulmonary hamartoma

O3:

Metastasis

O4:

Fungal ball

Ans: 2

Ques No: 195, QuesID : 801932


Subject: Pediatrics

Topic: Pediatric Gastroenterology

Sub-Topic:

A 3-day-old male neonate who has not yet passed meconium developed abdominal distension. There is no history of fever. On rectal examination, forceful expulsion of stool was observed. A barium enema is performed, and the findings are shown in the image below. Which of the following is the gold standard for the diagnosis of the above condition?



	
O1:	Ultrasonography
O2:	MRI abdomen
O3:	Rectal biopsy
O4:	Anorectal manometry
Ans: 3	

Ques No: 196, QuesID : 801951

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A 22 year old primigravida at 10 weeks gestation comes to the ER with nausea, vomiting, and abdominal pain. Nausea and vomiting began one day back and now the patient is unable to tolerate fluids. She complains of pain in the right upper quadrant which started a few hours back. On examination, her temperature is 100.2 F, the pulse is 119 bpm and her BP is 110/70 mm of Hg. She has swelling of her lower limbs up to the ankles bilaterally. Abdominal examination shows a gravid uterus corresponding to 10 weeks of gestation and tenderness in the right upper quadrant, with mild guarding and is diagnosed as acute appendicitis. What is the next step of management?

Complete blood count

- Haemoglobin: 11g/dl
- Leukocytes: 13,000 cells/ μ l
- Platelets: 150,000 cells/ μ l

Liver function tests

- Aspartate transaminase (AST): 40U/L



- Alanine transaminase (ALT): 48U/L

Urinalysis

- Protein: negative
- Pus cells: 1-2/HPF
- Bacteria: none

USG abdomen:

Reveals a 7mm diameter, aperistaltic, non-compressible, dilated, blind-ending structure arising from the base of the caecum.

O1:

Do appendectomy

O2:

Wait till 2nd trimester

O3:

Conservative management

O4:

Reassurance

Ans: 1

Ques No: 197, QuesID : 801969

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A patient was diagnosed with TB and while testing for resistance he was found to be resistant to Isoniazid, Rifampicin, Amikacin, and Ofloxacin. What is this type of TB called?

O1:

Poly-drug resistant TB

O2:

Multi drug sensitive TB

O3:

Extensively drug resistant TB

O4:

Rifampicin resistant TB

Ans: 3

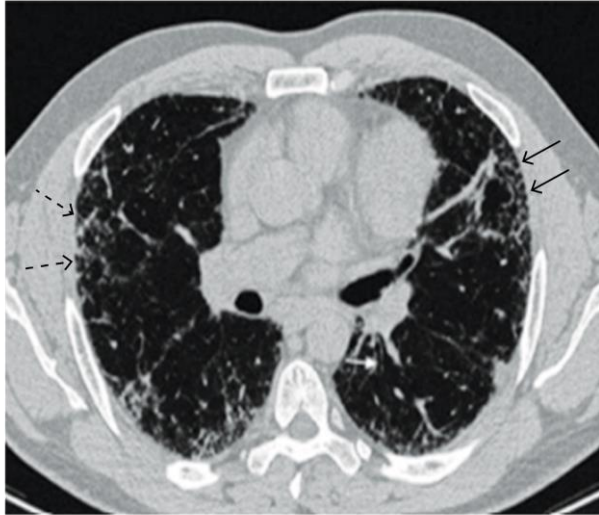
Ques No: 198, QuesID : 801967

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A 60 year old male patient comes to your clinic with an 8-month history of shortness of breath and non-productive cough. He has smoked half a pack of cigarettes for the past 30 years. On physical examination, clubbing is seen and fine crackles are heard on both sides during inspiration. You perform pulmonary function tests and it shows an FVC of 78% and FEV1/FVC ratio of 92%. You request a CT scan of the chest. What is the most probable diagnosis?



O1:
Bronchial asthma

O2:
Pulmonary fibrosis

O3:
Pulmonary tuberculosis

O4:
Chronic obstructive pulmonary disease

Ans: 2

Ques No: 199, QuesID : 801965

Subject: Pharmacology

Topic: Anticancer Drugs

Sub-Topic:

A 53 year old female was diagnosed with breast cancer. She was managed appropriately and was advised to start chemotherapy. Further investigations were done that revealed she had heart failure as well. Which of the following drugs would you avoid in this patient?

O1:
Methotrexate

O2:
Epirubicin

O3:
Cyclophosphamide

O4:
Cisplatin

Ans: 2

Ques No: 200, QuesID : 801983



Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which filter is used in a colposcope?

O1:

Black

O2:

Red

O3:

Green

O4:

Yellow

Ans: 3

Ques No: 201, QuesID : 801955

Subject: PSM

Topic: Concept of Health and Disease

Sub-Topic:

The best method of teaching an urban slum about ORS is –

O1:

Lecture

O2:

Roleplay

O3:

Flashcards

O4:

Demonstration

Ans: 4

Ques No: 202, QuesID : 801977

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

Which of the following stains is used for the diagnosis of mycobacterium tuberculosis infection?

O1:

Gomori Methenamine silver

O2:

Perl's Prussian blue

O3:

Ziehl-Neelsen stain



O4:

Masson-Fontana stain

Ans: 3

Ques No: 203, QuesID : 801975

Subject: Pharmacology

Topic: GIT Pharmacology

Sub-Topic:

Which of the following is the most common side effect of orlistat?

O1:

Acute kidney injury

O2:

Osteoporosis

O3:

Steatorrhea

O4:

Colorectal cancer

Ans: 3

Ques No: 204, QuesID : 801973

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

What is the most commonly seen pattern in chest CT of patients affected with COVID-19?

O1:

Interlobular septal thickening

O2:

Air bronchograms

O3:

Ground glass opacity

O4:

Crazy paving pattern

Ans: 3

Ques No: 205, QuesID : 801989

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which serotype of HPV is responsible for Ca Cervix?



