



FMGE June 2022 PYQs

Here is a valuable resource to strengthen your FMGE preparation - the FMGE June 2022 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 : 792915

Subject: Orthopaedics

Topic: General + Upper Limb Traumatology

Sub-Topic:

A patient presents with swelling and tenderness in the anatomical snuffbox after sustaining a fall on their outstretched hand. The image given below shows the cast used to manage the patient's injury. Identify the fracture.



O1:
Colle's fracture

O2:
Scaphoid fracture

O3:
Smith fracture

O4:
Galeazzi fracture

Ans: 2

Ques No: 2, QuesID : 792958

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A patient has presented with blister on hand followed by axillary lymphadenopathy. What will you ask the patient with regard to history?

O1:
History of exposure to rat

O2:
History of exposure to cat

O3:
History of similar complaint in family members

O4:
History of tick bite



Ans: 2

Ques No: 3, QuesID : 792961

Subject: Microbiology

Topic: Parasitology

Sub-Topic:

A patient came to the gynecology OPD with complaints of foul-smelling frothy vaginal discharge and intense itching. On examination, the cervix appeared strawberry-like. Which of the following statement is false regarding the causative organism?

O1:

It exists in cyst and trophozoite form

O2:

It is an obligate parasite

O3:

The gold standard for diagnosis is culture on CPLM or PEM

O4:

The treatment of choice is metronidazole

Ans: 1

Ques No: 4, QuesID : 792962

Subject: Microbiology

Topic: General Microbiology

Sub-Topic:

Which among the following methods is used to sterilize a glass petri dish?

O1:

Autoclaving at 121 degrees Celsius for 30-60 minutes

O2:

Hot air oven at 160 degrees Celsius for 120 minutes or less

O3:

Flash autoclaving at 134 degrees Celsius for 3 minutes

O4:

Hot air oven at 121 degrees Celsius for 30-60 minutes

Ans: 2

Ques No: 5, QuesID : 792970

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

A young patient presented to the emergency department with pain and swelling of the right knee. A plain radiograph shows the following finding. What is the best treatment for the given condition?



O1:

Tension band wiring with K-wires

O2:

Tension band wiring with cancellous screws

O3:

Cylinder cast

O4:

Patellectomy

Ans: 1

Ques No: 6, QuesID : 792969

Subject: Microbiology

Topic: Virology

Sub-Topic:

Which of the following statements is true regarding antigenic drift?

O1:

There is a gradual sequential change in antigenic structure

O2:

It doesn't account for the periodic epidemics of influenza

O3:

The new antigens thus formed are totally unrelated to the previous antigens

O4:

Antigens to the predecessor viruses do not neutralize the new variants

Ans: 1

Ques No: 7, QuesID : 792972

Subject: Microbiology



Topic: Systemic Bacteriology

Sub-Topic:

A 38-year-old IV drug abuser presents with a 1-week history of malaise, fatigue, and rigors. His temperature on admission was 38.5-degree C. Examination revealed a pan-systolic murmur which was loudest at the left sternal edge. Three sets of blood cultures were taken. Which organism is most likely to be found in his blood culture?

O1:

Streptococcus sanguis

O2:

Enterococcus faecium

O3:

Coxiella burnetii

O4:

Staphylococcus aureus

Ans: 4

Ques No: 8, QuesID : 792975

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

If a sample is cultured in LJ media, what would be the staining characteristic of the organism?

O1:

Gram positive

O2:

Gram negative

O3:

Acid fast

O4:

Non-acid fast

Ans: 3

Ques No: 9, QuesID : 792973

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: 10, QuesID : 792974

Subject: Orthopaedics

Topic: Pediatric Orthopedics

Sub-Topic:

A 6-month-old child is brought to the OPD with a deformity as shown in the image given below. Which of the following is your line of management?



O1:

Manipulation and cast

O2:

Posteromedial soft tissue release

O3:

Triple arthrodesis

O4:

Evan's procedure

Ans: 1

Ques No: 11, QuesID : 792981

Subject: Orthopaedics

Topic: Spine + Pelvis + Lower Limb Traumatology

Sub-Topic:

A 34-year-old male presents with a history of progressive lower backache and early morning stiffness for the past 6 months. His symptoms are more severe in the morning and improve on exercise. He is a known case of ulcerative colitis and an x-ray of his lumbar spine is taken and is given below. What is the most likely diagnosis?



O1:
Pott's spine

O2:
Psoriatic arthritis

O3:
Ankylosing spondylitis

O4:
Rheumatoid arthritis

Ans: 3

Ques No: 12, QuesID : 792977

Subject: Microbiology

Topic: Immunology

Sub-Topic:

A boy, upon disturbing a beehive, received several stings. After a few minutes, he developed symptoms of shock, respiratory failure, and vascular collapse. This is an example of –

O1:
T cell-mediated cytotoxicity



O2:

IgE-mediated reaction

O3:

IgG-mediated reaction

O4:

IgA-mediated hypersensitivity reaction

Ans: 2

Ques No: 13, QuesID : 792980

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

Which of the following is specifically found in gram-negative bacteria?

O1:

Capsule

O2:

Peptidoglycan

O3:

Lipopolysaccharide

O4:

Flagella

Ans: 3

Ques No: 14, QuesID : 792989

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:

A patient presented with vomiting to medicine OPD. He has a history of eating fried rice. What is the most likely organism causing this?

O1:

Clostridium perfringens

O2:

Bacillus cereus

O3:

Staphylococcus aureus

O4:

Bacillus anthracis

Ans: 2

Ques No: 15, QuesID : 792992

Subject: Microbiology

Topic: Systemic Bacteriology

Sub-Topic:



14. A patient presents with pain abdomen, diarrhea, and a stepladder pattern fever. He also complains of a headache and malaise. His symptoms were gradually worsening over the past 2 weeks. Which of the following is the best diagnostic method?

O1:

Widal test

O2:

Stool culture

O3:

Blood culture

O4:

Urine culture

Ans: 1

Ques No: 16, QuesID : 792983

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Identify the hormone present in the contraceptive shown in the image below.



O1:

Nonoxynol 9

O2:

Octoxynol 8

O3:

Menfegol

O4:

Levonorgestrel

Ans: 1



Ques No: 17, QuesID : 792987

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

IUCD having the longest life span is –

O1:

Progestasert

O2:

CuT 380 A

O3:

Mirena

O4:

Nova T

Ans: 2

Ques No: 18, QuesID : 793001

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 28-year-old woman complained of inability to conceive, dysmenorrhea, and pelvic pain. She has a history of frequent pelvic inflammatory disease; a hysterosalpingogram showed an absence of peritoneal spillage on the right side. Identify the given clinical scenario.

O1:

Tubal block

O2:

Endometriosis

O3:

Asherman syndrome

O4:

Bilateral hydrosalpinx

Ans: 1

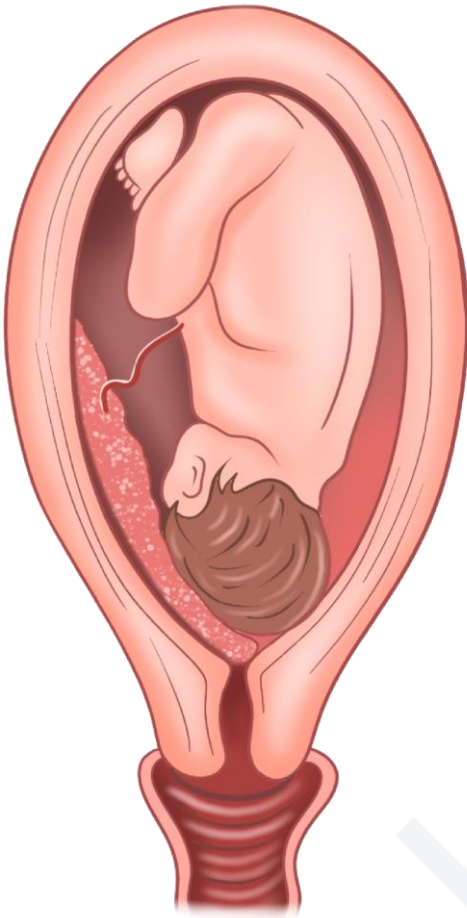
Ques No: 19, QuesID : 793003

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

Identify the condition given in the image below:



O1:
Vasa previa

O2:
Placenta previa

O3:
Placenta accreta

O4:
Abruptio placenta

Ans: 2

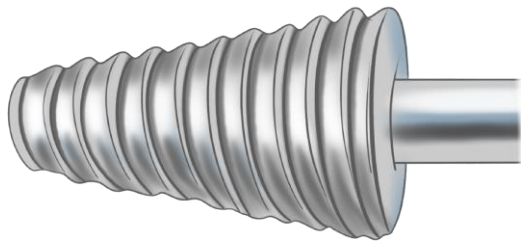
Ques No: 20, QuesID : 793006

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

What is the use of the instrument given below?



O1:
Myomectomy

O2:
Hysterosalpingography

O3:
Endometrial biopsy

O4:
Conization of cervix

Ans: 2

Ques No: 21, QuesID : 793009

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A woman presented in her 8th week of pregnancy seeking MTP. The appropriate dosage of Misoprostol (administered by mucosal route) would be—

O1:
200 mcg

O2:
600 mcg

O3:
400 mcg

O4:
800 mcg

Ans: 4

Ques No: 22, QuesID : 792994

Subject: Ophthalmology

Topic: Uveitis

Sub-Topic:

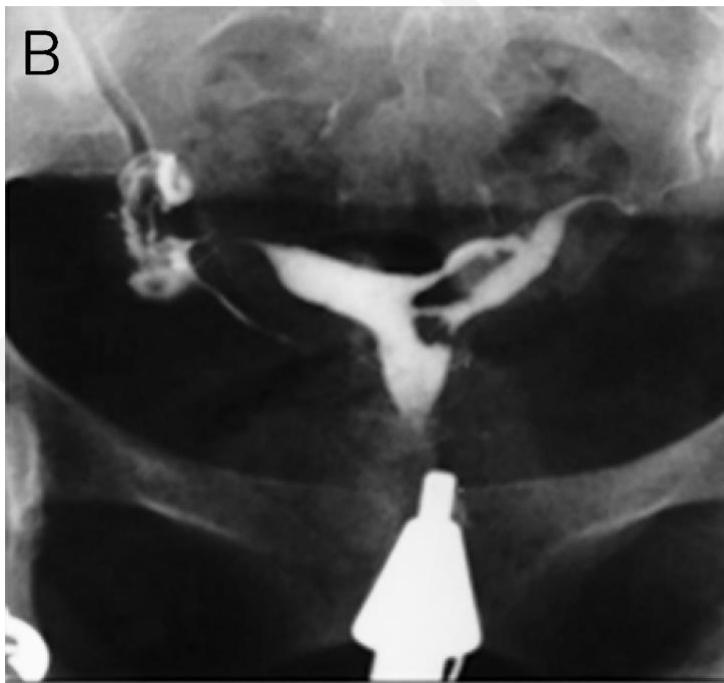
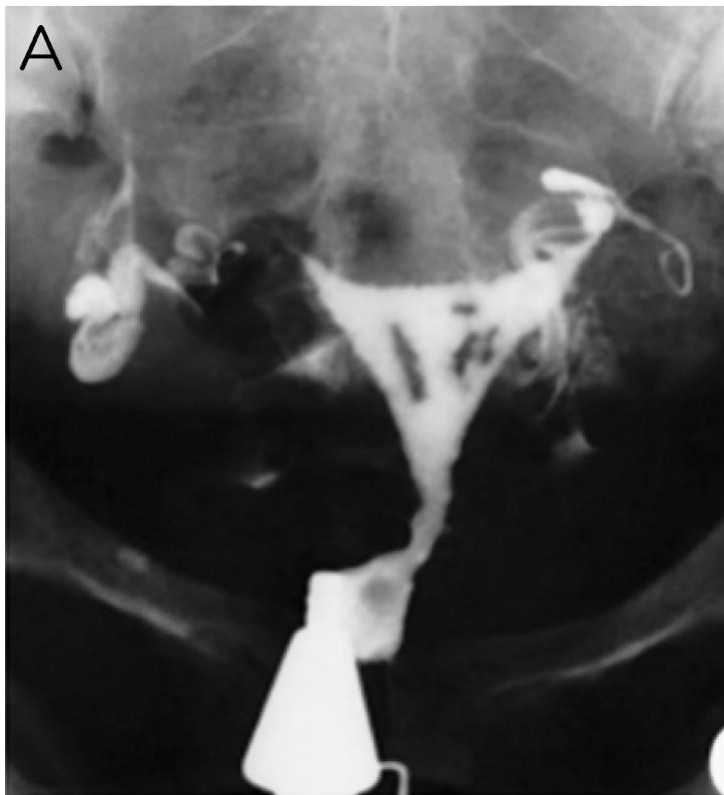
A patient with sarcoidosis shows Koeppe's nodules on ophthalmologic examination. Where are these seen?



O1: Cornea
O2: Conjunctiva
O3: Iris
O4: Retina
Ans: 3

<p>Ques No: 23,QuesID : 793011 Subject: Gynaecology & Obstetrics Topic: Gynecology Sub-Topic:</p> <p>A 24 year old woman visits the infertility clinic with complaints of recurrent abortions. Upon investigation, she is found to have a septate uterus. Which of the following corrective procedures has the best obstetric outcome?</p>
O1: Jones metroplasty
O2: Strassmann metroplasty
O3: Tompkins metroplasty
O4: Transcervical resection of septum
Ans: 4

<p>Ques No: 24,QuesID : 793014 Subject: Gynaecology & Obstetrics Topic: Gynecology Sub-Topic:</p> <p>A woman who underwent dilatation and curettage following a missed abortion now presents with amenorrhoea. The urine pregnancy test is negative. Hysterosalpingography shows the findings seen in the image below. What is your diagnosis?</p>



O1:
Sheehan syndrome

O2:



Endometriosis

O3:

Asherman syndrome

O4:

Pyometra

Ans: 3

Ques No: 25, QuesID : 793016

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

Preconceptional use of --- leads to reduced incidence of neural tube defects.

O1:

Folic acid

O2:

Iron

O3:

Calcium

O4:

Vitamin A

Ans: 1

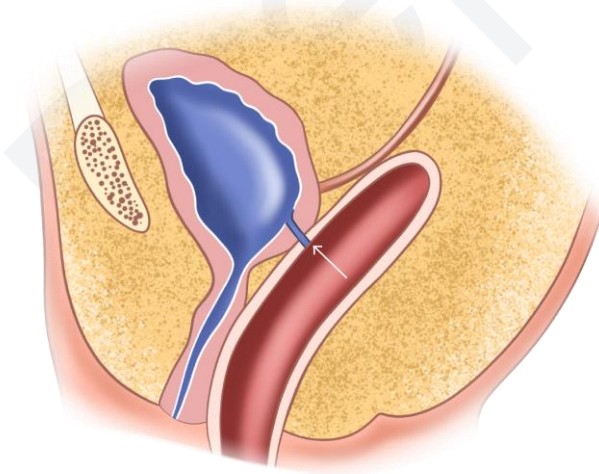
Ques No: 26, QuesID : 793020

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Identify the fistula labelled below:



O1:

Vesicocervical fistula

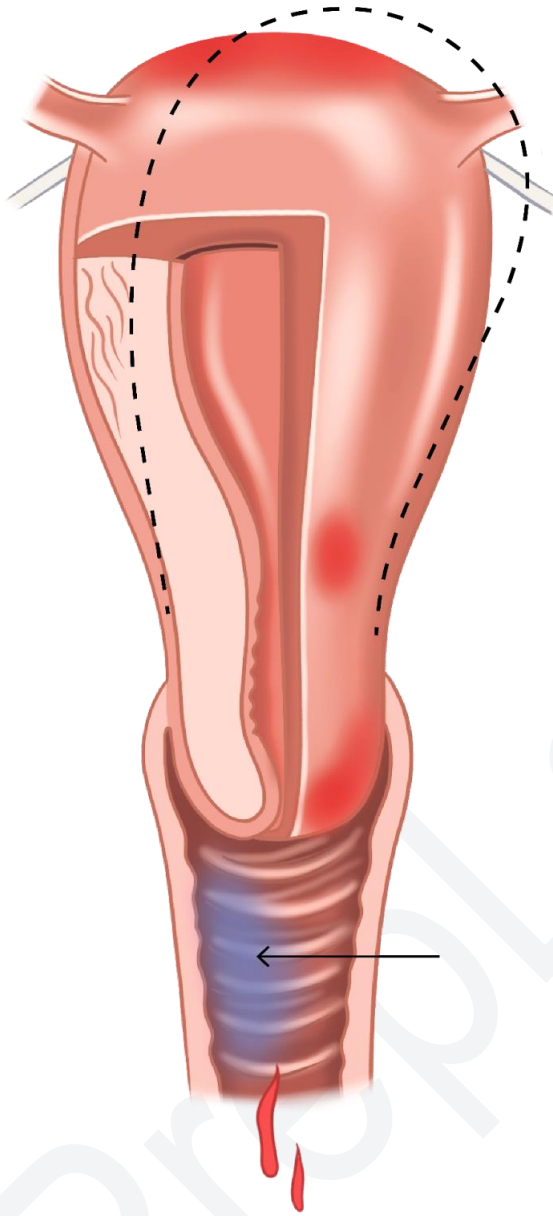
O2:



Urethrovaginal fistula
O3: Ureterovaginal fistula
O4: Vesicovaginal fistula
Ans: 4

<p>Ques No: 27, QuesID : 793022 Subject: Gynaecology & Obstetrics Topic: Obstetrics Sub-Topic:</p> <p>When does secondary postpartum haemorrhage develop?</p>
O1: Within 6 hours of delivery
O2: Within 24 hours of delivery
O3: 24 hours – 12 weeks after delivery
O4: Shortly after the delivery of placenta
Ans: 3

<p>Ques No: 28, QuesID : 793024 Subject: Gynaecology & Obstetrics Topic: Obstetrics Sub-Topic:</p> <p>Identify the sign that is seen during 8 weeks of pregnancy resulting in a dusky blue color of the vagina:</p>
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O1:
Palmer's sign

O2:
Chadwick's sign

O3:
Hegar's sign

O4:
Osiander's sign

Ans: 2



Ques No: 29, QuesID : 793026

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which part of the fallopian tube is most commonly involved in genital tuberculosis?