O1: 16,19,31,32
O2: 16,18,31,32
O3: 16,19,31,33
O4: 16,18,31,33
Ans: 4

<p>Ques No: 206, QuesID : 801987 Subject: Microbiology Topic: General Microbiology Sub-Topic:</p> <p>E.coli can be grown best in which of the following media?</p>
O1: Chocolate agar
O2: Thyer-Martin
O3: SDA agar
O4: Mac-Conkey agar
Ans: 4

<p>Ques No: 207, QuesID : 801971 Subject: Pediatrics Topic: Pediatric Neurology Sub-Topic:</p> <p>In a child presenting with febrile seizures, which is the first-line drug used to control the seizures?</p>
O1: Sodium valproate
O2: Phenytoin
O3: Midazolam
O4: Phenobarbitone
Ans: 3



Ques No: 208, QuesID : 801991

Subject: Pharmacology

Topic: CNS Pharmacology

Sub-Topic:

A patient with symptoms of psychosis is prescribed aripiprazole. Which of the following best describes this drug, when compared to other antipsychotic drugs?

O1:

No intrinsic activity, high affinity for D2 receptor, less extrapyramidal symptoms and more weight gain

O2:

High intrinsic activity, no affinity for D2 receptor, more extrapyramidal symptoms and less weight gain

O3:

Low intrinsic activity, high affinity for D2 receptor, less extrapyramidal symptoms and less weight gain

O4:

High intrinsic activity, high affinity for D2 receptor, less extrapyramidal symptoms and less weight gain

Ans: 3

Ques No: 209, QuesID : 801985

Subject: Medicine

Topic: Hematology

Sub-Topic:

Following gastrectomy, the patient is most likely to have which of the following?

O1:

Folic acid deficiency

O2:

Vitamin B12 deficiency

O3:

Gastric ulcer

O4:

Constipation

Ans: 2

Ques No: 210, QuesID : 801995

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A truck driver came with complaints of a painless indurated genital ulcer after unsafe intercourse. Which of the following can be used to diagnose the condition in a low-resource



setting when an active ulcer is present?

O1:

Dark field microscopy

O2:

Fluorescent treponema antibody absorption

O3:

Venereal disease research laboratory test

O4:

Treponema pallidum immobilization test

Ans: 1

Ques No: 211, QuesID : 801999

Subject: Medicine

Topic: Hematology

Sub-Topic:

A 68 year old male came to the physician with complaints of chronic back pain and easy fatigability and past history of multiple urinary tract infections in the last 3 months. His ESR is elevated and an x-ray of his skull is shown below. Which of the following investigations is useful for diagnosis?



O1:

MRI brain

O2:

PET scan

O3:

Head CT scan with contrast

O4:



Serum electrophoresis

Ans: 4

Ques No: 212, QuesID : 801997

Subject: Pharmacology

Topic: Autacoids

Sub-Topic:

A 40 year old male presents with diffuse abdominal pain. He has a known history of chronic NSAID's usage. Physical examination reveals rigidity. X-ray abdomen is as shown below. What is the diagnosis?



O1:

Intestinal obstruction

O2:

Pericarditis

O3:

Peptic ulcer perforation

O4:

Gallstones

Ans: 3

Ques No: 213, QuesID : 801981

Subject: Pediatrics

Topic: Pediatric Endocrinology

Sub-Topic:

A 31-year-old lady with diabetes mellitus delivers a term neonate. Which of the following



problems may be associated with the baby born to this lady?

O1:
Hyperglycemia

O2:
Tetralogy of Fallot

O3:
Hypercalcemia

O4:
Hypoglycemia

Ans: 4

Ques No: 214, QuesID : 802001

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A woman with a history of infertility is on treatment with HMG. She presented the following findings in the USG. What is the most likely diagnosis?



O1:
Ovarian hyperstimulation syndrome

O2:
Theca lutein cyst

O3:
PCOD

O4:
None



Ans: 1

Ques No: 215, QuesID : 802003

Subject: Microbiology

Topic: Immunology

Sub-Topic:

One of the effector mechanisms in cell-mediated immunity involves identifying and lysing target cells whose membrane surface antigens are bound by specific antibodies. NK cells are one of the effector cells capable of this process. What other cells are capable of this process?

O1:

Natural killer (NK) cells only

O2:

Macrophages only

O3:

Neutrophils and eosinophils

O4:

Neutrophils only

Ans: 3

Ques No: 216, QuesID : 802007

Subject: Medicine

Topic: Emergency Medicine

Sub-Topic:

A man was working in a field and he suddenly collapsed on a hot summer afternoon. On examination there were no physical signs of dehydration but radial pulse was present. His serum electrolytes level was normal. The doctor found that the body temperature was 106 degrees Fahrenheit. Which of the following should be given as first aid in this case?

O1:

Inject epinephrine immediately

O2:

Cover with hot damp sheets

O3:

Cover with cool damp sheets

O4:

Start CPR

Ans: 3

Ques No: 217, QuesID : 802005

Subject: Pediatrics

Topic: Nutrition and Malnutrition

Sub-Topic:



Which of the following statements is incorrect about colostrum?

O1:

It is the breastmilk that is seen in the initial 3-4 days

O2:

It is yellow in color

O3:

Contains large number of antibodies

O4:

Contains high amount of lactose and low amounts of protein

Ans: 4

Ques No: 218, QuesID : 802009

Subject: Physiology

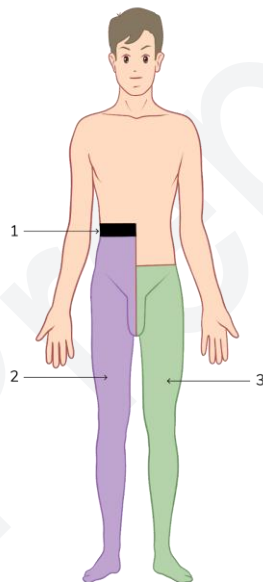
Topic: The Nervous System

Sub-Topic:

A patient presents with symptoms as shown in the image below:

1. shows the site of the lesion
2. has loss of proprioception, vibration, and discriminative touch on the same side, and
3. has loss of pain and temperature beginning one or two segments below the side of the lesion on the contralateral side.

What is the most likely diagnosis?



O1:

Weber's syndrome

O2:

Dejerine syndrome

O3:



Brown Sequard syndrome

O4:

Wallenberg syndrome

Ans: 3

Ques No: 219, QuesID : 802011

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A 21 year old girl who presented with multiple beefy-red painless ulcers over the vulval region is diagnosed with granuloma inguinale. What is the causative organism?