O1:

Infundibulum

O2:

Ampulla

O3:

Isthmus

O4:

Interstitial

Ans: 2

Ques No: 30, QuesID : 793017

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 of the affected eye, a relative afferent pupillary defect with a normal optic disc is seen. Visual field testing was done which revealed a 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: 31, QuesID : 793028

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which is the most common bilateral benign tumour of the ovary in the reproductive age group?

O1:

Epithelial cell tumor

O2:

Follicular cysts

O3:



Sex cord stromal tumor

O4:

Benign teratoma

Ans: 4

Ques No: 32, QuesID : 793030

Subject: Ophthalmology

Topic: Optics

Sub-Topic:

Which of the following factors should be kept in mind while choosing the power of an intraocular lens (IOL) in a child <1 year of age?

O1:

Myopic shift

O2:

Hypermetropic shift

O3:

Length of the lens capsule

O4:

Growth of the lens capsule

Ans: 1

Ques No: 33, QuesID : 793032

Subject: Ophthalmology

Topic: Cornea

Sub-Topic:

Identify the lesion in the given image.



O1:

Viral keratitis

O2:

Fungal keratitis

O3:



Bacterial keratitis

O4:

Interstitial keratitis

Ans: 1

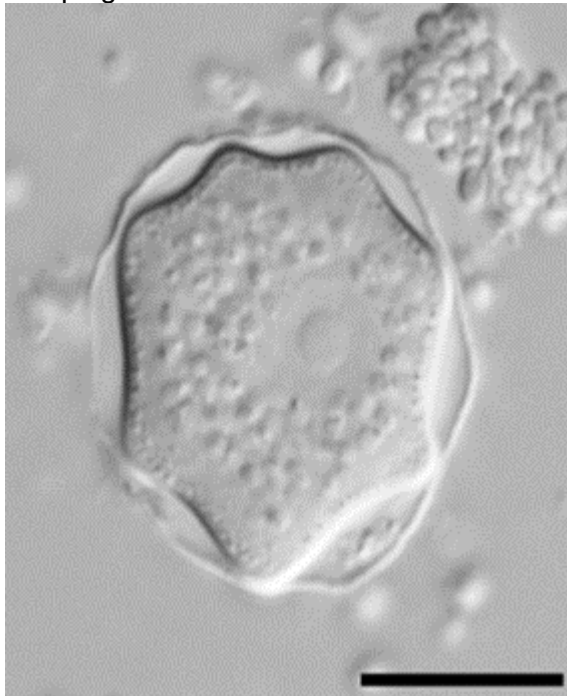
Ques No: 34, QuesID : 793034

Subject: Ophthalmology

Topic: Optics

Sub-Topic:

A 21-year-old student presents with ocular redness, foreign body sensation, and excessive tearing following the use of a contact lens. An interface contrast microscopy from his corneal scraping is shown below. What would be the most probable cause?



O1:

Acanthamoeba

O2:

Naegleria fowleri

O3:

Entamoeba histolytica

O4:

Balamuthia mandibularis

Ans: 1

Ques No: 35, QuesID : 793031

Subject: Gynaecology & Obstetrics

Topic: Gynecology



Sub-Topic:

Which of the following can reduce the risk of endometrial cancer in a postmenopausal woman on hormone replacement therapy (HRT)?

O1:

Combined oral contraceptive pills

O2:

Clonidine

O3:

Vitamin E

O4:

Adding progesterone to estrogen

Ans: 4

Ques No: 36, QuesID : 793037

Subject: Ophthalmology

Topic: Conjunctiva

Sub-Topic:

A middle-aged woman presents with a pterygium that has been steadily progressing towards the pupillary means of management in this case?

O1:

Keratoplasty

O2:

Excision with conjunctival autograft

O3:

Observation

O4:

Beta-radiation

Ans: 2

Ques No: 37, QuesID : 793040

Subject: Ophthalmology

Topic: Orbit

Sub-Topic:

A patient presents with a hard painless nodule on the upper eyelid. It was observed to be growing outwards, away from the lid margin. What could be the most probable diagnosis here?

O1:

Stye

O2:

Entropion

O3:

Chalazion

O4:



Blepharitis

Ans: 3

Ques No: 38, QuesID : 793041

Subject: Ophthalmology

Topic: Cornea

Sub-Topic:

A 27-year-old male patient suffers trauma to his eye with vegetative matter. He now presents with a corneal ulcer, alongside hypopyon and satellite lesions. He reports mild pain with photophobia and redness. What is the most likely diagnosis?

O1:

Fungal keratitis

O2:

Acanthamoeba keratitis

O3:

Viral keratitis

O4:

Bacterial keratitis

Ans: 1

Ques No: 39, QuesID : 793044

Subject: Ophthalmology

Topic: Conjunctiva

Sub-Topic:

A patient has significant distress on reading text off paper or screen. On examination of his eyes, all domains including visual acuity are essentially normal except for Schirmer's test which reads 5mm. What is the best way to treat this patient?

O1:

Steroids

O2:

Anti-histamine

O3:

Lubricants

O4:

Prescribed spectacles

Ans: 3

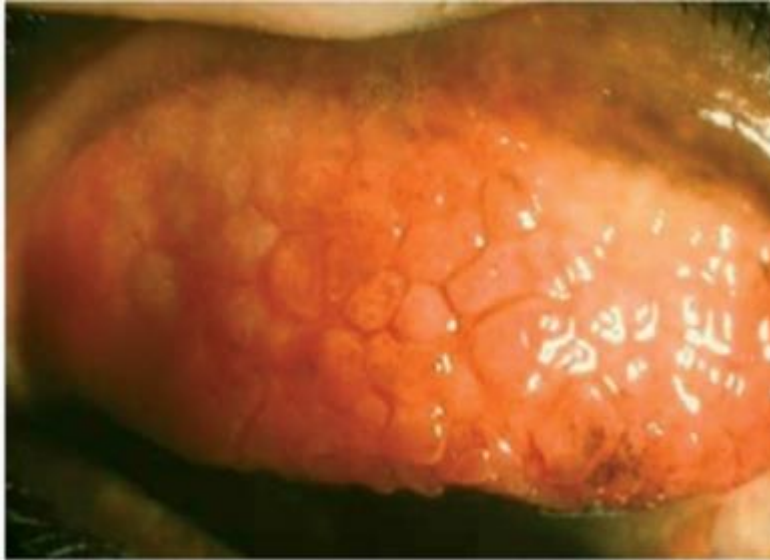
Ques No: 40, QuesID : 793046

Subject: Ophthalmology

Topic: Conjunctiva

Sub-Topic:

A 5-year-old boy was brought to the ophthalmology OPD with complaints of intense itching, photophobia, and ropy discharge from his eyes. Moreover, on examination the following finding is present. What is the most probable diagnosis of this patient?



O1:

Trachoma

O2:

Vernal keratoconjunctivitis

O3:

Phlyctenular conjunctivitis

O4:

Xerophthalmia

Ans: 2

Ques No: 41, QuesID : 793051

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 30-year-old woman presents with severe dysmenorrhoea, dyspareunia and infertility. A diagnosis of endometriosis was made, and she was posted for laparoscopy surgery. During the procedure, dense pelvic adhesions were seen with the bowel stuck to the fundus and cystic ovaries stuck to each other. What is the next step in managing this patient?

O1:

LUNA for chronic pelvic pain

O2:

Gestrinone to decrease the LH surge

O3:

Cystectomy and adhesiolysis

O4:

Hysterectomy and oophorectomy

Ans: 3

Ques No: 42, QuesID : 793052



Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

The most common cause of postmenopausal bleeding all over the world is

O1:

Senile endometrial atrophy

O2:

Cervical cancer

O3:

Endometrial cancer

O4:

Hormone replacement therapy

Ans: 1

Ques No: 43, QuesID : 793053

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A patient with unilateral breast cancer is started on tamoxifen. This will increase the risk of?

O1:

Ovarian cancer

O2:

Endometrial cancer

O3:

Breast cancer in the opposite breast

O4:

Cervical cancer

Ans: 2

Ques No: 44, QuesID : 793054

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 27 year old female presents to emergency following bleeding per vaginum, preceded by amenorrhea for 7 weeks. She's in hemodynamic shock with a positive serum beta hCG. On examination, a mass is palpable in the lower abdomen. What is the most likely diagnosis in this scenario?

O1:

Pyelonephritis

O2:

Gastrointestinal stromal tumor

O3:

Red degeneration of fibroid



O4:

Ruptured ectopic pregnancy

Ans: 4

Ques No: 45, QuesID : 793055

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

What is the best-recommended management in a case of vault prolapse with cystocele and rectocele?

O1:

Anterior colporrhaphy only

O2:

Posterior colpoperineorrhaphy only

O3:

Both A & B

O4:

Hysterectomy

Ans: 3

Ques No: 46, QuesID : 793058

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

The normal placenta is –

1. Discoid
2. Hemochorial
3. Deciduate

O1:

1 & 2

O2:

2 & 3

O3:

1 & 3

O4:

1, 2 and 3

Ans: 4

Ques No: 47, QuesID : 793059

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

The highest incidence of ureteric injury is seen –



O1:

Vaginal hysterectomy

O2:

Wertheim's hysterectomy

O3:

Abdominal hysterectomy

O4:

Emergency Caesarean section

Ans: 2

Ques No: 48, QuesID : 793060

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which phase of the menstrual cycle features vacuolation as a histological feature?

O1:

Secretory phase

O2:

Proliferative phase

O3:

Menstrual phase

O4:

All the above

Ans: 1

Ques No: 49, QuesID : 793061

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

What is the investigation of choice in a 55-year-old woman who presents with post-menopausal bleeding?

O1:

Pap smear

O2:

Endometrial biopsy

O3:

Fractional curettage

O4:

CA-125 estimation

Ans: 2

Ques No: 50, QuesID : 793062

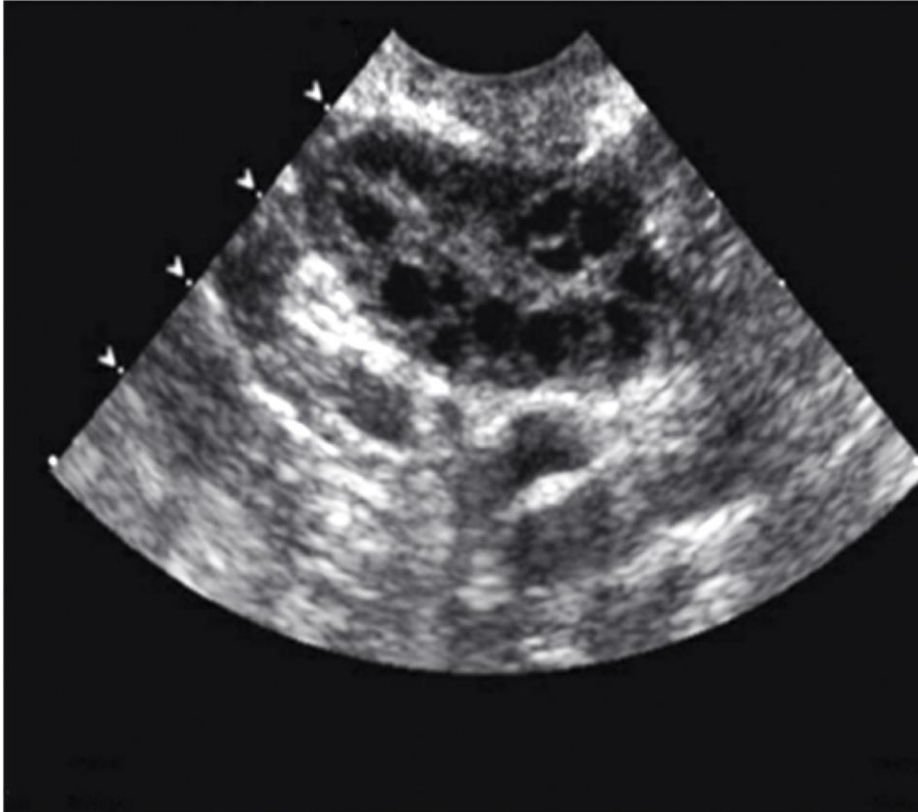
Subject: Gynaecology & Obstetrics

Topic: Gynecology



Sub-Topic:

A nulliparous lady with a BMI of 23, presents with hirsutism. Ultrasonography was done and an image of the same is shown below. What is the most probable diagnosis?



O1:
Polycystic ovarian syndrome

O2:
Tubal block

O3:
Multiple fibroids

O4:
Mesenteritis

Ans: 1

Ques No: 51, QuesID : 793064

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

Ritodrine, which prevents premature labour, causes all of the following maternal complications, except:

O1:
Tremors



O2:

Tachycardia

O3:

Hypoglycemia

O4:

Pulmonary oedema

Ans: 3

Ques No: 52, QuesID : 793066

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 52-year-old woman diagnosed with carcinoma cervix stage 2B was advised radiotherapy. Which of the following statements regarding radiotherapy is false?

O1:

Point B is 3 cm lateral to point A

O2:

Point A is 2 cm above the external os and 5 cm lateral to the internal uterine canal

O3:

Point A receives a dose of 7000 cGy

O4:

Point B received a dose of 6000 cGy

Ans: 3

Ques No: 53, QuesID : 793068

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 75 year old woman with complaints of mass per vaginum, as shown in the below image was posted for operative repair. During the pre-anaesthetic check-up, she was found to be unfit for major surgery. Which of the following procedures is recommended for her?



O1:
Abdominal wall cervicopexy

O2:
Shirodkar's sling procedure

O3:
Le Fort's repair

O4:
Khanna's sling procedure

Ans: 3

Ques No: 54, QuesID : 793071

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A 34 year old G2P1L1 presents with abdominal pain, bleeding per vaginum in labour and loss of fetal movements. She occasionally smokes but does not consume alcohol or recreational drugs. On examination, her pulse rate is 80 bpm, BP 150/90 mm Hg and has a tense abdomen on palpation. What is the probable diagnosis?

O1:
Abruptio placenta

O2:
Placenta previa



O3:

Hydramnios

O4:

Preterm labour

Ans: 1

Ques No: 55, QuesID : 793073

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

What is the average duration of lochial discharge in a puerperal woman?

O1:

5-15 days

O2:

10-20 days

O3:

24-36 days

O4:

36-42 days

Ans: 3

Ques No: 56, QuesID : 793076

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

Which among the following is an ideal treatment for a 55 year old with simple hyperplasia of endometrium with atypia?

O1:

Simple hysterectomy

O2:

Medroxy progesterone acetate

O3:

Levonorgestrel

O4:

Radiotherapy

Ans: 1

Ques No: 57, QuesID : 793077

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A 21 year old woman is brought in a drowsy state from a PHC with complaints of fever, severe lower abdominal pain, and purulent vaginal discharge. Her friend revealed that she had an



unsafe abortion a week ago. On examination, her abdomen was distended, BP was 80/60 mmHg, PR was 140 bpm and RR was 36/min. Which of the following is not a causative agent of her present condition?

O1:

Streptococcus pyogenes

O2:

Clostridium perfringens

O3:

Clostridium sordellii

O4:

Escherichia coli

Ans: 4

Ques No: 58, QuesID : 793079

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

O2:

Transverse vaginal septum

O3:

Imperforate hymen

O4:

Endometrioma

Ans: 3

Ques No: 59, QuesID : 793087

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

An 18-year-old girl presents with a history of low-grade fever, weight loss, abdominal pain and amenorrhoea for six months. On examination, a pelvic mass is felt on the left side and signs of ascites are positive. What is the probable diagnosis?

O1:

Submucous fibroid

O2:

Ovarian malignancy

O3:

Ectopic pregnancy



O4:

Genital tuberculosis

Ans: 4

Ques No: 60, QuesID : 793090

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

A pregnant woman at 36 weeks of gestation with a prosthetic valve replacement for mitral stenosis is on warfarin therapy. Her INR is 3. What is the appropriate next step in management?

O1:

Stop warfarin and start LMWH

O2:

Stop warfarin and start aspirin

O3:

Continue warfarin

O4:

Stop warfarin, start LMWH and aspirin

Ans: 1

Ques No: 61, QuesID : 793093

Subject: Radiology

Topic: Musculoskeletal Radiology

Sub-Topic:

What diagnosis can be derived from the image given below?



O1:
Multiple myeloma

O2:
Ankylosing spondylitis

O3:
Pyogenic spondylitis

O4:
Pott's spine

Ans: 4

Ques No: 62, QuesID : 793094

Subject: Radiology

Topic: Thoracic Radiology

Sub-Topic:

A 74-year-old gentleman presents to the OPD with history of significant unintentional weight loss, loss of appetite and iron deficiency anaemia. A chest x-ray was done and is given below. What is the diagnosis?



O1:
Bronchogenic carcinoma

O2:
Mesothelioma

O3:
Metastasis

O4:
Pneumoconiosis

Ans: 3

Ques No: 63, QuesID : 793097

Subject: Radiology

Topic: Thoracic Radiology

Sub-Topic:

What does the following X-ray depict?



O1:
Emphysema

O2:
Tension pneumothorax

O3:
Pleural effusion

O4:
Bronchiectasis

Ans: 3

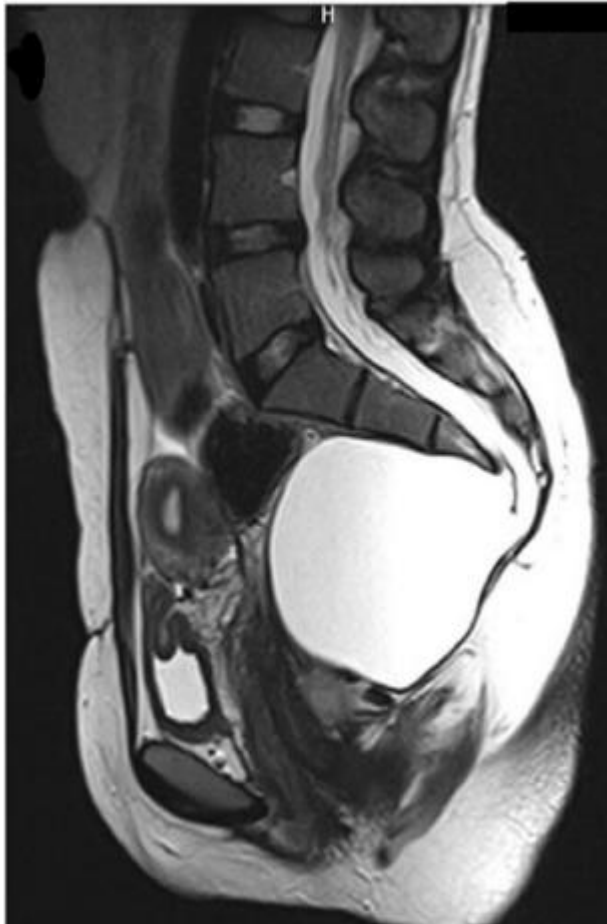
Ques No: 64, QuesID : 793098

Subject: Radiology

Topic: Head & Neck Imaging

Sub-Topic:

A new-born is seen to have an abnormal lump in the lower back. Identify the condition from the MRI given below.



O1:
Meningocele

O2:
Myelomeningocele

O3:
Spina bifida occulta

O4:
Bone cyst

Ans: 1

Ques No: 65, QuesID : 793101

Subject: Radiology

Topic: Radiotherapy

Sub-Topic:

Which of the following radioactive isotopes is not used for brachytherapy?

O1:
Iodine-125

O2:
Iodine-131

O3:



Cobalt-60

O4:

Iridium-192

Ans: 2

Ques No: 66, QuesID : 793118

Subject: Anatomy

Topic: General Embryology

Sub-Topic:

A newborn had hypoplasia of the mandibles and zygomatic bones, malformed external ears, and slanted palpebral fissures. Abnormality in the development of which of the following pharyngeal arches will most likely lead to the given condition?

O1:

Pharyngeal arch 1

O2:

Pharyngeal arch 2

O3:

Pharyngeal arch 3

O4:

Pharyngeal arch 4

Ans: 1

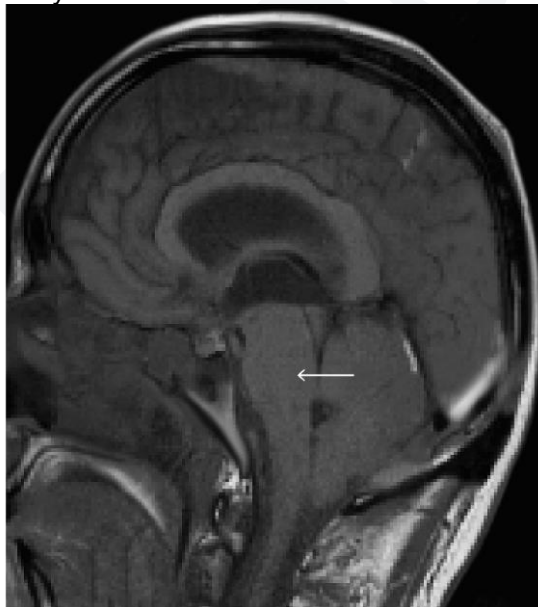
Ques No: 67, QuesID : 793128

Subject: Anatomy

Topic: Neuro Anatomy

Sub-Topic:

Identify the structure marked below.



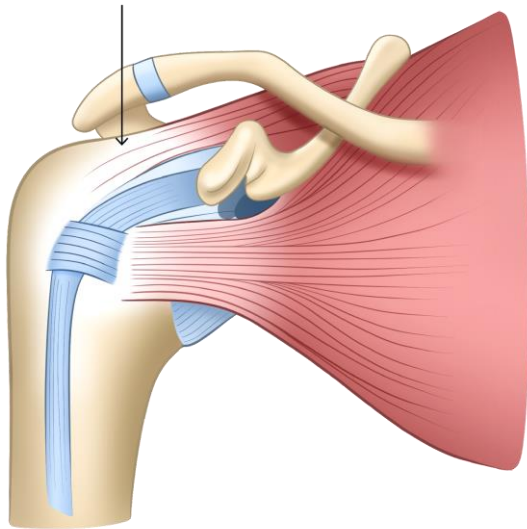
O1:



Midbrain
O2: Pons
O3: Medulla oblongata
O4: Spinal cord
Ans: 2

<p>Ques No: 68, QuesID : 793129</p> <p>Subject: Anatomy</p> <p>Topic: Head and Neck</p> <p>Sub-Topic:</p> <p>A patient underwent a left submandibular gland excision during which the hypoglossal nerve was injured. Which of the following deficits would be seen in this case?</p>
O1: Deviated tongue to the contralateral side
O2: Deviated tongue to the same side
O3: Inability to protrude tongue
O4: Loss of taste in posterior 1/3rd of the tongue
Ans: 2

<p>Ques No: 69, QuesID : 793130</p> <p>Subject: Anatomy</p> <p>Topic: Upper Limb</p> <p>Sub-Topic:</p> <p>State the action of the muscle marked in the given image</p>



O1:
Retraction of scapula

O2:
Protraction of scapula

O3:
Abduction of shoulder joint

O4:
Adduction of shoulder joint

Ans: 3

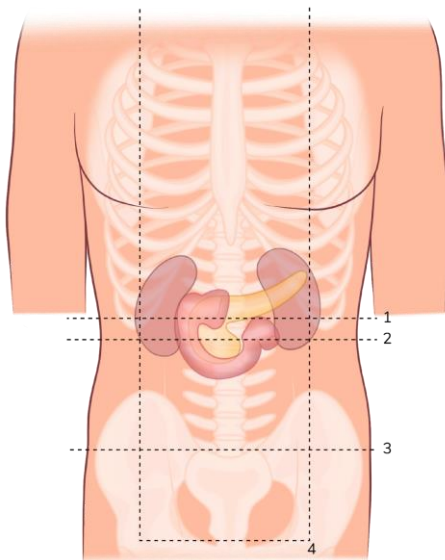
Ques No: 70, QuesID : 793131

Subject: Anatomy

Topic: Abdomen

Sub-Topic:

What is the vertebral level of the abdominal plane labelled 2?



O1:

Lower border of L1

O2:

Upper border of L1

O3:

Upper border of L3

O4:

Lower border of L4

Ans: 3

Ques No: 71, QuesID : 793134

Subject: Anatomy

Topic: Upper Limb

Sub-Topic:

Which among the following aids in supination and pronation of the forearm?

O1:

Pivot joint

O2:

Saddle joint

O3:

Ellipsoid joint

O4:

Ball and socket joint

Ans: 1

Ques No: 72, QuesID : 793138

Subject: Anatomy



Topic: Head and Neck

Sub-Topic:

Infer the extent of the thyroid gland from the given image.



O1:

B to D

O2:

A to C

O3:

A to D

O4:

C to D

Ans: 3

Ques No: 73, QuesID : 793142

Subject: Anatomy

Topic: Neuro Anatomy

Sub-Topic:

A woman presented with sudden onset of dysphagia, dysarthria, and gait ataxia. MRI revealed an acute infarct in the right dorsolateral medulla. What is the likely diagnosis?

O1:

Dejerine's anterior bulbar syndrome

O2:

Wallenberg syndrome

O3:

Babinski-Nageotte syndrome

O4:

Weber syndrome



Ans: 2

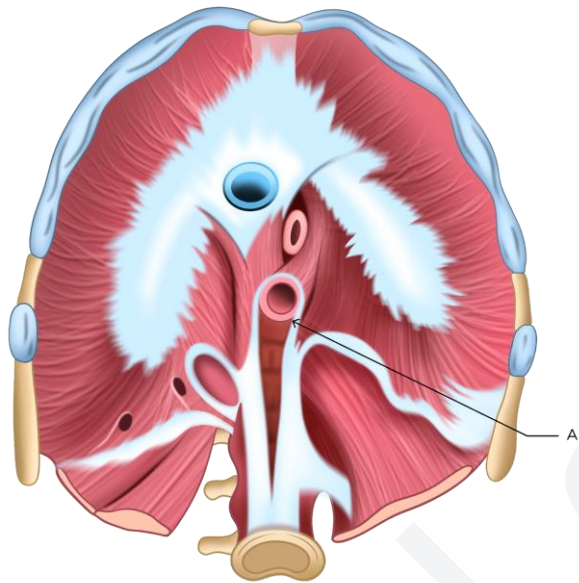
Ques No: 74, QuesID : 793144

Subject: Anatomy

Topic: Thorax

Sub-Topic:

The image shows the cross-section of the abdominal cavity. Identify the structure marked 'A.'



O1:

Descending aorta

O2:

Superior vena cava

O3:

Inferior vena cava

O4:

Ascending aorta

Ans: 1

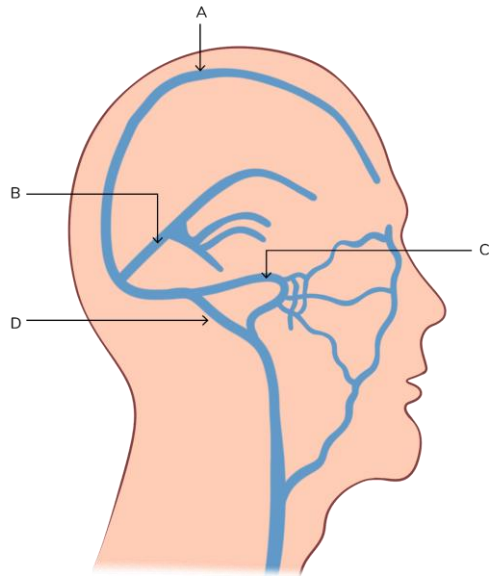
Ques No: 75, QuesID : 793147

Subject: Anatomy

Topic: Head and Neck

Sub-Topic:

Which of the following dural venous sinuses receives the great cerebral vein of Galen as its tributary?



O1:

A

O2:

B

O3:

C

O4:

D

Ans: 2

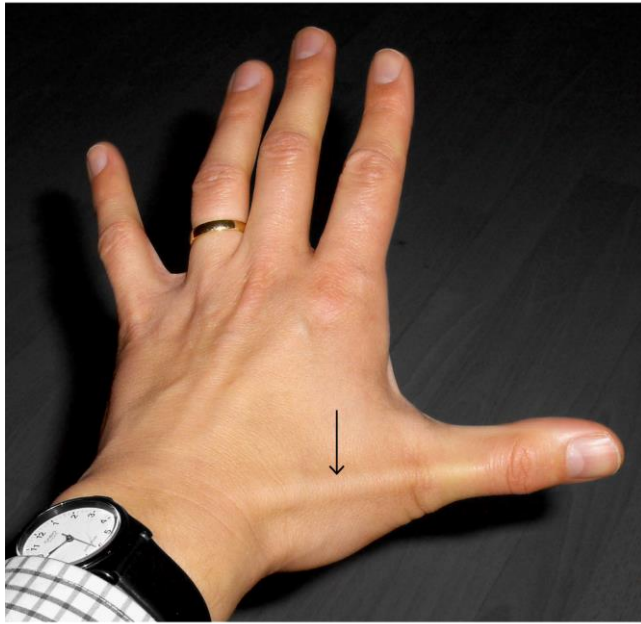
Ques No: 76, QuesID : 793151

Subject: Anatomy

Topic: Upper Limb

Sub-Topic:

Identify the anatomical structure marked in the given image.



O1:
Abductor pollicis brevis

O2:
Extensor pollicis brevis

O3:
Abductor pollicis longus

O4:
Extensor pollicis longus

Ans: 4

Ques No: 77, QuesID : 793152

Subject: Anatomy

Topic: Lower Limb

Sub-Topic:

Which of the following arteries is palpated in the image shown below?



O1:

Anterior tibial artery

O2:

Posterior tibial artery

O3:

Dorsalis pedis artery

O4:

Popliteal artery

Ans: 2

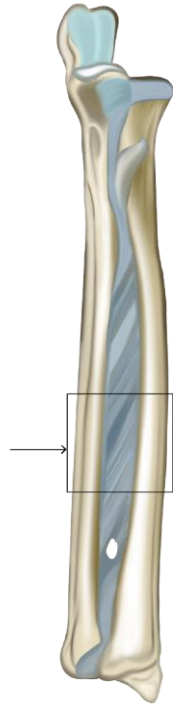
Ques No: 78, QuesID : 793154

Subject: Anatomy

Topic: Upper Limb

Sub-Topic:

Identify the type of joint shown in the given image.



O1:
Symphysis

O2:
Syndesmosis

O3:
Synchondrosis

O4:
Synostosis

Ans: 2

Ques No: 79, QuesID : 793159

Subject: Anatomy

Topic: Thorax

Sub-Topic:

A man is brought to the emergency department after falling from a height with his hand outstretched. X-ray shows a clavicular fracture. Which part of the clavicle is most likely to be fractured?

O1:
Junction of medial 2/3rd and lateral 1/3rd

O2:
Junction of medial 1/3rd and lateral 2/3rd

O3:
Junction of middle 1/3rd and medial 1/3rd

O4:
Middle of the clavicle



Ans: 1

Ques No: 80, QuesID : 793160

Subject: Anatomy

Topic: Abdomen

Sub-Topic:

To what level of vertebrae does the marked structure correspond?