O1:

Chlamydia trachomatis

O2:

Klebsiella granulomatis

O3:

Haemophilus ducreyi

O4:

Herpes simplex virus

Ans: 2

Ques No: 220, QuesID : 802013

Subject: Medicine

Topic: Hematology

Sub-Topic:

A 50 year old man presents to you with features of anemia, fever, and recurrent nosebleeds. On examination there is hepatosplenomegaly, Lab investigations revealed: Hb = 6g/dL, TLC count = 40,000/cu.mm with 10% blasts and platelet count = 12,000/cu.mm. On further investigation, t(8;21) was detected in the blasts. What is the diagnosis?

O1:

Acute lymphoblastic leukemia

O2:

Acute myeloblastic leukemia

O3:

Preleukemia

O4:

Aleukemic leukemia

Ans: 2

Ques No: 221, QuesID : 802017

Subject: Gynaecology & Obstetrics



Topic: Gynecology

Sub-Topic:

Serial monitoring of serum beta hCG is required for which of the following conditions?

O1:

Downs syndrome

O2:

Pregnancy-associated with Neural tube defects

O3:

Molar pregnancy

O4:

Rh negative pregnancy

Ans: 3

Ques No: 222, QuesID : 802021

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A farmer with a history of flea bite in a godown presents with the features of high fever, painful inguinal lymphadenopathy, vomiting and diarrhea and hypotension. Smears prepared from the discharge of these swellings revealed bacteria with bipolar staining. Which stain will help in the diagnosis?

O1:

Neisser stain

O2:

Wayson's stain

O3:

Albert's stain

O4:

Mc fadyeans stain

Ans: 2

Ques No: 223, QuesID : 802023

Subject: Medicine

Topic: Liver

Sub-Topic:

A 20 year old male presented with a 11 week history of yellow skin and sclerae but is otherwise asymptomatic. He gives a history of viral infection of 10 days back. There is a history of a similar episode of icterus 2 years back for a period of 2 weeks. On further questioning, he adds that he used to have long basketball practice hours 2 years back and he used to be physically drained during that period. The current serum bilirubin is 2.4 mg/dL, unconjugated bilirubin 2.1 mg/dl, conjugated bilirubin is 0.3mg/dl. Serum AST and ALT levels are normal. Which of the following is the most likely diagnosis?



O1: Dubin-Johnson syndrome
O2: Crigler-Najjar type 1 syndrome
O3: Gilbert syndrome
O4: Rotor syndrome
Ans: 3

<p>Ques No: 224, QuesID : 802015</p> <p>Subject: Pediatrics</p> <p>Topic: Musculoskeletal Disorders in Children</p> <p>Sub-Topic:</p> <p>Dystrophin protein is absent completely in which of the following diseases?</p>
O1: Becker's Muscular Dystrophy
O2: Duchenne muscular dystrophy
O3: Myasthenia gravis
O4: Lambert Eaton myasthenic syndrome
Ans: 2

<p>Ques No: 225, QuesID : 802027</p> <p>Subject: Microbiology</p> <p>Topic: Virology</p> <p>Sub-Topic:</p> <p>A 13 year old girl has had 4 episodes of meningitis over the last 4 years, with the disease lasting a few days at a time, leaving slowly resolving neurological symptoms such as visual and memory loss. A CSF cytology shows lymphocytic pleocytosis and a diagnosis of Mollaret's meningitis is made. Which organism is implicated here?</p>
O1: Measles virus
O2: Mumps virus
O3: Herpes simplex virus
O4:



Rubella virus

Ans: 3

Ques No: 226, QuesID : 802019

Subject: Physiology

Topic: Gastrointestinal System

Sub-Topic:

Following complete ileal and partial jejunal resection, the patient is most likely to have—

O1:

Folic acid deficiency

O2:

Vitamin B12 deficiency

O3:

Gastric ulcer

O4:

Constipation

Ans: 2

Ques No: 227, QuesID : 802029

Subject: Medicine

Topic: Hematology

Sub-Topic:

A 7 month old child presents with Hb 6.3 with a history of repeated blood transfusions. Investigations show MCV-70fl, MCH-normal, MCHC-normal, and peripheral smear showed a hypochromic microcytic picture. Which of the following investigations should be done next in this child?

O1:

Serum iron

O2:

Direct coomb's test

O3:

Osmotic fragility test

O4:

Hb electrophoresis

Ans: 4

Ques No: 228, QuesID : 802037

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:



A mother complains of cramps in her breasts while breastfeeding her child. Which hormone is responsible for this?

O1:
Progesterone

O2:
Estrogen

O3:
Prolactin

O4:
Oxytocin

Ans: 4

Ques No: 229, QuesID : 802035

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A patient was admitted to the ICU 48 hours after the fracture of the femur. The saturation of oxygen in the rebreathing unit was 100% but his SpO₂ remained at 60%. The patient is in a state of confusion. Chest radiograph showed lung fields to be clear. What is the most likely diagnosis?

O1:
Pulmonary embolism

O2:
Fat embolism

O3:
ARDS

O4:
Occult pneumothorax

Ans: 2

Ques No: 230, QuesID : 802041

Subject: Physiology

Topic: Respiratory System

Sub-Topic:

Which of the following conditions will shift the oxygen-Hb dissociation curve to the left?

O1:
Hypoxia

O2:
Hypercarbia

O3:
Alkalosis



O4:

Increase in 2,3-DPG

Ans: 3

Ques No: 231, QuesID : 802025

Subject: Pediatrics

Topic: Pediatric Cardiology

Sub-Topic:

A 6-year-old child was brought to her pediatrician for routine well-child care. Her physical examination is normal except for a systolic murmur and a widely split-second heart sound that does not vary with respiration. She has no family history of heart disease. Which among the following is the most likely diagnosis?

O1:

Total anomalous pulmonary venous connection

O2:

Ventricular septal defect

O3:

Atrial septal defect

O4:

Pulmonic stenosis

Ans: 3

Ques No: 232, QuesID : 801979

Subject: PSM

Topic: Concept of Health and Disease

Sub-Topic:

The number of maternal deaths per 100,000 live births is called—

O1:

Maternal mortality rate

O2:

Maternal mortality ratio

O3:

Infant mortality rate

O4:

Perinatal mortality rate

Ans: 2

Ques No: 233, QuesID : 802045

Subject: Physiology

Topic: General Physiology

Sub-Topic:



Which of the following cell organelles is associated with killing bacteria and viruses?

O1:

Peroxisomes

O2:

Lysosomes

O3:

Golgi complex

O4:

Ribosomes

Ans: 2

Ques No: 234, QuesID : 802043

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A resident is evaluating a patient, who presented with acute onset of chest pain and dyspnea, for pulmonary embolism. Which of the following imaging tests should be performed to confirm this diagnosis?

O1:

Doppler echocardiography

O2:

CT pulmonary angiography

O3:

Ventilation perfusion scan of lungs

O4:

MR pulmonary angiography

Ans: 2

Ques No: 235, QuesID : 801928

Subject: Pediatrics

Topic: Growth

Sub-Topic:

A child is brought to the pediatrician with short stature. On evaluation, growth hormone levels are found to be high and insulin-like growth factor (IGF-1) levels are low. Which among the following could be the abnormality here?

O1:

GH deficiency

O2:

GHRH deficiency

O3:

GH receptor anomaly



O4:

IGF-1 deficiency

Ans: 3

Ques No: 236, QuesID : 801993

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

An 8-month-old baby on examination shows signs of vitamin A deficiency. What is the dose of vitamin A to be administered to the baby?

O1:

25,000 IU IM

O2:

25,000 IU orally

O3:

100,000 IU orally

O4:

100,000 IU IM

Ans: 3

Ques No: 237, QuesID : 802033

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

A young male who had a road traffic accident is brought to the emergency department. His left leg is shortened, internally rotated, and adducted. On examination, femoral artery pulsation is not felt. A plain radiograph of his was taken which is shown below. What is your diagnosis?



- O1:**
Intertrochanteric fracture of the femur
- O2:**
Fracture neck of femur with injury to femoral vessels
- O3:**
Anterior dislocation of hip with femoral artery injury
- O4:**
Posterior dislocation of hip
- Ans: 4**

Ques No: 238, QuesID : 802031
Subject: Gynaecology & Obstetrics
Topic: Gynecology
Sub-Topic:

A 27 year old woman presented with a malodorous discharge in the vagina which started a week earlier. On examination, Whiff's test positive and the gram stain shows the presence of clue cells. This infection is commonly treated with which of the following?

- O1:**
Metronidazole
- O2:**
Nystatin pessary
- O3:**
Tetracycline
- O4:**
Azithromycin
- Ans: 1**



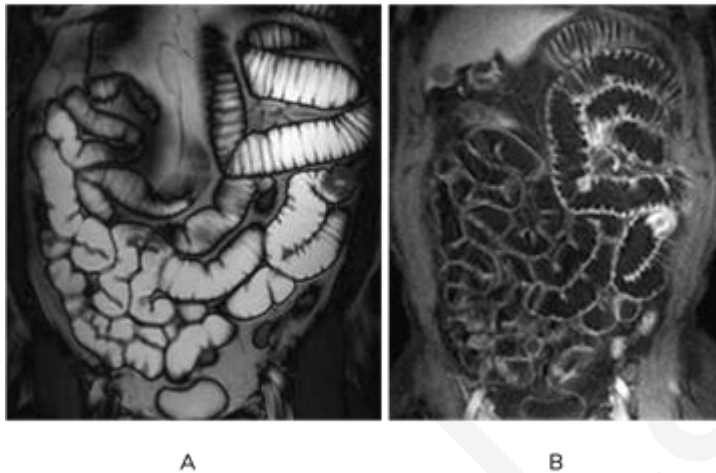
Ques No: 239, QuesID : 801963

Subject: Radiology

Topic: Gastrointestinal Radiology

Sub-Topic:

Identify the investigation shown below which is the investigation of choice in distal bowel tumors.



O1:
Enteroclysis

O2:
Barium meal

O3:
Barium meal follow-through

O4:
Barium enema

Ans: 1

Ques No: 240, QuesID : 802047

Subject: Medicine

Topic: Rheumatology / Connective Tissue Disorder

Sub-Topic:

A patient presents with severe pain and swelling in his knee joint for 10 days. He also complains of pain and discomfort during urination. He says that he had diarrhoea one month ago and he has been unwell since then. What is the most likely diagnosis?



O1: Reactive arthritis
O2: Enteropathic arthritis
O3: Rheumatoid arthritis
O4: Psoriatic arthritis
Ans: 1

<p>Ques No: 241, QuesID : 802051</p> <p>Subject: PSM</p> <p>Topic: Preventive Medicine in Obstetrics, Pediatrics and Geriatrics</p> <p>Sub-Topic:</p> <p>The pregnancy test kit launched by the government is called:</p>
O1: NISHCHAY
O2: NIKSHAY
O3: NIKUSTH
O4: AXSHYA
Ans: 1

<p>Ques No: 242, QuesID : 802053</p> <p>Subject: PSM</p> <p>Topic: Concept of Health and Disease</p> <p>Sub-Topic:</p> <p>Which of the following indicators is the best to know the overall burden of disease?</p>
O1: Quality-adjusted life years (QALY)
O2: Health adjusted life expectancy (HALE)
O3: Disability adjusted life years (DALY)
O4: Disability-free life expectancy (DFLE)
Ans: 3



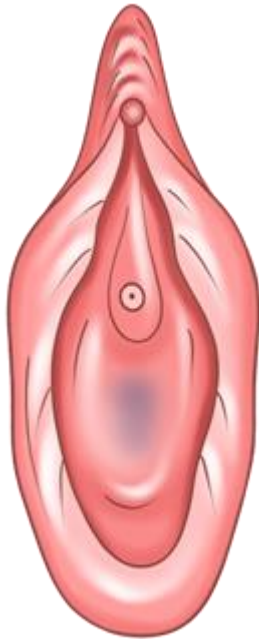
Ques No: 243, QuesID : 802063

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 14-year-old girl presented with cyclical abdominal pain and a midline hypogastric lump. She has not achieved menarche yet. The per vaginal examination is shown below and a bluish swelling is seen along with it. What is the likely cause of her condition?