O1:

At the junction of L1 & L2

O2:

At the junction of L2 & L3

O3:

At the junction of T12 & L1

O4:

At the junction of L3 & L4

Ans: 4

Ques No: 81, QuesID : 793166

Subject: Anatomy

Topic: Head and Neck

Sub-Topic:

Name the dural venous arrow marked in the radiograph.



O1:
Straight sinus

O2:
Superior sagittal sinus

O3:
Inferior sagittal sinus

O4:
Confluence of sinuses

Ans: 1

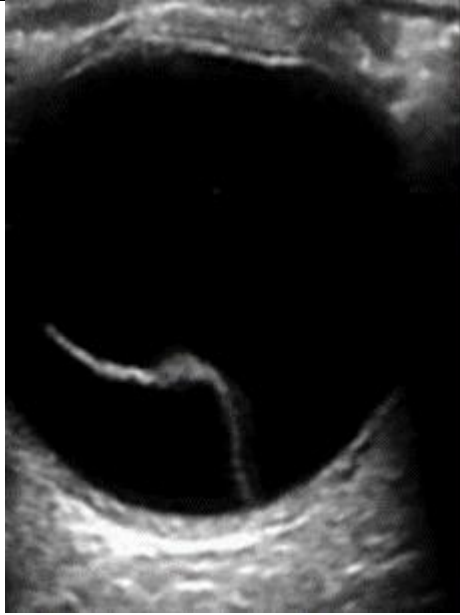
Ques No: 82, QuesID : 793050

Subject: Ophthalmology

Topic: Retina

Sub-Topic:

A 61-year-old university professor presents with a loss of vision in his left eye. He describes the sensation as a curtain being drawn over his affected eye. In addition, 7 days ago the patient noticed what he described as flashing lights and floaters. He gives a history of having cataract surgery in the same eye 3 weeks ago. A B-scan image of his left eye is shown below. What could be his condition?



O1:
Glaucoma

O2:
Retinal tumor

O3:
Retinal detachment

O4:
Corneal ulcer

Ans: 3

Ques No: 83, QuesID : 793354

Subject: Ophthalmology

Topic: Retina

Sub-Topic:

A 3-year-old boy has been observed by his parents to be increasingly clumsy for the past 6 months. On physical examination, there is a cauliflower-like growth in the left eye alongside leukocoria and an absent red reflex. A diagnosis was made and enucleation was done. The microscopic appearance of the specimen shows Flexner-Wintersteiner rosettes. What is the most likely diagnosis?

O1:
Retinoblastoma

O2:
Neurofibroma

O3:
Malignant melanoma

O4:
Toxocara infestation

Ans: 1



Ques No: 84, QuesID : 793355

Subject: Ophthalmology

Topic: Introduction to Ophthalmology

Sub-Topic:

Which of the following combination of cylindrical lenses can be used to treat with the rule astigmatism?

O1:

+5.00 DC x 180, -3.00 DC x 90

O2:

+7.00 DC x 180, +5.00 DC x 90

O3:

-4.00 DC x 180, -5.00 DC x 90

O4:

-3.00 DC x 180, +1.00 DC x 90

Ans: 4

Ques No: 85, QuesID : 793357

Subject: Ophthalmology

Topic: Ocular Injuries

Sub-Topic:

A young boy suffers trauma to his right eye and develops monocular diplopia. What is the most likely cause for his symptom?

O1:

Festooned pupil

O2:

Iris bombe

O3:

Iridodonesis

O4:

Iridodialysis

Ans: 4

Ques No: 86, QuesID : 793358

Subject: Surgery

Topic: General Surgery

Sub-Topic:

What is the ideal time and method of removing hair before surgery to avoid surgical site infection?

O1:

On the OT table with electric hair clippers

O2:



With a razor 24 hours before surgery

O3:

With a hair removal cream on the previous day

O4:

On the OT table with a razor

Ans: 1

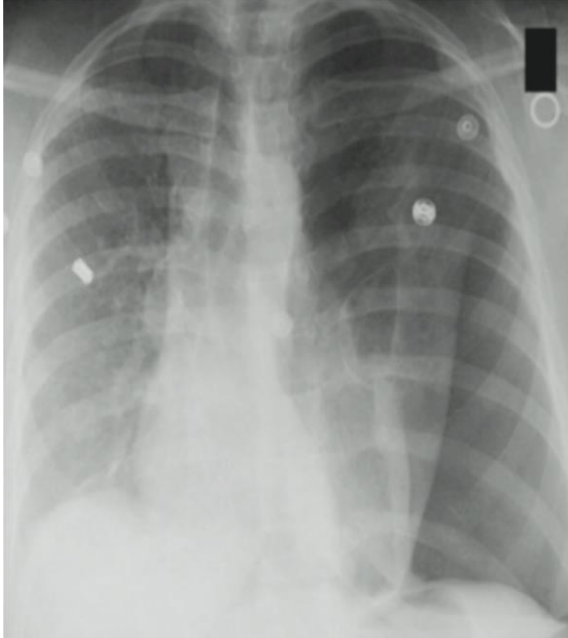
Ques No: 87, QuesID : 793363

Subject: Surgery

Topic: General Surgery

Sub-Topic:

A patient is brought to the casualty following a road traffic accident. The patient is in respiratory distress and has visibly dilated neck veins. A large amount of air was noted on the left side in the x-ray, as shown below. What is the next best step of management?



O1:

Wide bore needle insertion in the 5th intercostal space

O2:

Endotracheal intubation

O3:

Tracheostomy

O4:

Pericardiocentesis

Ans: 1

Ques No: 88, QuesID : 793366

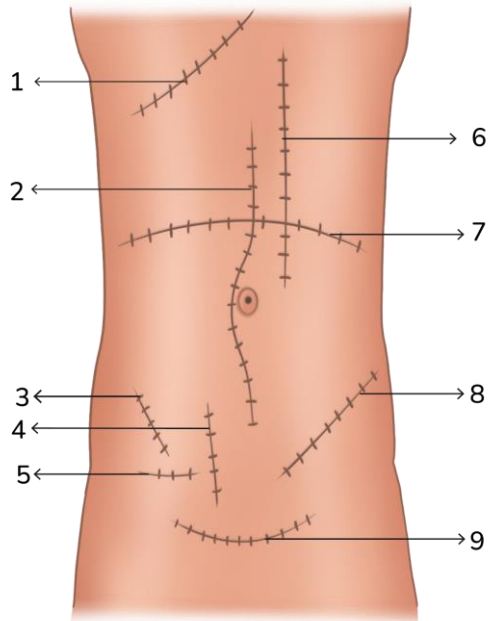
Subject: Surgery

Topic: Gastrointestinal Surgery



Sub-Topic:

A 23-year-old male had acute appendicitis 3 days ago and presented to the surgery department with abdominal pain and tenderness. Which of the following incisions would be appropriate for this condition?



O1:

1

O2:

2

O3:

3

O4:

5

Ans: 3

Ques No: 89, QuesID : 793361

Subject: Biochemistry

Topic: Vitamins

Sub-Topic:

A 34-year-old male was on maize as a staple diet for a prolonged period. He was presented with diarrhoea and lesions over his neck as shown in the image below. The condition occurs due to deficiency of:



O1:
Niacin

O2:
Zinc

O3:
Thiamine

O4:
Iron

Ans: 1

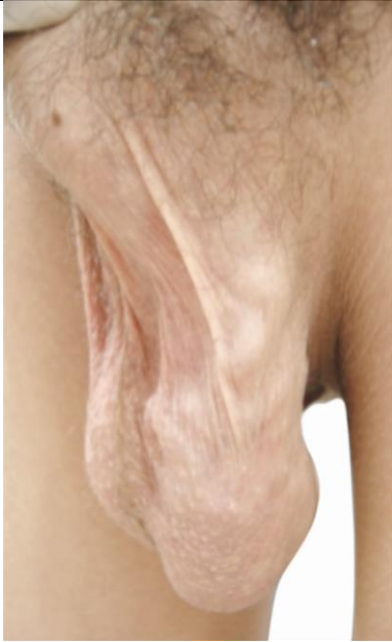
Ques No: 90, QuesID : 793368

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 worm's sensation was felt. What is the most likely diagnosis?



O1:

Hydrocele

O2:

Varicocele

O3:

Testicular torsion

O4:

Epididymo Orchitis

Ans: 2

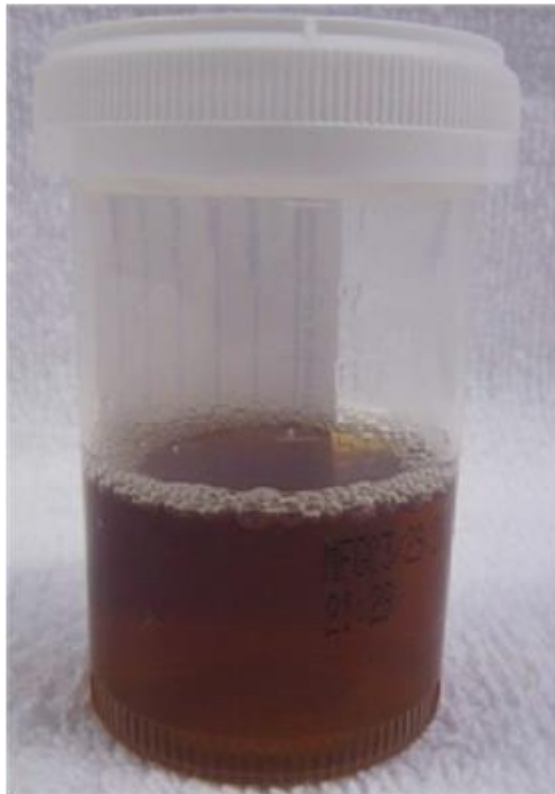
Ques No: 91, QuesID : 793373

Subject: Biochemistry

Topic: Amino Acid and Protein Metabolism

Sub-Topic:

The lab technician notices a urine sample from a 4-year-old male that was normal on collection but turns into the colour shown in the image after a few hours. It further darkened over the next few hours. Deficiency of which of the following can cause this condition?



O1:

Beta-carotene

O2:

Tyrosine aminotransferase

O3:

L-ascorbic acid

O4:

Homogentisic acid oxidase

Ans: 4

Ques No: 92, QuesID : 793381

Subject: Biochemistry

Topic: Oxidative Phosphorylation

Sub-Topic:

Complex IV is inhibited by?

O1:

Rotenone

O2:

Cyanide

O3:

Carboxin

O4:



Antimycin A

Ans: 2

Ques No: 93, QuesID : 793370

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

Which of the following CT findings is not an indication to perform angiography in a splenic trauma patient under conservative management?

O1:

Subcapsular hematoma covering 40% surface area.

O2:

Significant hemoperitoneum

O3:

Presence of pseudoaneurysm

O4:

Contrast extravasation

Ans: 1

Ques No: 94, QuesID : 793383

Subject: Biochemistry

Topic: Enzymes

Sub-Topic:

Which of the following is true regarding the Michaelis-Menten graph?

O1:

K_m is directly proportional to substrate concentration

O2:

K_m is directly proportional to enzyme concentration

O3:

K_m is indirectly proportional to substrate concentration

O4:

K_m has no relation to substrate concentration

Ans: 1

Ques No: 95, QuesID : 793389

Subject: Biochemistry

Topic: Enzymes

Sub-Topic:

Testosterone is converted to which of the following hormones by aromatase enzyme?

O1:

5-hydroxy testosterone

O2:

Estradiol



O3:

Cortisol

O4:

Cortisone

Ans: 2

Ques No: 96, QuesID : 793377

Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

Five days after a common bile duct injury, there is a leak, and the patient presents with fever and abdominal pain. What will be the next line of management?

O1:

Ultrasound-guided aspiration

O2:

Endoscopic retrograde cholangiopancreatography (ERCP) and stenting

O3:

Re-exploration and hepaticojejunostomy

O4:

Re-exploration and primary repair

Ans: 1

Ques No: 97, QuesID : 793385

Subject: Surgery

Topic: General Surgery

Sub-Topic:

A patient sustained a crush injury on their right arm as depicted in the given image. He was taken to the hospital and on examination, his arm was pulseless, swollen and dark red. What would be the best way to manage this case?



O1:

Intraosseous administration of fluids

O2:

Acidification of urine



O3:

Fasciotomy

O4:

Hemodialysis

Ans: 3

Ques No: 98, QuesID : 793392

Subject: Biochemistry

Topic: Carbohydrate Metabolism

Sub-Topic:

In a fasting state, glucagon promotes the production of glucose by which of the following pathways?

O1:

Glycolysis and gluconeogenesis

O2:

Gluconeogenesis and glycogenolysis

O3:

Glycogenesis and gluconeogenesis

O4:

Only gluconeogenesis

Ans: 2

Ques No: 99, QuesID : 793397

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 45-year-old alcoholic with a history of binge drinking presents with an episode of vomiting bright red blood. His vitals are stable. What is the probable diagnosis here?

O1:

Tension pneumothorax

O2:

Boerhaave syndrome

O3:

Mallory Weiss Tear

O4:

Gastric ulcer perforation

Ans: 3

Ques No: 100, QuesID : 793399

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 50-year-old chronic alcoholic with a history of chronic liver disease presents to the



emergency department with massive, sudden onset hematemesis. Which of the following is the most likely cause?

O1:

Mallory Weiss tear

O2:

Bleeding esophageal varices

O3:

Boerhaave's syndrome

O4:

Perforated ulcer

Ans: 2

Ques No: 101, QuesID : 793402

Subject: Surgery

Topic: General Surgery

Sub-Topic:

A 30-year-old lactating mother presents with pain in her left breast and a fever. On examination, the left breast appears as shown in the image below. There is mild axillary lymphadenopathy on the affected side and the contralateral breast is normal. Repeated aspirations under antibiotic cover were unsuccessful. A USG done showed fluid collection. What is the next best step in the management of this patient?



O1:

Incision and drainage

O2:

Broad spectrum antibiotics only

O3:

Breast conservation surgery

O4:



Punch biopsy

Ans: 1

Ques No: 102, QuesID : 793394

Subject: Dermatology

Topic: Introduction to Dermatology

Sub-Topic:

Which of the following is the causative agent for acne fulminans?

O1:

Actinomyces

O2:

Propionibacterium

O3:

Mobiluncus

O4:

Bifidobacterium

Ans: 2

Ques No: 103, QuesID : 793406

Subject: Surgery

Topic: General Surgery

Sub-Topic:

A woman who sustained third and fourth degree burns on her back has been brought to you. What would be the order of sequence in her management?

O1:

Resuscitation – reconstruction – debridement

O2:

Resuscitation – debridement – allograft or autograft

O3:

Debridement – resuscitation – autograft

O4:

Debridement – reconstruction – resuscitation

Ans: 2

Ques No: 104, QuesID : 793411

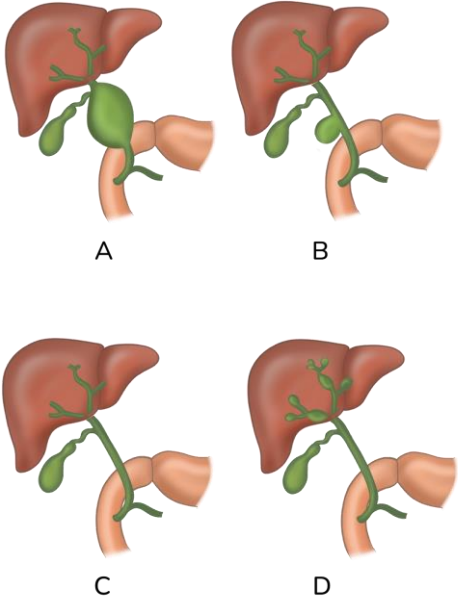
Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

Which of the following represents type III choledochal cyst from the given image?



 <div>A B C D</div>	
O1: B	
O2: A	
O3: D	
O4: C	
Ans: 4	

Ques No: 105,QuesID : 793415

Subject: Anaesthesia

Topic: Pre-Anaesthetic Evaluation

Sub-Topic:

The correct preoperative fasting recommendation is ____

O1:

a.4 hours for solids in adults

O2:

2 hours for liquids in adults

O3:

c.2 hours for breast milk in infants

O4:

4 hours for solids in infants

Ans: 2

Ques No: 106,QuesID : 793417



Subject: Surgery

Topic: Urology

Sub-Topic:

Which of the following are storage symptoms of benign prostatic hyperplasia?

1. Urgency
2. Enuresis
3. Hesitancy
4. Frequency
5. Dribbling

O1:

1, 3, 4

O2:

2 and 5

O3:

1, 2, 4, 5

O4:

1, 2, 4

Ans: 4

Ques No: 107, QuesID : 793425

Subject: Surgery

Topic: General Surgery

Sub-Topic:

Which of the following has the least risk of developing invasive ductal carcinoma?

O1:

Florid epithelial hyperplasia

O2:

Papilloma with fibrovascular core

O3:

Atypical hyperplasia

O4:

Squamous metaplasia

Ans: 4

Ques No: 108, QuesID : 793427

Subject: Anaesthesia

Topic: Anesthesia Circuits

Sub-Topic:

You notice this specialized vaporizer being used in the OT. Which of the following gasses would you expect it to contain?



O1:
a.Desflurane

O2:
b.Sevoflurane

O3:
c.Halothane

O4:
Isoflurane

Ans: 1

Ques No: 109,QuesID : 793404

Subject: Dermatology

Topic: Pigmentary Disorders

Sub-Topic:

A 30-year-old pregnant female presents to dermatology OPD with the given condition. What is the likely diagnosis?



O1:
Systemic lupus erythematosus

O2:
Melasma

O3:
Rosacea

O4:
Chloasma

Ans: 4

Ques No: 110, QuesID : 793435

Subject: Surgery

Topic: Urology

Sub-Topic:

10 months old male baby presented with an empty scrotum. Ultrasonography revealed that the right testis was found in the right inguinal canal, while the left testis was found in the perineum. Comment on the diagnosis of this baby.

O1:
Bilateral undescended testis

O2:
Bilateral ectopic testis

O3:
Right side undescended testis and left sided ectopic testis

O4:
Right side ectopic testis and left side undescended testis

Ans: 3

Ques No: 111, QuesID : 793414

Subject: Dermatology



Topic: Viral Infections

Sub-Topic:

Koebner's phenomenon is seen in all of the following, except?

O1:

Vitiligo

O2:

Psoriasis

O3:

Lichen planus

O4:

Herpes

Ans: 4

Ques No: 112, QuesID : 793445

Subject: Dermatology

Topic: Papulosquamous Disorders

Sub-Topic:

Identify the type of psoriasis in the given picture.



O1:

Guttate

O2:

Erythrodermic

O3:

Pustular

O4:

Inverse

Ans: 1

Ques No: 113, QuesID : 793429

Subject: Anaesthesia

Topic: Neuromuscular Blockade



Sub-Topic:

3. Which of the following is the best method to assess the degree of muscle relaxation?

O1:

a.Tetanic stimulation

O2:

b.Double-burst stimulation

O3:

c.Train of four

O4:

Electromyography

Ans: 3

Ques No: 114,QuesID : 793433

Subject: Psychiatry

Topic: Substance-Related and Addictive Disorders

Sub-Topic:

A chronic smoker wants to quit smoking. Which of the following drugs would help him with his goal?

O1:

Bupropion

O2:

Mirtazapine

O3:

Varenicline

O4:

Both a and c

Ans: 4

Ques No: 115,QuesID : 793447

Subject: Dermatology

Topic: Pigmentary Disorders

Sub-Topic:

What is used to diagnose the condition given in the below image?



O1:

Culture

O2:

Wood's lamp examination

O3:

Gram staining

O4:

Patch test

Ans: 2

Ques No: 116, QuesID : 793440

Subject: Surgery

Topic: Plastic Surgery

Sub-Topic:

Split-thickness skin graft for wound closure on the thigh includes:

O1:

Epidermis and full dermis

O2:

Epidermis and variable part of the dermis

O3:

Epidermis, dermis, and fat

O4:

Epidermis only

Ans: 2

Ques No: 117, QuesID : 793442

Subject: Anaesthesia



Topic: Cardiopulmonary Cerebral Resuscitation

Sub-Topic:

4. A young male patient was brought to the emergency department in an unconscious state after having collapsed at a railway station. As there was no pulse felt, cardiopulmonary resuscitation was started, and the monitor showed ventricular fibrillation. Immediate defibrillation was performed. What is the next step?

O1:

a. Check for a pulse

O2:

b. Resume chest compressions

O3:

c. Epinephrine 1 mg IV

O4:

d. Amiodarone 300 mg IV bolus

Ans: 2

Ques No: 118, QuesID : 793451

Subject: Dermatology

Topic: Miscellaneous Disorders

Sub-Topic:

A 26-year-old male presented with a skin lesion as shown below. Biopsy shows hyperkeratosis. What is the most likely diagnosis?



O1:

Atopic dermatitis

O2:

Psoriasis

O3:

Pemphigus vulgaris

O4:

Pemphigus foliaceus

Ans: 2

Ques No: 119, QuesID : 793438

Subject: Psychiatry

Topic: Personality Disorders

Sub-Topic:



A 39-year-old man reported that he washes his hands 15-20 times a day, to the point of it taking a toll on his workplace performance. He says this is due to repetitive thoughts that his hands are contaminated with dirt. What is the most probable diagnosis in this case?

O1:

Bipolar disorder

O2:

Obsessive compulsive disorder

O3:

Schizophrenia

O4:

Mania

Ans: 2

Ques No: 120, QuesID : 793453

Subject: Anaesthesia

Topic: Oxygen Therapy

Sub-Topic:

A known case of asthmatic bronchitis was reported to the hospital with breathlessness, palpitations, and oxygen saturation of 88%. The hospital does not have a ventilator. All the following can be given to the patient, except?

O1:

a. Hydrocortisone

O2:

Theophylline

O3:

c. Oxygen with oxygen mask, and reservoir

O4:

d. Leukotriene antagonist

Ans: 3

Ques No: 121, QuesID : 793458

Subject: Biochemistry

Topic: Heme Synthesis

Sub-Topic:

Which of the following is the most abundant plasma protein?

O1:

Bence Jones protein

O2:

Globulin

O3:

Fibrinogen

O4:

Albumin

Ans: 4



Ques No: 122, QuesID : 793465

Subject: Biochemistry

Topic: Biochemistry

Sub-Topic:

8. A patient presented to the OPD with complaints of abdominal pain and diarrhoea. On further evaluation, the patient was found to have cutaneous flushing, extensive wheeze, and tricuspid insufficiency. Contrast enhanced MRI revealed the presence of endocardial fibrosis. Which of the following substances will be excreted excessively in this patient?

O1:

Vanillylmandelic acid

O2:

Imidazoleacetic acid

O3:

5-hydroxy indole acetic acid

O4:

Choline

Ans: 3

Ques No: 123, QuesID : 793467

Subject: Biochemistry

Topic: Enzymes

Sub-Topic:

Which of the following is most likely to be released from the hypothalamus?

O1:

Hexokinase I

O2:

Hexokinase II

O3:

Hexokinase III

O4:

Hexokinase IV

Ans: 1

Ques No: 124, QuesID : 793456

Subject: Psychiatry

Topic: Mood Disorders

Sub-Topic:

Lithium usage in pregnancy can lead to which of the following teratogenic effects?

O1:

Cardiac defects

O2:

Facial defects



O3:

CNS defects

O4:

Urogenital defects

Ans: 1

Ques No: 125, QuesID : 793470

Subject: Biochemistry

Topic: Heme Synthesis

Sub-Topic:

A middle-aged man on workup is found to be suffering from a rare form of pyruvate dehydrogenase deficiency for which he has developed high anion gap metabolic acidosis. Which of the following is the best dietary advice for the patient?

O1:

High protein and low carbohydrate intake

O2:

High carbohydrate and low fat intake

O3:

High fat and low carbohydrate intake

O4:

Only carbohydrate intake henceforth

Ans: 3

Ques No: 126, QuesID : 793475

Subject: Biochemistry

Topic: Lipid Metabolism

Sub-Topic:

A tall obese person, who is known hypertensive, was recently diagnosed with metabolic syndrome on routine workup. Which of the following is most likely to be found in this patient?

O1:

Increase in uric acid and insulin

O2:

Raised blood pressure and insulin

O3:

Increase in triglycerides and total cholesterol

O4:

Raised blood sugar and insulin

Ans: 3

Ques No: 127, QuesID : 793449

Subject: Surgery

Topic: General Surgery

Sub-Topic:



A 30-year-old female patient presents with the complaint of a palpable painless mass in the left breast. On examination, the mass was highly mobile, measured 3 x 3 cm, and was rubbery in consistency. What is the most likely diagnosis?

O1:

Breast abscess

O2:

Phyllodes tumor

O3:

Fibroadenoma

O4:

Invasive ductal carcinoma

Ans: 3

Ques No: 128, QuesID : 793482

Subject: Surgery

Topic: General Surgery

Sub-Topic:

A 50-year-old diabetic man presents with a progressive increase in pain in his calf, initially after walking 400 m and later 200m over the last 6 months. He now prefers to sleep in a seated position by hanging his leg to alleviate pain. Which of the following is the most likely cause?

O1:

Rest pain

O2:

Sciatica

O3:

Neurological claudication

O4:

Venous claudication

Ans: 1

Ques No: 129, QuesID : 793485

Subject: Surgery

Topic: Cardiothoracic Vascular Surgery

Sub-Topic:

Which of the following provides long-lasting results in a coronary artery bypass graft (CABG)?

O1:

Long saphenous vein

O2:

Internal mammary artery

O3:

Poly tetra fluoro ethylene (PTFE)

O4:

Gastroepiploic artery



Ans: 2

Ques No: 130, QuesID : 793487

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 3-day old neonate presents abdominal distension and bilious vomiting. Among the following, which is the most appropriate investigation to diagnose the condition?

O1:

Barium swallow

O2:

Barium meal

O3:

Barium meal follow through

O4:

CECT abdomen

Ans: 4

Ques No: 131, QuesID : 793463

Subject: Psychiatry

Topic: Mood Disorders

Sub-Topic:

A young male patient, who has a family history of bipolar disorder on his paternal side, has come to your OPD with 3 episodes of mania. Which of the following mood stabilizers can be given to him as the most effective treatment?

O1:

Valproate

O2:

Lamotrigine

O3:

Olanzapine

O4:

Lithium

Ans: 4

Ques No: 132, QuesID : 793490

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

Identify the pathology in the given radiograph of a newborn.



O1:

Meningocele

O2:

Imperforate anus

O3:

Congenital megacolon

O4:

Pyloric stenosis

Ans: 2

Ques No: 133, QuesID : 793492

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

Identify the investigation and the lesion depicted in the image given below.



O1:
Retrograde cystourethrogram with membranous urethra stricture

O2:
Retrograde cystourethrogram with penile urethral stricture

O3:
Micturating cystourethrogram with bulbar stricture

O4:
Micturating cystourethrogram with psoriatic urethra stricture

Ans: 2

Ques No: 134, QuesID : 793499

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

Which of the following is the best investigation to establish a diagnosis of GERD?

O1:
24 hours ambulatory pH monitoring

O2:
Upper GI endoscopy

O3:
CECT

O4:
MRI

Ans: 1



Ques No: 135, QuesID : 793480

Subject: Psychiatry

Topic: Neurotic, Stress-Related and Somatoform Disorders

Sub-Topic:

A patient present in the ward when asked, "what is your name?" repeats the same sentence back to you. What is this phenomenon called?

O1:

Coprolalia

O2:

Echopraxia

O3:

Copropraxia

O4:

Echolalia

Ans: 4

Ques No: 136, QuesID : 793502

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 42-year-old alcoholic and a chronic smoker presented with bouts of vomiting and stabbing pain in the epigastrium. He was binge drinking shortly before the symptoms started. He is febrile and tachycardic. The given findings were seen on bedside radiological imaging. Which among the following is a likely cause of this?



O1:

Tension pneumothorax

O2:



Peptic ulcer perforation

O3:

Boerhaave syndrome

O4:

Mallory Weiss tear

Ans: 2

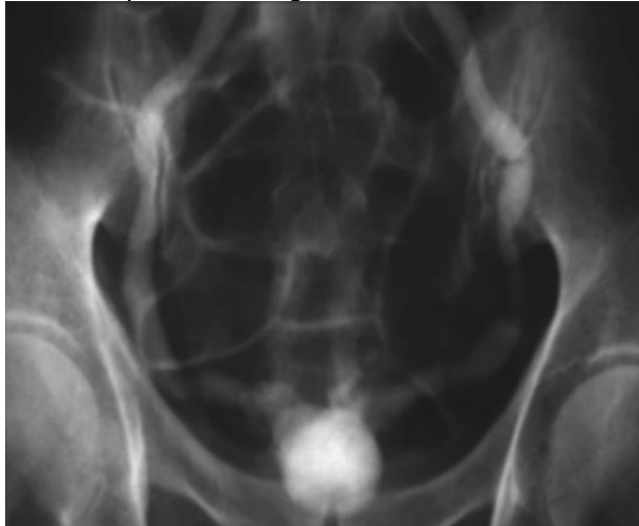
Ques No: 137, QuesID : 793507

Subject: Surgery

Topic: Urology

Sub-Topic:

A patient presented to the hospital with a history of increased frequency of micturition. On cystoscopy, a pale ureteric orifice was seen. The patient's KUB x-ray is given below. What is the most probable diagnosis?



O1:

Bladder carcinoma

O2:

Schistosomiasis

O3:

Bladder tuberculosis

O4:

Papilloma of urinary bladder

Ans: 3

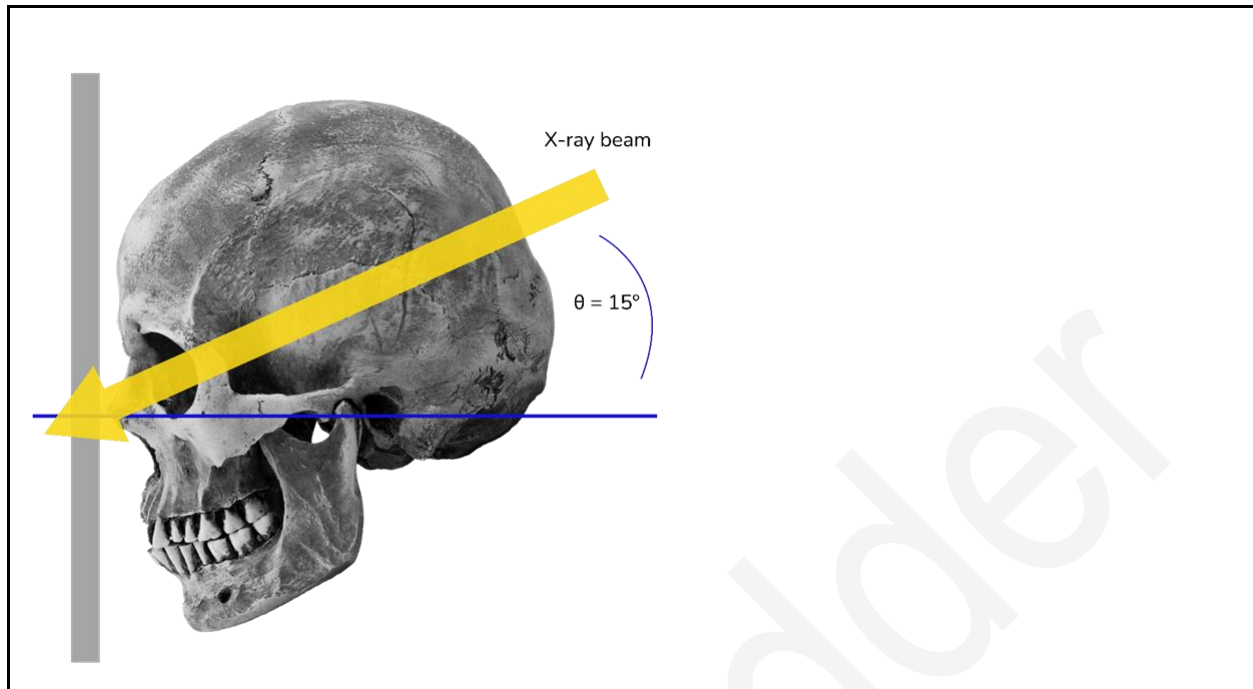
Ques No: 138, QuesID : 793460

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

What is this view called in which frontal sinus is seen best?