O1:

Bartholin cyst

O2:

Transverse vaginal septum

O3:

Imperforate hymen

O4:

Endometrioma

Ans: 3

Ques No: 244, QuesID : 802057

Subject: Medicine

Topic: Neurology

Sub-Topic:

A 20 year old male was brought for psychiatric evaluation for intellectual disability. On examination, his IQ was 45. He has a long face, large ears, large testis and a cardiac murmur and A history of poor intellectual function is present in the paternal family. What is his diagnosis?



O1:
Cushing's syndrome

O2:
Rett syndrome

O3:
Fragile X syndrome

O4:
William syndrome

Ans: 3

Ques No: 245, QuesID : 802049

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

Identify the diagnosis.



O1:
Syndactyly

O2:
Symphalangism

O3:
Polydactyly

O4:



Brachydactyly

Ans: 1

Ques No: 246, QuesID : 802061

Subject: PSM

Topic: Environment and Health

Sub-Topic:

To avoid overcrowding, what is the maximum number of people allowed to live in a house with 2 rooms?

O1:

2 people

O2:

3 people

O3:

4 people

O4:

5 people

Ans: 3

Ques No: 247, QuesID : 802065

Subject: Medicine

Topic: Neurology

Sub-Topic:

Treatment of Grade I Meningioma?

O1:

Reassurance

O2:

Surgical excision

O3:

Chemotherapy

O4:

Radiotherapy

Ans: 2

Ques No: 248, QuesID : 802073

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which of the following statements is incorrect regarding vasectomy?



O1:

The procedure is done under local anaesthesia

O2:

Sterility is achieved 3 weeks after the procedure

O3:

A no-scalpel technique is being widely used now

O4:

The vas deferens is the structure that is divided in the procedure

Ans: 2

Ques No: 249, QuesID : 802067

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

A 9-year-old boy is brought to the hospital with complaints of pain and limping. The symptoms started 6 months back and gradually worsened. The child appears to be healthy with normal height and weight. On examination, there is mild wasting on the right side, abduction (especially in flexion), and internal rotation is limited due to pain. Which of the following is the most likely diagnosis?



O1:

DDH (developmental dysplasia of hip)

O2:

Slipped capital femoral epiphysis

O3:

Perthes disease

O4:

Congenital coxa vara



Ans: 3

Ques No: 250, QuesID : 802071

Subject: PSM

Topic: Epidemiology

Sub-Topic:

A study to determine the association between maternal smoking histories from pregnant women during their antenatal visits and then subsequently assessing the birth weight of their babies soon after delivery. What type of study is this?

O1:

Prospective cohort

O2:

Retrospective cohort

O3:

Case control

O4:

Cross sectional

Ans: 1

Ques No: 251, QuesID : 802059

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

Highest sodium content is present in which of the following foods:

O1:

Sugar cane

O2:

Barley

O3:

Canned soup

O4:

Fresh fruit juices

Ans: 3

Ques No: 252, QuesID : 802077

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

A 74-year-old man presented with low back pain that was radiating to his legs. On examination of the spine, a palpable step was felt in the lumbosacral region. The x-ray of the spine is given below. What is the likely diagnosis?



O1:
Spondylolysis

O2:
Spondylolisthesis

O3:
Disk prolapse

O4:
Spondylosis

Ans: 2

Ques No: 253, QuesID : 802079

Subject: PSM

Topic: Allied Health Disciplines

Sub-Topic:

In controlled tipping, the amount of land required for the trench method to be practiced for a population of 10,000 is:

O1:
4 acres



O2:

5 acres

O3:

2 acres

O4:

1 acre

Ans: 4

Ques No: 254, QuesID : 802069

Subject: PSM

Topic: Health Care of The Community in India

Sub-Topic:

The minimum requirements of a health worker job are given: should be a woman, a resident of the village, 25 to 45 years old, and have a formal education till 10th standard. What is the health worker called?

O1:

Anganwadi worker

O2:

Nurse

O3:

Midwife

O4:

ASHA worker

Ans: 4

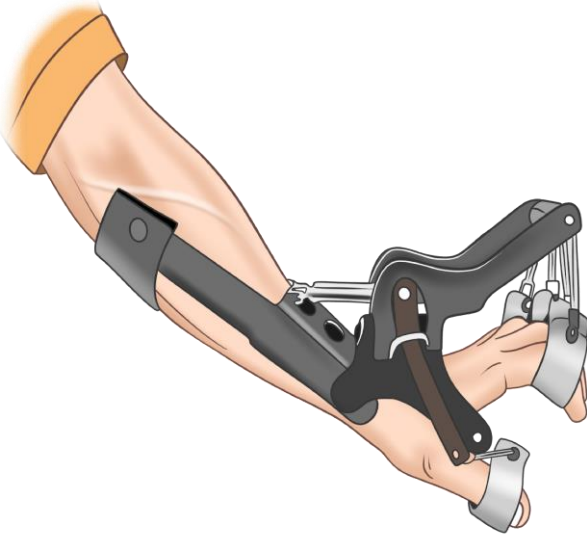
Ques No: 255, QuesID : 802081

Subject: Orthopaedics

Topic: General + Upper Limb Traumatology

Sub-Topic:

What is the type of splint shown in the image called as?



O1:

Wrist splint

O2:

Cock-up splint

O3:

Knuckle bender splint

O4:

Dynamic finger splint

Ans: 2

Ques No: 256, QuesID : 802085

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

A diabetic patient comes to you for advice regarding his diet. You advise him to include foods with a low glycemic index in the diet. Which of the following would you advise him for the same?

O1:

Corn flakes

O2:

Brown rice

O3:

Sucrose

O4:

Papaya

Ans: 4



Ques No: 257, QuesID : 802083

Subject: PSM

Topic: Biostatistics

Sub-Topic:

During your rural posting, you are asked to educate a small, uneducated village about the importance of routine antenatal care for pregnant mothers. You want to deliver some statistical data to emphasize its importance. Which of the following is the best way to do so?