O1:
Caldwell's view

O2:
b.Towne's view

O3:
c.Law's view

O4:
d.Stenvers view

Ans: 1

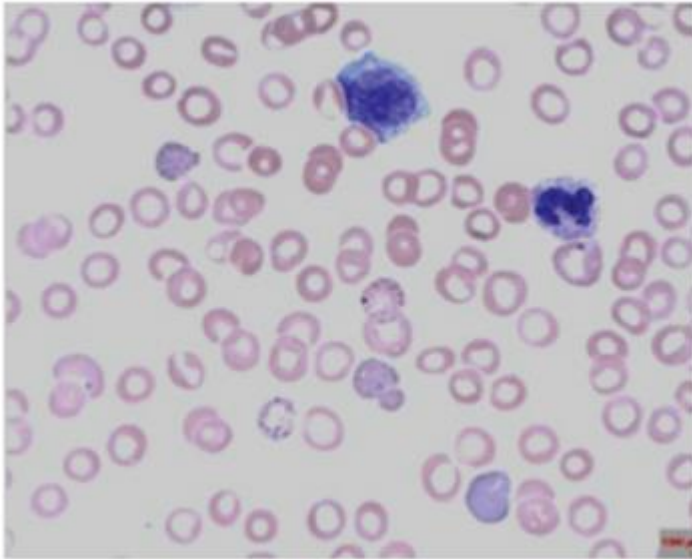
Ques No: 139,QuesID : 793477

Subject: Forensic Medicine

Topic: Forensic Toxicology

Sub-Topic:

Which of the following diagnoses give the hematological picture as given below?



O1:
Minamata disease

O2:
Saturnism

O3:
Chronic iron toxicity

O4:
Arsenic poisoning

Ans: 2

Ques No: 140, QuesID : 793512

Subject: Surgery

Topic: Urology

Sub-Topic:

A 77-year-old man presented with worsening hip and back pain. He also reports weight loss and loss of appetite. His PSA levels are elevated. What is the most likely diagnosis here?



O1:
Ankylosing spondylitis

O2:
Osteosarcoma

O3:
Osteoclastoma

O4:
Prostate cancer

Ans: 4

Ques No: 141, QuesID : 793518

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

Which of the following is the most common deficiency observed after gastric bypass /bariatric surgery?

O1:
Iron

O2:
Copper

O3:
Zinc

O4:
Calcium

Ans: 1



Ques No: 142, QuesID : 793528

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

An elderly man underwent Roux-en-Y gastric bypass surgery for obesity. He now presents to his physician with complaints of dizziness, fatigue, and tremors 2 hours after the ingestion of a carbohydrate-rich meal. His symptoms occur mainly due to

- Hypoglycemia
- Small volume of food intake
- High osmotic load of food
- Increased release of insulin
- Increased release of glucagon

O1:

1, 2, and 5

O2:

1, 3, and 5

O3:

1 and 4

O4:

3 and 5

Ans: 3

Ques No: 143, QuesID : 793472

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

2. An elderly diabetic female patient presented with a black, foul-smelling discharge from the nose. On examination, a blackish necrotic mass filled the nasal cavity and eroded the septum and hard palate. What is the most probable diagnosis?

O1:

a. Aspergillosis

O2:

b. Mucormycosis

O3:

c. Foreign body

O4:

d. Rhinosporidiosis

Ans: 2

Ques No: 144, QuesID : 793531

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A young adult with gastric outlet obstruction presents with vomiting. Which of the following



fluids is preferred in this patient?

O1:

Normal saline

O2:

Ringer lactate

O3:

5% dextrose in water

O4:

20% dextrose in water

Ans: 1

Ques No: 145, QuesID : 793515

Subject: Forensic Medicine

Topic: Forensic Toxicology

Sub-Topic:

A 23-year-old farm worker from a remote village was brought to the hospital 8 hours later, following a snake bite at 5 in the morning. The patient complained of headache, blurred vision, tingling sensation around the mouth, dizziness, and vertigo and had multiple episodes of vomiting since the bite. He has signs of respiratory depression and bradycardia (HR<50). The local wound showed mild swelling and blistering. There are no apparent bleeding manifestations. He was administered 10 vials of antivenom. Which of the following is the subsequent step of management?

O1:

Check the blood coagulation profile

O2:

Neostigmine with atropine

O3:

Epinephrine injection

O4:

I.V hydrocortisone

Ans: 2

Ques No: 146, QuesID : 793522

Subject: ENT

Topic: Ear

Sub-Topic:

3. A 60-year-old diabetic presented with severe pain in ear and otorrhoea not responding to antibiotics. On examination, granulation tissue is seen in EAC, facial nerve palsy was present. The likely diagnosis is-

O1:

Otomycosis

O2:

b.Serous otitis media

O3:



c.Malignant otitis externa

O4:

d.Eczematous otitis externa

Ans: 3

Ques No: 147,QuesID : 793525

Subject: Forensic Medicine

Topic: Sexual Jurisprudence

Sub-Topic:

A man regularly derives sexual gratification by inflicting pain upon his partner. He would often produce cuts and cigarette burns on his partner's arms. This is best described as.

O1:

Voyeurism

O2:

Fetishism

O3:

Sadism

O4:

Masochism

Ans: 3

Ques No: 148,QuesID : 793496

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

A 40-year-old female with no comorbidity's complaints of swelling in both her legs which was acute in onset. She also gives a history of loose stools. Her family members too have similar symptoms. On examination there were no signs of inflammation in both the legs. Detailed history revealed that mustard oil is a staple part of their diet. Which of the following substances is responsible for her condition?

O1:

Clavine alkaloids

O2:

Sanguinarine

O3:

BOAA

O4:

Pyrrolizidine alkaloids

Ans: 2

Ques No: 149,QuesID : 793536

Subject: Surgery

Topic: General Surgery

Sub-Topic:



GCS of a patient who had a road-traffic accident is 10. Using the GCS scoring system, the head injury of this patient is classified as:

O1:

Moderate traumatic brain injury

O2:

Severe traumatic brain injury

O3:

Minor traumatic brain injury

O4:

Mild traumatic brain injury

Ans: 1

Ques No: 150, QuesID : 793546

Subject: Forensic Medicine

Topic: Medical Jurisprudence

Sub-Topic:

As per the medical termination of pregnancy (amendment) Bill, 2020, induction of MTP in a mentally ill, rape victim is allowed until what age of gestation?

O1:

20 weeks

O2:

22 weeks

O3:

24 weeks

O4:

28 weeks

Ans: 3

Ques No: 151, QuesID : 793541

Subject: ENT

Topic: Ear

Sub-Topic:

A 35 year old male presented to the clinic with complaints of episodic vertigo, sense of ear pressure and fullness, decreased hearing, and a low-tone roaring tinnitus. What is the possible clinical diagnosis?

O1:

a. Meniere's disease

O2:

b. Benign paroxysmal positional vertigo

O3:

c. Labyrinthitis

O4:

Syncope



Ans: 1

Ques No: 152, QuesID : 793550

Subject: Forensic Medicine

Topic: Medical Jurisprudence

Sub-Topic:

You are working as an internal medicine consultant at a private clinic. A patient with chronic renal disease requiring hemodialysis is admitted under you. You advise diet and fluid control and keep him under observation. However, the patient progresses to take ayurvedic supplements and sometimes skips your instructions without disclosing it. His condition worsens and he develops difficulty in breathing. His attendant files a complaint in court alleging the negligence of the doctor. Which of the following acts as a defense for the doctor in court?

O1:

Vicarious liability

O2:

Res Ipsa loquitur

O3:

Therapeutic misadventure

O4:

Contributory negligence

Ans: 4

Ques No: 153, QuesID : 793548

Subject: ENT

Topic: Ear

Sub-Topic:

5. A primipara is being evaluated for hearing impairment which had worsened during her pregnancy. Rinne's test is negative in both ears and Weber's test is lateralized to the right side. On otoscopy, tympanic membranes appear normal. Audiometry shows a dip in BC at 2000 Hz. What is the treatment of choice for the above condition?

O1:

a. Sodium fluoride

O2:

b. Tympanoplasty

O3:

c. Stapedectomy

O4:

d. Stapedotomy

Ans: 4

Ques No: 154, QuesID : 793559

Subject: Forensic Medicine

Topic: Forensic Traumatology

Sub-Topic:



During the examination of a victim of assault, you notice a wound with ragged, irregular, and uneven margins with tears diverging at an angle from the end of the main wound and typical swallowtails. Bleeding from this wound is not significant and shows crushed blood vessels and hair bulbs. You would document this wound as a/an.

O1:

Incised wound

O2:

Chopped wound

O3:

Stab wound

O4:

Lacerated wound

Ans: 4

Ques No: 155, QuesID : 793561

Subject: ENT

Topic: Ear

Sub-Topic:

6. In which of the following conditions is bone Anchored hearing Aid (BAHA) used?

O1:

a. Sensorineural hearing loss

O2:

b. Acoustic neuroma

O3:

Congenital external auditory atresia

O4:

d. Otitis media

Ans: 3

Ques No: 156, QuesID : 793564

Subject: Forensic Medicine

Topic: Court of Law

Sub-Topic:

Which of the following statements does not apply during cross-examination in a court of law?

O1:

Witness is examined by the defense lawyer

O2:

Leading questions are not allowed

O3:

Objective of cross-examination is to weaken case of opponent

O4:

There is no time limit to cross examination

Ans: 2



Ques No: 157, QuesID : 793543

Subject: Surgery

Topic: Endocrine Surgery

Sub-Topic:

Signs and symptoms that cannot be explained by the anatomical distribution of a tumor and are due to hormones released from the tumor tissue is known as?

O1:

Pretumor syndrome

O2:

Paraneoplastic syndrome

O3:

Paratumour syndrome

O4:

Autocrine phenomenon

Ans: 2

Ques No: 158, QuesID : 793556

Subject: Surgery

Topic: Neurosurgery

Sub-Topic:

Which of the following is the next step in the management of an old patient who has undergone complete excision of glioblastoma?

O1:

Chemotherapy with Bevacizumab

O2:

No further management

O3:

Chemoradiation

O4:

Radiotherapy

Ans: 4

Ques No: 159, QuesID : 793570

Subject: Forensic Medicine

Topic: Traces of Evidences

Sub-Topic:

Which of the following tests is used to differentiate human blood from the blood of other species?

O1:

Teichman test

O2:



Precipitin test
O3: Barberio test
O4: Takayama test
Ans: 2

<p>Ques No: 160,QuesID : 793567 Subject: ENT Topic: Nose and Paranasal Sinuses Sub-Topic:</p> <p>7. A 60-year-old male presents with painless cervical lymphadenopathy. On examination, the right ear reveals conductive hearing loss with a dull tympanic membrane. Moreover, decreased mobility of the soft palate was also noted. What is the probable diagnosis?</p>
O1: a.Nasopharyngeal carcinoma
O2: Adenoid cystic cancer
O3: c.Juvenile nasopharyngeal angiofibroma
O4: d.Quinsy
Ans: 1

<p>Ques No: 161,QuesID : 793538 Subject: PSM Topic: Allied Health Disciplines Sub-Topic:</p> <p>Which of the following biomedical waste is disposed of in a yellow bag?</p>
O1: Blood bag
O2: Gloves
O3: Sharps
O4: Urine bag
Ans: 1

<p>Ques No: 162,QuesID : 793579 Subject: Forensic Medicine Topic: Forensic Traumatology Sub-Topic:</p>



Which of the following features aids in the differentiation of a true bruise from an artificial bruise?

O1:

Positive chemical tests

O2:

Progression of the color of bruise over time

O3:

Regular and well-defined margins

O4:

Presence of vesicles

Ans: 2

Ques No: 163, QuesID : 793586

Subject: Forensic Medicine

Topic: Forensic Toxicology

Sub-Topic:

A 28-year-old male is brought to the emergency room. On examination, his PR is 50 bpm, BP is 80/60 mmHg, RR is 7 breaths/min and his temperature is 95 F. He has a pinpoint pupil and is disoriented. What is the most probable diagnosis?

O1:

Benzodiazepine overdose

O2:

Cocaine intoxication

O3:

Opioid withdrawal

O4:

Opioid intoxication

Ans: 4

Ques No: 164, QuesID : 793572

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

8. Which of the following fungal infections is most commonly seen in the maxillary sinus?

O1:

a. Blastomycosis

O2:

b. Aspergillosis

O3:

c. Candidiasis

O4:

d. Histoplasmosis

Ans: 2



Ques No: 165, QuesID : 793554

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

Which amongst the following can be used to treat Kesari dal toxicity?

O1:

Sodium bicarbonate

O2:

Vitamin A

O3:

Vitamin C

O4:

IV immunoglobulin

Ans: 3

Ques No: 166, QuesID : 793588

Subject: ENT

Topic: Larynx

Sub-Topic:

9. A 4 year old boy presents with low-grade fever, inspiratory stridor, and barking cough for the past 5 days. Examination reveals a hoarse voice, a moderately inflamed pharynx, and a slightly increased respiratory rate. His chest x-ray showed subglottic narrowing appearing like a steeple. Which among the following is not indicated in the treatment of this condition?

O1:

a. Nebulized racemic epinephrine

O2:

b. Parenteral cefotaxime

O3:

c. Helium oxygen mixture

O4:

d. Intramuscular dexamethasone

Ans: 2

Ques No: 167, QuesID : 793606

Subject: ENT

Topic: Pharynx

Sub-Topic:

10. A 7 year old child post-tonsillectomy comes to you with complaints of snoring, palpitations, mouth breathing, and a slight decrease in hearing. On examination, you notice a high arched palate. His school performance has deteriorated as well. His mother is worried. What is the next line of management for this child?

O1:

a. Adenoidectomy

O2:



b. Myringoplasty

O3:

c. Adenoidectomy with grommet insertion

O4:

d. Conservative management

Ans: 3

Ques No: 168, QuesID : 793597

Subject: Pathology

Topic: Cell Injury

Sub-Topic:

1. Metastatic calcification occurs in all except—

O1:

Kidney

O2:

Fundus of the stomach

O3:

Pulmonary veins

O4:

Atheroma

Ans: 4

Ques No: 169, QuesID : 793600

Subject: PSM

Topic: Demography and Health

Sub-Topic:

Which of the following statements is true regarding the fifth stage of the demographic cycle?

O1:

Birth rate remains unchanged

O2:

Death rate increases

O3:

Demographic gap is positive

O4:

Birth rate falls below death rate

Ans: 4

Ques No: 170, QuesID : 793611

Subject: ENT

Topic: Ear

Sub-Topic:

You see a child with delayed speech development as part of a health visit at a local school. The otoscopic appearance of the ear is shown below. Hearing loss of 20 dB is detected in



audiometric tests. What is your diagnosis?



O1:

a.Acute suppurative otitis media

O2:

b.Serous otitis media

O3:

c.Chronic suppurative otitis media

O4:

Glomus tumor

Ans: 2

Ques No: 171,QuesID : 793609

Subject: PSM

Topic: Epidemiology

Sub-Topic:

Which of the following is used to estimate relative risk (RR)?

O1:

Case control study

O2:

Cohort study

O3:

Randomized controlled trial

O4:

Cross-sectional study

Ans: 2

Ques No: 172,QuesID : 793616

Subject: PSM

Topic: Health Care of The Community in India

Sub-Topic:



All the following are true regarding the urban primary health center staff except?

O1:

2 doctors

O2:

2 staff nurses

O3:

1 lab technician

O4:

1 pharmacist

Ans: 2

Ques No: 173, QuesID : 793621

Subject: PSM

Topic: Concept of Health and Disease

Sub-Topic:

If counselling and screening for TB are done at an ICTC clinic for an HIV patient, as per NACO guidelines, what is the level of prevention?

O1:

Primordial

O2:

Primary

O3:

Secondary

O4:

Primary & secondary

Ans: 4

Ques No: 174, QuesID : 793625

Subject: PSM

Topic: Biostatistics

Sub-Topic:

If a wide range of values are present in a community, what is the best measure of central tendency?

O1:

Mean

O2:

Mode

O3:

Median

O4:

Standard deviation

Ans: 3

Ques No: 175, QuesID : 793628

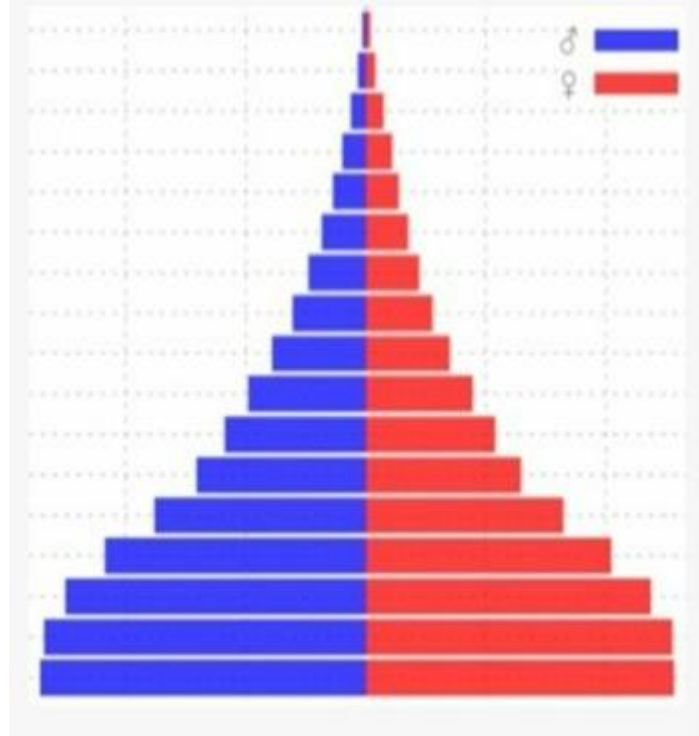


Subject: PSM

Topic: Demography and Health

Sub-Topic:

The given type of population pyramid indicates all except?