O1:

Pictogram

O2:

Line diagram

O3:

Histogram

O4:

Frequency polygon

Ans: 1

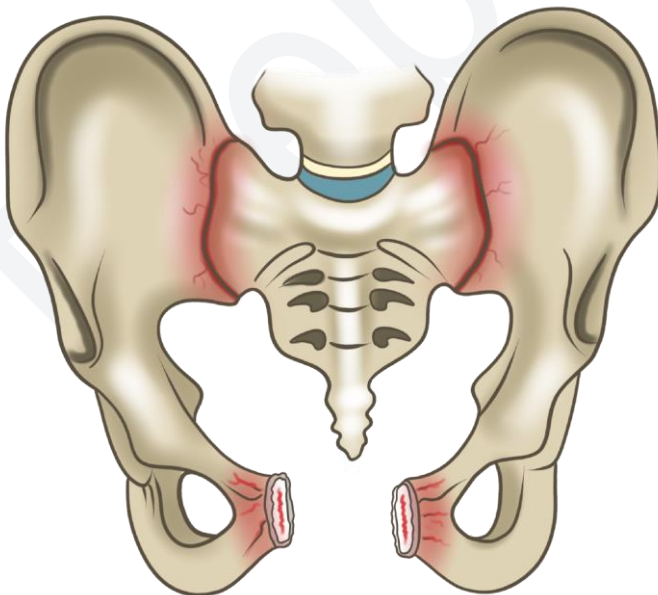
Ques No: 258, QuesID : 802089

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

A patient sustained a fracture as depicted in the image, following a fall from height. What is this fracture known as?





O1:

Open book fracture

O2:

Chauffeur fracture

O3:

Malgaigne fracture

O4:

Bucket handle fracture

Ans: 1

Ques No: 259, QuesID : 802087

Subject: PSM

Topic: Communicable and Non-communicable Diseases

Sub-Topic:

Re-infection with which of the following will lead to catastrophic symptoms even in the presence of antibodies?

O1:

Dengue

O2:

Yellow fever

O3:

Japanese encephalitis

O4:

Zika

Ans: 1

Ques No: 260, QuesID : 802091

Subject: PSM

Topic: Communicable and Non-communicable Diseases

Sub-Topic:

A 20 year old female with a history of recent sexual intercourse presents to the Suraksha clinic of the local primary health center with complaints of vaginal discharge and lower abdominal pain. Based on the syndromic management of sexually transmitted infections, which of the following kits will you prescribe to treat this patient?

O1:

Blue

O2:

Red

O3:

Black

O4:

Yellow



Ans: 4

Ques No: 261, QuesID : 802099

Subject: PSM

Topic: Health Education and Communication

Sub-Topic:

When information is used to spread a particular systemized doctrine or a political viewpoint to instill it in the minds of the people, what is it called?

O1:

Health doctrine

O2:

Health propaganda

O3:

Health education

O4:

Health information

Ans: 2

Ques No: 262, QuesID : 802095

Subject: PSM

Topic: Biostatistics

Sub-Topic:

Which of the following is used to reduce the selection bias in a clinical trial?

O1:

Selecting the population

O2:

Intervention

O3:

Randomization

O4:

Written informed consent

Ans: 3

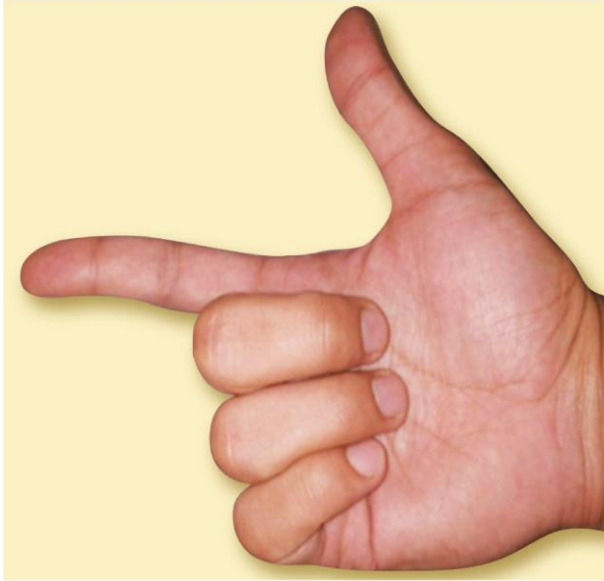
Ques No: 263, QuesID : 802093

Subject: Orthopaedics

Topic: General + Upper Limb Traumatology

Sub-Topic:

While examining a patient with a right forearm fracture, you ask him to make a fist. The following finding is noted during this procedure. What is the sign called as?



O1:
Froment's sign

O2:
Pointing index sign

O3:
Benediction sign

O4:
Policeman tip deformity

Ans: 2

Ques No: 264, QuesID : 802109

Subject: PSM

Topic: Preventive Medicine in Obstetrics, Pediatrics and Geriatrics

Sub-Topic:

According to WHO, what is the minimum number of antenatal visits?

O1:
8

O2:
4

O3:
12

O4:
14

Ans: 1



Ques No: 265, QuesID : 802103

Subject: PSM

Topic: Biostatistics

Sub-Topic:

For a population of 10,000, what does a sex ratio of more than 1000 mean?

O1:

Males are less than 500

O2:

Females are less than 500

O3:

Males are less than 5000

O4:

Females are less than 5000

Ans: 3

Ques No: 266, QuesID : 802111

Subject: PSM

Topic: Communicable and Non-communicable Diseases

Sub-Topic:

You are a doctor in a village. A 1 year old child who is not taking feeds presents with fever and cough for 2 days. On examination, he is calm, with a respiratory rate of 51 breaths/min, and stridor is present. According to IMNCI (integrated management of neonatal and childhood illnesses). How is he classified?

O1:

Pneumonia

O2:

Cough and cold

O3:

Severe pneumonia

O4:

ARDS

Ans: 3

Ques No: 267, QuesID : 802115


Subject: PSM

Topic: Family Planning and Contraceptives

Sub-Topic:

Which of the following is an absolute contraindication for the device shown in the image



		
below?		
O1: Anemia		
O2: Vaginal bleeding		
O3: Uterine malformations		
O4: Uterine fibroids		
Ans: 2		

Ques No: 268, QuesID : 802105

Subject: Orthopaedics

Topic: Orthopedics Oncology

Sub-Topic:

A 30-year-old male patient presented with complaints of a gradually progressive swelling around his wrist joint for 3 months. Given below is the image of the swelling and the X-ray film. What is the most likely diagnosis?