O1:

Developing countries

O2:

Developed countries

O3:

Increasing population

O4:

More young population

Ans: 2

Ques No: 176, QuesID : 793603

Subject: Pathology

Topic: Immunity

Sub-Topic:

The cells responsible for graft rejection are—

O1:

Macrophages

O2:

T cells



O3:

B cells

O4:

Plasma cells

Ans: 2

Ques No: 177, QuesID : 793631

Subject: PSM

Topic: Health Education and Communication

Sub-Topic:

4-8 speakers talk about a specific topic in front of a large audience. There is no particular agenda, set speech, or order of speaking. In the end, there is interaction with the audience. What is this mode of communication best known as?

O1:

Panel discussion

O2:

Symposium

O3:

Workshop

O4:

Seminar

Ans: 1

Ques No: 178, QuesID : 793636

Subject: Physiology

Topic: Cardiovascular System

Sub-Topic:

If the diameter of an artery was found to be reduced to one-third. By what value does the resistance of the artery increase?

O1:

9 times

O2:

81 times

O3:

27 times

O4:

18 times

Ans: 2

Ques No: 179, QuesID : 793641

Subject: Pathology

Topic: Genetics

Sub-Topic:



A boy was diagnosed with a medical condition, which is believed to have been passed down from his grandmother to his father, and now to him. What is the pattern of inheritance in this case?

O1:

X-linked dominance

O2:

X-linked recessive

O3:

Autosomal dominance

O4:

Autosomal recessive

Ans: 3

Ques No: 180, QuesID : 793643

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Insulin acts on glucose metabolism by

O1:

↑ facilitated diffusion of glucose

O2:

↓ permeability of glucose across cell membrane

O3:

↑ reabsorption of glucose from renal tubules

O4:

↑ glucose reabsorption from intestine

Ans: 1

Ques No: 181, QuesID : 793645

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Which pancreatic neuroendocrine tumor causes recurrent episodes of secretory diarrhea?

O1:

VIPoma

O2:

Glucagonoma

O3:

Insulinoma

O4:

Zollinger Ellison disease



Ans: 1

Ques No: 182, QuesID : 793648

Subject: Pathology

Topic: Hematology: Red Blood Cells

Sub-Topic:

In which of the following conditions is macrocytic anemia seen?

O1:

Thalassemia

O2:

Anemia of chronic disease

O3:

Sideroblastic anemia

O4:

Liver disease

Ans: 4

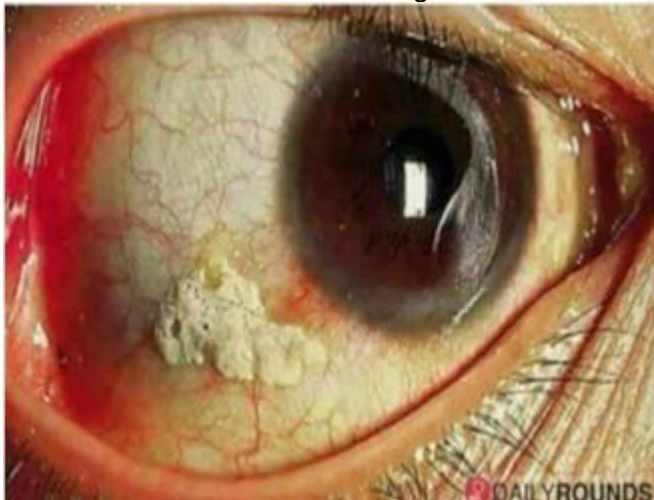
Ques No: 183, QuesID : 793633

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

An underweight adolescent girl is found to have the following finding on her ocular examination. What is the WHO grade for this finding?



O1:

1A

O2:

1B

O3:

2A

O4:



2B

Ans: 2

Ques No: 184, QuesID : 793652

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Which of the following enzymes is responsible for the conversion of T4 to T3, in the peripheral tissue?

O1:

Iodothyronine deiodinase I

O2:

Iodothyronine deiodinase III

O3:

Iodothyronine deiodinase II

O4:

Iodotyrosine deiodinase

Ans: 1

Ques No: 185, QuesID : 793650

Subject: Pathology

Topic: Hematology: Red Blood Cells

Sub-Topic:

Which of the following stains is used for the detection of hemosiderin deposits?

O1:

Mason-Fontana stain

O2:

Oil red O

O3:

Sudan black

O4:

Perl's Prussian blue

Ans: 4

Ques No: 186, QuesID : 793656

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Which of the following effects of puberty are not mediated by estrogen?

O1:

Hair growth

O2:

Cervical mucus secretion



O3:

Vaginal cornification

O4:

Menstruation

Ans: 1

Ques No: 187, QuesID : 793613

Subject: ENT

Topic: Nose and Paranasal Sinuses

Sub-Topic:

A patient with a history of trauma, presented with diplopia, epistaxis, and restricted eye movements. Looking at the CT image given below, what will be your diagnosis?



O1:

Le-fort fracture

O2:

b.Fracture maxilla

O3:

Fracture zygomatic

O4:

d.Blow out fracture

Ans: 4

Ques No: 188, QuesID : 793662

Subject: Physiology

Topic: Respiratory System

Sub-Topic:

What is the affinity of carbon monoxide to hemoglobin in comparison to oxygen?



O1: 100
O2: 4
O3: 250
O4: 150
Ans: 3

<p>Ques No: 189,QuesID : 793619 Subject: ENT Topic: Larynx Sub-Topic:</p> <p>A patient presented with surgical emphysema, after an emergency tracheostomy. What is the most likely reason?</p>
O1: a.High tracheostomy
O2: b.Tear in posterior tracheal wall
O3: c.Block in tracheostomy
O4: Tight suture around tracheostomy site
Ans: 4

<p>Ques No: 190,QuesID : 793666 Subject: Physiology Topic: Cardiovascular System Sub-Topic:</p> <p>Which of the following would help in explaining the mechanism of action of ANP (atrial natriuretic peptide)?</p>
O1: cAMP
O2: cGMP
O3: IIP3-DAG
O4: JAK/STAT
Ans: 2



Ques No: 191, QuesID : 793671

Subject: Physiology

Topic: Gastrointestinal System

Sub-Topic:

Which of the following is involved as a secondary messenger in the mechanism of gastric acid secretion?

O1:

cGMP

O2:

cAMP

O3:

CCK-B receptor

O4:

Ach

Ans: 2

Ques No: 192, QuesID : 793679

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Which of the following correct regarding oxytocin?

O1:

It is responsible for galactokinesis

O2:

It can be given by oral route

O3:

It is secreted by anterior pituitary

O4:

In higher doses, it exerts diuretic like action

Ans: 1

Ques No: 193, QuesID : 793638

Subject: PSM

Topic: Health Care of The Community in India

Sub-Topic:

Amongst the following, the first contact for people seeking medical care in a community is:

O1:

Primary health center (PHC)

O2:

Community health center (CHC)

O3:

Sub-centre



O4:

District hospital

Ans: 3

Ques No: 194, QuesID : 793681

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: 195, QuesID : 793685

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Cervical dilation and delivery on uterine contraction is similar to which of the following mechanisms?

O1:

Milk ejection by oxytocin

O2:

Water retention by ADH

O3:

FSH secretion by anterior pituitary

O4:

None of the above

Ans: 1

Ques No: 196, QuesID : 793693

Subject: Physiology

Topic: Endocrine and Reproductive System

Sub-Topic:

Which of the following effects of puberty are not mediated by estrogen?

O1:



Hair growth
O2: Cervical mucus secretion
O3: Vaginal cornification
O4: Menstruation
Ans: 1

<p>Ques No: 197, QuesID : 793660 Subject: PSM Topic: Health Care of The Community in India Sub-Topic:</p> <p>All of the following statements are true about a PHC except?</p>
O1: There is 1 PHC per 30,000 population in plain areas
O2: Type A PHC conducts <20 deliveries per month
O3: Provides maternal and child health care, family planning and MTP
O4: Is the first referral unit
Ans: 4

<p>Ques No: 198, QuesID : 793697 Subject: Physiology Topic: Endocrine and Reproductive System Sub-Topic:</p> <p>A 12-year-old girl is undergoing pubertal changes. Her tanner stage is stage 4 for breast development and pubic hair scale. Which of the following pubertal changes is not solely due to estrogen?</p>
O1: Vaginal cornification
O2: Pubic and axillary hair growth
O3: Cervical mucus production
O4: Menstruation
Ans: 4

<p>Ques No: 199, QuesID : 793700 Subject: Pharmacology Topic: Autacoids</p>



Sub-Topic:

A patient presents with swelling in MCP joints, and his serum uric acid levels were found to be elevated. His physician prescribed a drug which is considered as the first line agent in the management of this condition. What is the mechanism of this drug?

O1:

Pyrimidine antimetabolite

O2:

Inhibitor of neutrophil recruitment

O3:

Uricosuric drug

O4:

Xanthine oxidase inhibitor

Ans: 4

Ques No: 200, QuesID : 793705

Subject: PSM

Topic: Nutrition and Health

Sub-Topic:

Which of the following is the most common cause of macrocytic anemia?

O1:

Vitamin B12 deficiency

O2:

Bone marrow disorders

O3:

Alcohol

O4:

Drug-induced

Ans: 1

Ques No: 201, QuesID : 793712

Subject: Pharmacology

Topic: Autacoids

Sub-Topic:

Which among the following is not preferred as an analgesic in rheumatoid arthritis?

O1:

Tramadol

O2:

Ketorolac

O3:

Naproxen

O4:



Oxycodone

Ans: 2

Ques No: 202, QuesID : 793708

Subject: PSM

Topic: Health Education and Communication

Sub-Topic:

A handwashing awareness session was conducted in a community. The correct sequence of events here is:

O1:

Awareness > interest > adoption > evaluation

O2:

Awareness > interest > evaluation > adoption

O3:

Evaluation > adoption > awareness > interest

O4:

Adoption > awareness > interest > evaluation

Ans: 1

Ques No: 203, QuesID : 793718

Subject: Pharmacology

Topic: GIT Pharmacology

Sub-Topic:

A tourist with a travel history to India presents with complaints of abdominal pain and multiple episodes of watery diarrhea. He reports having food at a local restaurant the previous night. Which of the following antidiarrheal agents is used in this condition?

O1:

Octreotide

O2:

Loperamide

O3:

Rifaximin

O4:

Bismuth subsalicylate

Ans: 2

Ref:

KDT pg 731

Ques No: 204, QuesID : 793720

Subject: PSM

Topic: Concept of Health and Disease

Sub-Topic:

A 35-year-old man is unemployed because he is unable to walk after an accident. His



unemployment is classified as a—
O1: Disability
O2: Handicap
O3: Disease/disorder
O4: Impairment
Ans: 2

Ques No: 205, QuesID : 793725 Subject: Pharmacology Topic: Renal Pharmacology Sub-Topic: High-ceiling diuretics are used in the treatment of all of the following conditions except:
O1: Generalized edema
O2: Cerebral edema
O3: Acute pulmonary edema
O4: Pulmonary hypertension
Ans: 4

Ques No: 206, QuesID : 793730 Subject: Pharmacology Topic: ANS Pharmacology Sub-Topic: A farmer presents to the emergency department with diarrhea, sweating, excessive lacrimation, and salivation. Which of the following statements is incorrect regarding the treatment of the condition?
O1: Carbamates bind to acetylcholinesterase irreversibly.
O2: Atropine is used as an antidote for OP poisoning
O3: Pralidoxime has a role in reversing the enzyme in carbamate poisoning
O4: Succinylcholine use is avoided in rapid sequence intubation
Ans: 3

Ques No: 207, QuesID : 793734



Subject: Pharmacology
Topic: CNS Pharmacology
Sub-Topic:

What is the most common side effect of Lamotrigine?

O1:

Diplopia

O2:

Tremors

O3:

Neutropenia

O4:

rash

Ans: 4

Ques No: 208, QuesID : 793727

Subject: PSM

Topic: Vaccines and Cold Chain

Sub-Topic:

During a measles epidemic in the community, a 6 month old child was vaccinated against the same. When should the second dose be administered to this child?

O1:

The child should be given a second dose as soon as she reaches 9 months of age

O2:

The child should be given a second dose after 2 weeks of last dose

O3:

The child should be given a second dose after 6 weeks of last dose

O4:

The child should be given the second dose of measles at 12 months of age

Ans: 4

Ques No: 209, QuesID : 793737

Subject: Pharmacology

Topic: CVS Pharmacology

Sub-Topic:

Which of the following drugs does not reduce mortality in patients with heart failure with reduced ejection fraction (HFrEF)?

O1:

Digoxin

O2:

Beta-blockers

O3:



ACE inhibitors

O4:

Hydralazine + isosorbide dinitrate

Ans: 1

Ques No: 210, QuesID : 793739

Subject: Pharmacology

Topic: ANS Pharmacology

Sub-Topic:

Which among the following is a short-acting beta blocker?

O1:

Nadolol

O2:

Propranolol

O3:

Esmolol

O4:

Atenolol

Ans: 3

Ques No: 211, QuesID : 793658

Subject: Pathology

Topic: Hematology: White Blood Cells

Sub-Topic:

6. A 38-year-old man presented with bleeding gums for 20 days. He has gingival hyperplasia and hepatosplenomegaly. On investigation, Hb-11 g/dL, platelet count-95,000 platelets/mm³, and WBC count-45000 cells/mm³. Bone marrow biopsy shows 100% cellularity with many blast cells that are peroxidase negative and non-specific esterase positive. The most likely diagnosis is—

O1:

Acute myeloid leukemia M2 (AML M2)

O2:

Acute myeloid leukemia M0 (AML M0)

O3:

Acute myeloid leukemia M5 (AML M5)

O4:

Acute myeloid leukemia M7 (AML M7)

Ans: 3

Ques No: 212, QuesID : 793732

Subject: PSM

Topic: Vaccines and Cold Chain

Sub-Topic:



At what age is the first dose of hepatitis B vaccine given?

O1:

Birth

O2:

6 weeks

O3:

10 weeks

O4:

6 months

Ans: 1

Ques No: 213, QuesID : 793669

Subject: Pediatrics

Topic: Genetics and Genetic Disorders

Sub-Topic:

1. What is the pattern of inheritance in neural tube defects?

O1:

a. Autosomal dominant

O2:

X-linked dominant

O3:

c. Autosomal recessive

O4:

d. Multifactorial inheritance

Ans: 4

Ques No: 214, QuesID : 793741

Subject: PSM

Topic: Epidemiology

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: 215, QuesID : 793750

Subject: Pathology



Topic: Immunity

Sub-Topic:

The x-ray of a middle-aged man showed multiple lytic lesions following which a urine examination was done. The sample revealed Bence Jones proteins. Which is the most common immunoglobulin associated with this condition?

O1:

Ig A

O2:

Ig D

O3:

Ig G

O4:

Ig M

Ans: 3

Ques No: 216, QuesID : 793677

Subject: Pediatrics

Topic: General

Sub-Topic:

2. A 7-year-old female child is brought to the OPD with cramping abdominal pain. On examination, she is found to have rashes on the back of her legs, buttocks and the extensor surface of her forearms. Laboratory analysis reveals proteinuria and microscopic hematuria. What is the most likely diagnosis?

O1:

a. Systemic lupus erythematosus

O2:

b. Henoch-Schonlein purpura

O3:

c. Post-streptococcal glomerulonephritis

O4:

d. Hemolytic uremic syndrome

Ans: 2

Ques No: 217, QuesID : 793754

Subject: Pediatrics

Topic: Nutrition and Malnutrition

Sub-Topic:

A labourer's younger child is brought to the OPD with a swollen belly and dull face. He has been fed rice water (rice milk) in his diet mostly. On investigations, the child is found to have low serum protein, low serum protein, and low albumin. What is the probable diagnosis?