O1:
Ewing's sarcoma

O2:
Osteosarcoma

O3:
Osteoclastoma

O4:
Osteochondroma

Ans: 3

Ques No: 269, QuesID : 802121

Subject: Orthopaedics

Topic: General + Upper Limb Traumatology

Sub-Topic:

A patient was diagnosed with supraspinatus tendinitis. What degree of movement of the shoulder would be painful for this patient?

O1:
0-60 degree

O2:
60-120 degree

O3:
More than 120 degree

O4:
None of the above

Ans: 2



Ques No: 270, QuesID : 802113

Subject: PSM

Topic: Demography and Health

Sub-Topic:

A couple has given birth to their first child. Based on the nuclear family cycle, which phase is the family entering into?

O1:

Extension

O2:

Complete extension

O3:

Contraction

O4:

Completed contraction

Ans: 1

Ques No: 271, QuesID : 802119

Subject: PSM

Topic: Allied Health Disciplines

Sub-Topic:

Lung malignancy is most commonly associated with?

O1:

Asbestosis

O2:

Silicosis

O3:

Bagassosis

O4:

Byssinosis

Ans: 1

Ques No: 272, QuesID : 802117

Subject: PSM

Topic: Social Sciences and Health

Sub-Topic:

Which of the following is responsible for maintaining the births and deaths in India?

O1:

Sample registration system

O2:

Census



O3:

Death certificate

O4:

Lay reporting

Ans: 1

Ques No: 273, QuesID : 802123

Subject: PSM

Topic: Allied Health Disciplines

Sub-Topic:

According to the biomedical waste disposal guidelines, the used cotton swabs should be disposed of in the ___ coloured bag.

O1:

Yellow

O2:

Red

O3:

Blue

O4:

Transparent

Ans: 1

Ques No: 274, QuesID : 802129

Subject: PSM

Topic: Allied Health Disciplines

Sub-Topic:

A patient presents to an ESI hospital for treatment. Under the ESI Act, he/she is treated under which benefit?

O1:

Sickness benefit

O2:

Medical benefit

O3:

Maternity benefit

O4:

Dependent's benefit

Ans: 2

Ques No: 275, QuesID : 802127

Subject: PSM

Topic: Demography and Health

**Sub-Topic:**

When quarantine was introduced in the 14th century for plague, how many days were people who were suspected to have the infection quarantined for?

O1:

14 days

O2:

35 days

O3:

40 days

O4:

28 days

Ans: 3

Ques No: 276, QuesID : 802131

Subject: PSM**Topic:** Biostatistics**Sub-Topic:**

In a normal curve, what is the percentage of the distribution that falls within one standard deviation of the mean?

O1:

68%

O2:

34%

O3:

99%

O4:

95%

Ans: 1

Ques No: 277, QuesID : 802133

Subject: PSM**Topic:** Nutrition and Health**Sub-Topic:**

If Bajra is mixed with black seeds, what is used to separate them?

O1:

20% salt water

O2:

Normal saline

O3:

10% salt water



O4:

Water

Ans: 1

Ques No: 278, QuesID : 802219

Subject: ENT

Topic: Ear

Sub-Topic:

Which of the following are the objective tests for the hearing?

- A. BERA (Brainstem evoked response audiometry)
- B. OAE (Otoacoustic emission)
- C. PTA (Pure tone audiometry)
- D. Tympanometry

O1:

A, B and D

O2:

A, B and C

O3:

B, C and D

O4:

A, B, C and D

Ans: 1

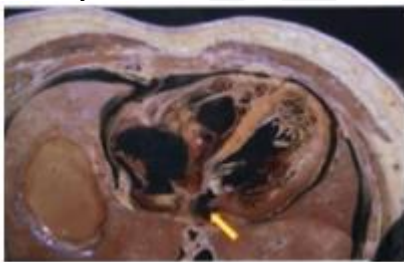
Ques No: 279, QuesID : 802421

Subject: Anatomy

Topic: Thorax

Sub-Topic:

Identify the arrow marked chamber.



O1:

Right atrium

O2:

Left atrium

O3:

Right ventricle

O4:



Left ventricle

Ans: 2

Ques No: 280, QuesID : 802456

Subject: Anatomy

Topic: Upper Limb

Sub-Topic:

Biceps brachii functions as which type of muscle for lifting forearm ?

O1:

Synergistic

O2:

Fixator

O3:

Antagonist

O4:

Primary mover

Ans: 4

Ques No: 281, QuesID : 802462

Subject: Anatomy

Topic: Lower Limb

Sub-Topic:

In knee flexion, lateral dislocation of patella is prevented by

O1:

Vastus medialis

O2:

Patellar ligament

O3:

Gracilis

O4:

Rectus femoris

Ans: 1

Ques No: 282, QuesID : 802464

Subject: Anaesthesia

Topic: Cardiopulmonary Cerebral Resuscitation


Sub-Topic:

An unresponsive patient in ambulance on attachment of monitors showed following rhythm. What should be done immediately?

O1:



Check for pulse and breathing
O2: Chest compressions and defibrillation
O3: Put the patient in left lateral position
O4: Cardioversion
Ans: 2

<p>Ques No: 283, QuesID : 802478</p> <p>Subject: Anaesthesia</p> <p>Topic: Cardiopulmonary Cerebral Resuscitation</p> <p>Sub-Topic:</p> <p>A 23 year old female was having fever from last 1 week. On monitor following rhythm was seen. Diagnosis?</p> 
O1: Atrial fibrillation
O2: Atrial flutter
O3: Supra ventricular tachyarrhythmia
O4: Ventricular tachyarrhythmia
Ans: 1

<p>Ques No: 284, QuesID : 802508</p> <p>Subject: Medicine</p> <p>Topic: Cardiology</p> <p>Sub-Topic:</p> <p>DASH diet includes the following food except ?</p>
O1: Rich in potassium.
O2: Rich in calcium
O3: Rich in sodium
O4:



Rich in magnesium

Ans: 3

Ques No: 285, QuesID : 802583

Subject: Biochemistry

Topic: Introduction

Sub-Topic:

The subcellular organelle which is associated with killing of viruses and bacteria is ?

O1:

Peroxisome

O2:

Mitochondria

O3:

Lysosome

O4:

Golgi apparatus

Ans: 3

Ques No: 286, QuesID : 802595

Subject: Biochemistry

Topic: Carbohydrate Chemistry

Sub-Topic:

Enzyme deficient in Gaucher disease :

O1:

Betagalacto cerebrosidase

O2:

Betagluco cerebrosidase

O3:

Glucose-6-phosphate

O4:

Alpha glucocerebroside

Ans: 2

Ques No: 287, QuesID : 802603

Subject: ENT

Topic: Larynx

Sub-Topic:

Diphtheria patient develops right vocal fold palsy. What will be the management?

O1:

Wait and watch



O2:
Gelfoam injection

O3:
Thyroplasty type 1

O4:
Fat injection

Ans: 1

Ques No: 288, QuesID : 802621

Subject: Forensic Medicine

Topic: Forensic Toxicology

Sub-Topic:

After 72 hours of Cessation of alcohol, which of the following withdrawal symptoms can be seen in alcoholic patients?

O1:
Seizures

O2:
Delirium tremens

O3:
Tremors Tremors

O4:
Hallucinations

Ans: 2

Ques No: 289, QuesID : 802633

Subject: Medicine

Topic: Cardiology

Sub-Topic:

A patient has presented with features of cardiac tamponade. Which of the following is a true finding?

O1:
Pulsus Paradoxsus is always present

O2:
Kussmaul sign is always present

O3:
Tall A wave is present

O4:
Jugular veins column is visibly distended without pulsations

Ans: 4

Ques No: 290, QuesID : 802635



Subject: Pediatrics
Topic: Neonatology
Sub-Topic:

Which is correct about ABO and Rh incompatibility leading to Erythroblastosis fetalis?

O1:
Cytotoxic

O2:
Cell mediated Hypersensitivity

O3:
Antigen-antibody reaction

O4:
Immune complex

Ans: 1

Ques No: 291, QuesID : 802720

Subject: Medicine
Topic: Cardiology
Sub-Topic:

Young male had no symptoms, but auscultation reveals wide fixed split S2. The clinical diagnosis is?

O1:
ASD

O2:
VSD

O3:
TOF

O4:
BAV

Ans: 1

Ques No: 292, QuesID : 802734

Subject: Medicine
Topic: Endocrinology
Sub-Topic:

Rhino-cerebral Mucor mycosis is associated with?

O1:
Diabetic ketoacidosis

O2:
Pregnancy

O3:
Antibiotics



O4:

Inhaled steroids

Ans: 1

Ques No: 293, QuesID : 802754

Subject: Microbiology

Topic: Virology

Sub-Topic:

Reinfection with which of the following virus can lead to more severe disease with complications?

O1:

Dengue

O2:

Rabies

O3:

Measles

O4:

Mumps

Ans: 1

Ques No: 294, QuesID : 802776

Subject: PSM

Topic: Communicable and Non-communicable Diseases

Sub-Topic:

A patient is resistant to Isoniazid, Rifampicin, Ofloxacin and Kanamycin. What type of resistance is being shown by the patient?

O1:

Multidrug resistance

O2:

Extensively drug resistant

O3:

Rifampicin resistant

O4:

Extremely drug resistant

Ans: 2

Ques No: 295, QuesID : 802824

Subject: PSM

Topic: Health Education and Communication

Sub-Topic:

As a Medical Officer of a PHC, you want to talk and discuss health related issue with



Antenatal mothers. How many members will you include in focal group discussion
O1: 4-6
O2: 3-5
O3: 6-12
O4: 12-15
Ans: 3

<p>Ques No: 296, QuesID : 802834</p> <p>Subject: PSM</p> <p>Topic: Nutrition and Health</p> <p>Sub-Topic:</p> <p>A couple brought their son to doctor. They were worried because their son likes to eat foods from multinational companies. What will we call this shift from consumption of traditional natural food to western fast foods?</p>
O1: Food transition
O2: Social pathology
O3: Acculturation
O4: Demographic change
Ans: 3

<p>Ques No: 297, QuesID : 802842</p> <p>Subject: Medicine</p> <p>Topic: Endocrinology</p> <p>Sub-Topic:</p> <p>A 65 YRS old male presented with weakness, lethargy, excessive cold intolerance, and slow ankle jerk. On TFT, TSH was 16 Mu/L (Normal 0.4 - 4.0 mu / l and T4 – 0.3 ng/dl (normal 0.6 - 1.6 ng / dl) and T3 – 70 pg /dl. What would be the most appropriate management?</p>
O1: Start levothyroxine at 100 micrograms and decrease the dose gradually
O2: Start levothyroxine at 25 micrograms and increase the dose gradually
O3: Start levothyroxine at 25 micrograms and decrease the dose gradually



O4:

Give T3 and T4 drugs simultaneously

Ans: 2

Ques No: 298, QuesID : 802863

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A patient presented with symptoms of dysphagia, retrosternal pain, and regurgitation with coughing after meals. What is the diagnosis?

O1:

Brown Patterson Kelly syndrome

O2:

Achalasia

O3:

Esophageal diverticula

O4:

Reflux esophagitis

Ans: 3

Ques No: 299, QuesID : 802885

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 40-year-old patient presented with a passage of mucus and blood in the stool. On sigmoidoscopy, the inflammation was seen, mainly in the rectum. On biopsy, crypt abscess was detected. What is the most probable diagnosis?

O1:

Ulcerative colitis

O2:

Irritable bowel syndrome

O3:

Crohn disease

O4:

Pseudomembranous colitis

Ans: 1

Ques No: 300, QuesID : 802927

Subject: Biochemistry

Topic: Lipid Metabolism

Sub-Topic:



Cholesterol is synthesized from?
O1: Acetyl coA
O2: Malonyl coA
O3: Phenylalanine
O4: Oxaloacetate
Ans: 1

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