O1:

a. Kwashiorkor

O2:

b. Marasmus



O3:

c.Indian childhood cirrhosis

O4:

d.Kawasaki disease

Ans: 1

Ques No: 218,QuesID : 793749

Subject: PSM

Topic: Biostatistics

Sub-Topic:

The best way to plot trends in the incidence of diarrheal disease in a given area is by

O1:

Line graph

O2:

Histogram

O3:

Ogive

O4:

Tree diagram

Ans: 1

Ques No: 219,QuesID : 793770

Subject: Pharmacology

Topic: ANS Pharmacology

Sub-Topic:

A patient came to the causality with acute bronchial asthma after treatment for glaucoma. Which of the following is a most probable causative agent?

O1:

Timolol

O2:

Betaxolol

O3:

Latanoprost

O4:

Bimatoprost

Ans: 1

Ques No: 220,QuesID : 793757

Subject: Pediatrics

Topic: Growth

Sub-Topic:

A 3-year-old child was brought to the OPD for a regular check-up. His growth chart shows his



BMI between the 85th and 95th percentile. Which of the following categories would you place him in?

O1:

Moderate wasting

O2:

Severe acute malnutrition

O3:

Overweight

O4:

Obese

Ans: 3

Ques No: 221, QuesID : 793752

Subject: Pathology

Topic: Hematology: Red Blood Cells

Sub-Topic:

A child visited the hospital with her mother with complaints of severe fatigue, lethargy, pallor, and irritation. She has a known case of iron deficiency anemia (IDA) and is on oral iron supplements. On reviewing the child, the physician in charge plans to start IV iron supplementation. What is the next best test to be done in assessing this child?

O1:

Blood hemoglobin

O2:

Total iron binding capacity

O3:

Serum ferritin

O4:

Hematocrit

Ans: 3

Ques No: 222, QuesID : 793759

Subject: PSM

Topic: Epidemiology

Sub-Topic:

The major contributor to demographic burden is ____

O1:

Decreased old age dependency ratio

O2:

Increased young age dependency ratio

O3:

Decreased young age dependency ratio

O4:

Increased old age dependency ratio

Ans: 4



Ques No: 223, QuesID : 793763

Subject: Pathology

Topic: Hematology: Red Blood Cells

Sub-Topic:

Which among the following is not routinely screened before conducting a blood transfusion?

O1:

Hepatitis A

O2:

Hepatitis B

O3:

Hepatitis C

O4:

HIV 1/HIV 2

Ans: 1

Ques No: 224, QuesID : 793765

Subject: Pediatrics

Topic: Growth

Sub-Topic:

A mother complains that her child is reluctant to take feeds appropriately. Her child, a 15-month-old boy, has a length – for – age ≤ -2 SD below the median. What is the most likely diagnosis?

O1:

Acute malnutrition

O2:

Severely wasting

O3:

c. Moderately underweight

O4:

Moderate stunting

Ans: 4

Ques No: 225, QuesID : 793769

Subject: PSM

Topic: Concept of Health and Disease

Sub-Topic:

Which of the following demographic indicators is used to compare the life expectancy of two different countries?

O1:

QALY

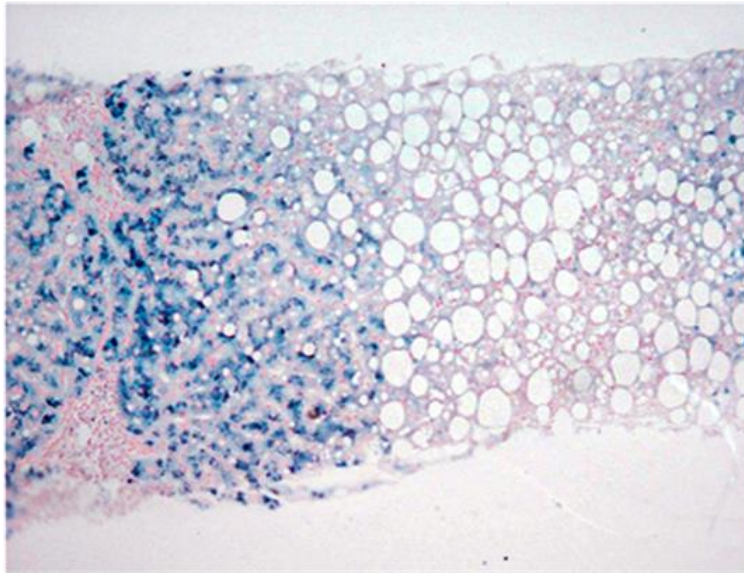
O2:



DALY
O3: HDI
O4: HPI
Ans: 3

<p>Ques No: 226,QuesID : 793773 Subject: Pediatrics Topic: Nutrition and Malnutrition Sub-Topic:</p> <p>Which of the following vitamins is breast milk deficient in?</p>
O1: a.Vitamin A
O2: Vitamin C
O3: c.Vitamin E
O4: Vitamin K
Ans: 4

<p>Ques No: 227,QuesID : 793776 Subject: Pathology Topic: Liver, Biliary System and Pancreas Sub-Topic:</p> <p>A 55-year-old man is found to have hepatomegaly on physical examination. He also complains of having a dark tan despite avoiding sun exposure. His liver microscopy is given on the slide below. This patient most likely suffers from</p>
--



O1:
Wilson's disease

O2:
Autoimmune hepatitis

O3:
Alpha-1 antitrypsin deficiency

O4:
Hemochromatosis

Ans: 4

Ques No: 228, QuesID : 793784

Subject: Pediatrics

Topic: Pediatric Respiratory Disorders

Sub-Topic:

A one-and-a-half-year-old child is brought to the hospital with a history of breathlessness, fever <37 degrees, cough, and cold. The respiratory rate was 46/min on examination, and there were no chest reactions. Which is the most appropriate management?

O1:
a. Administer IV antibiotics and observe

O2:
b. Administer IV antibiotics and refer to higher centre

O3:
c. Administer oral antibiotics, warn of danger signs, and send home

O4:
d. Administer only home remedies

Ans: 3

Ques No: 229, QuesID : 793781



Subject: Pathology
Topic: Central Nervous System
Sub-Topic:

In the WHO grading of astrocytoma, which grade does glioblastoma fall under?

O1:

I

O2:

II

O3:

III

O4:

IV

Ans: 4

Ques No: 230, QuesID : 793778

Subject: PSM

Topic: Allied Health Disciplines

Sub-Topic:

Blood spill in the operation theater is cleaned with ____?

O1:

Chlorine compound

O2:

Phenolic compound

O3:

Quaternary ammonium compounds

O4:

Alcoholic compounds

Ans: 1

Ques No: 231, QuesID : 793790

Subject: Pediatrics

Topic: Pediatric Neurology

Sub-Topic:

8. What is the most common cause of seizures in a 2-year-old child?

O1:

a. Trauma to the head

O2:

b. Malnutrition

O3:

c. Febrile seizures

O4:

d. Neurological deficit

Ans: 3



Ques No: 232, QuesID : 793793

Subject: Pathology

Topic: Liver, Biliary System and Pancreas

Sub-Topic:

12. A health care worker has been found to be seropositive for HBsAg, HBeAg, and Anti-HBc: IgM, indicating an acute HBV infection with high infectivity. Liver biopsy in such cases is likely to show all the following except—

O1:

Ballooning change of hepatocytes

O2:

Ground glass hepatocytes

O3:

Focal or spotty necrosis

O4:

Confluent necrosis of hepatocytes

Ans: 2

Ques No: 233, QuesID : 793798

Subject: Pathology

Topic: Breast Pathology

Sub-Topic:

A middle-aged woman who presented to the clinic with a lump in her right breast diagnosed to have breast carcinoma. All the following are favorable prognostic markers except—

O1:

Luminal subtype

O2:

Low Ki7 index

O3:

Her2 overexpression

O4:

Mucinous carcinoma

Ans: 3

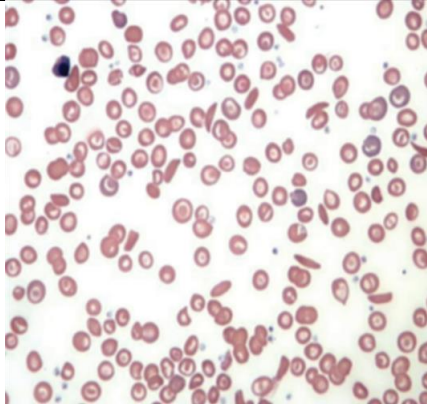
Ques No: 234, QuesID : 793796

Subject: Pediatrics

Topic: Pediatric Neurology

Sub-Topic:

A young boy with fatigue is found to have a haemoglobin of <9 g/dl. Peripheral smear showed sickle-shaped RBCs. What is the next best step in managing this patient?



O1:

a.Administer IV antibiotics

O2:

b.Blood transfusion

O3:

c.Administer deferoxamine

O4:

d.Wait and watch

Ans: 2

Ques No: 235,QuesID : 793782

Subject: Pharmacology

Topic: Anticancer Drugs

Sub-Topic:

Which of the following drugs is associated with untoward side effects of renal tubular damage?

O1:

Cisplatin

O2:

Streptozocin

O3:

Methysergide

O4:

Cyclophosphamide

Ans: 1

Ques No: 236,QuesID : 793810

Subject: Medicine

Topic: Miscellaneous Topics

Sub-Topic:

A patient presents with complaints of tingling sensation in hands and feet, generalized weakness, easy fatigability, pallor, and ataxia. Deficiency of which vitamin causes these



symptoms?
O1: Vitamin B1
O2: Vitamin B12
O3: Vitamin B2
O4: Vitamin B3
Ans: 2

<p>Ques No: 237, QuesID : 793812 Subject: Pharmacology Topic: Endocrine Pharmacology Sub-Topic:</p> <p>Which of the following is the most significant side-effect of tamoxifen?</p>
O1: Cancer in the opposite breast
O2: Osteoporosis
O3: Endometrial hyperplasia
O4: Infertility
Ans: 3

<p>Ques No: 238, QuesID : 793816 Subject: Pharmacology Topic: General Pharmacology Sub-Topic:</p> <p>Which of the following described LD50?</p>
O1: 50% animal mortality is an experiment after exposure to the drug
O2: 50% reduction of infection in the given population of experimental animals
O3: Dose of the drug that causes adverse effects in 50% of the population
O4: Range of concentration at which the likelihood of efficacy is high and the probability of adverse effects is low
Ans: 1



Ques No: 239, QuesID : 793818

Subject: Pharmacology

Topic: CNS Pharmacology

Sub-Topic:

A 70 year old patient with a history of schizophrenia, and on treatment for drug-induced Parkinson's presents with complaints of constipation, blurred vision, and dry mouth. Which of the following drugs may be responsible for the above symptoms?

O1:

Lithium

O2:

Pramipexole

O3:

Benzhexol

O4:

Selegiline

Ans: 3

Ques No: 240, QuesID : 793820

Subject: Pharmacology

Topic: Antimicrobials : Anti Bacterial Drugs

Sub-Topic:

A diabetic patient presents with a fungal sinus and peri-orbital region infection with significant visual impairment, as shown below. The most appropriate drug for the treatment of this patient is



O1:
Itraconazole

O2:
Liposomal amphotericin B

O3:
Ketoconazole

O4:
Broad spectrum antibiotics

Ans: 2

Ques No: 241, QuesID : 793802

Subject: Medicine

Topic: Cardiology

Sub-Topic:

Dullness to percussion and decreased breath sounds near the base of the left lung infra-scapular location is seen in which of the following conditions?

O1:
a. Cardiac tamponade

O2:
Chronic constrictive pericarditis

O3:
c. Pulmonary embolism

O4:



d. Left-sided pleural effusion

Ans: 1

Ques No: 242, QuesID : 793825

Subject: Medicine

Topic: Cardiology

Sub-Topic:

Absent P waves are a feature of which of the following?

O1:

Ventricular tachycardia

O2:

Focal atrial tachycardia

O3:

Ventricular fibrillation

O4:

Atrial fibrillation

Ans: 4

Ques No: 243, QuesID : 793827

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A male patient with a history of chronic smoking presents with the complaint of dysphagia. Out of the following, which type of lung cancer is most likely to be found in this patient?

O1:

Squamous cell carcinoma

O2:

Adenocarcinoma

O3:

Large cell carcinoma

O4:

Bronchogenic carcinoma

Ans: 1

Ques No: 244, QuesID : 793814

Subject: Medicine

Topic: Endocrinology

Sub-Topic:

A diabetic patient complains of vomiting and abdominal pain. On examination, the patient is found to have hyperventilation, sweet breath, and hypotension. Blood glucose is 320 mg/dL, and urine ketones are present. What is the next step in the management of this patient?

O1:

a. IV insulin drip



O2:

b.IV soda-bicarbonate

O3:

Check blood ketone levels

O4:

d.IVF and check K+

Ans: 4

Ques No: 245,QuesID : 793832

Subject: Medicine

Topic: Cardiology

Sub-Topic:

Interpret the finding of the ECG give below.



O1:

Ventricular fibrillation

O2:

Atrial fibrillation

O3:

Supra ventricular tachycardia

O4:

Ventricular tachycardia

Ans: 3

Ques No: 246,QuesID : 793787

Subject: PSM

Topic: National Health Programs

Sub-Topic:

All these health care providers are working at the village level except?

O1:

ANM

O2:

AWW

O3:

TBA

O4:

ASHA



Ans: 1

Ques No: 247, QuesID : 793830

Subject: Medicine

Topic: GIT

Sub-Topic:

Patient is identified as having a tumor in the ileum and leading to urinary 5 HIAA being elevated. What is the diagnosis?

O1:

Carcinoid tumor

O2:

Neuroblastoma

O3:

c. Leiomyoma

O4:

d. Chromaffinoma

Ans: 1

Ques No: 248, QuesID : 793836

Subject: Medicine

Topic: GIT

Sub-Topic:

A 50-year-old woman consults the doctor for the presence of a skin lesion as shown in the image below. The lesions were initially small but have now spread to the entire limb and the abdomen. Despite anticoagulation therapy, she has a history of long-standing diabetes and recurrent episodes of deep vein thrombosis. What is the most likely diagnosis?



O1:

Insulinoma



O2: Gastrinoma
O3: Glucagonoma
O4: VIPoma
Ans: 3

<p>Ques No: 249,QuesID : 793839 Subject: PSM Topic: National Health Programs Sub-Topic:</p> <p>A baby reports for a regular checkup in OPD. A growth chart is plotted for the baby whose weight falls between 85th - 95th percentile. What is the current status of the child?</p>
O1: Obesity
O2: SAM
O3: Overweight
O4: Interpretation cannot be made without BMI
Ans: 3

<p>Ques No: 250,QuesID : 793841 Subject: Medicine Topic: Hematology Sub-Topic:</p> <p>A 60-year-old man presents with fatigue, pallor, weight loss, and heaviness in the left hypochondrium, for the past 2 months. Abdominal palpation reveals splenomegaly. His hemogram and peripheral smear results are given below. What is the most likely diagnosis?</p> <p>Hemogram: Hb-10 gm/dl WBC count – 1,65,000/cu.mm (leukocytosis) Platelet count – 3 lakhs/mm³ Peripheral smear: Metamyelocytes – 15% Promyeloblasts – 30% Myeloblasts – 45%</p>
O1: Chronic lymphocytic leukemia
O2: Chronic myeloid leukemia
O3:



Acute lymphoblastic leukemia

O4:

Acute myeloid leukemia

Ans: 2

Ques No: 251, QuesID : 793850

Subject: Surgery

Topic: Urology

Sub-Topic:

A 50-year-old male patient presents with palpitations, episodic headaches, and sweating episodes. Workup shows a small left-sided suprarenal mass. Which of the following would be done for confirmation?

O1:

Urinary vanillyl mandelic acid levels

O2:

Blood 5-HIAA levels

O3:

Urine myoglobin

O4:

Stool trypsin levels

Ans: 1

Ques No: 252, QuesID : 793834

Subject: Medicine

Topic: Pulmonology

Sub-Topic:

A patient presents with complaints of morning time productive cough that is yellow that increases on turning from left to right side. Which of the following lung diseases is likely to be present?

O1:

a. Lung cancer

O2:

b. Bronchiectasis

O3:

c. Bronchial asthma

O4:

d. Pulmonary embolism

Ans: 2

Ques No: 253, QuesID : 793847

Subject: Medicine

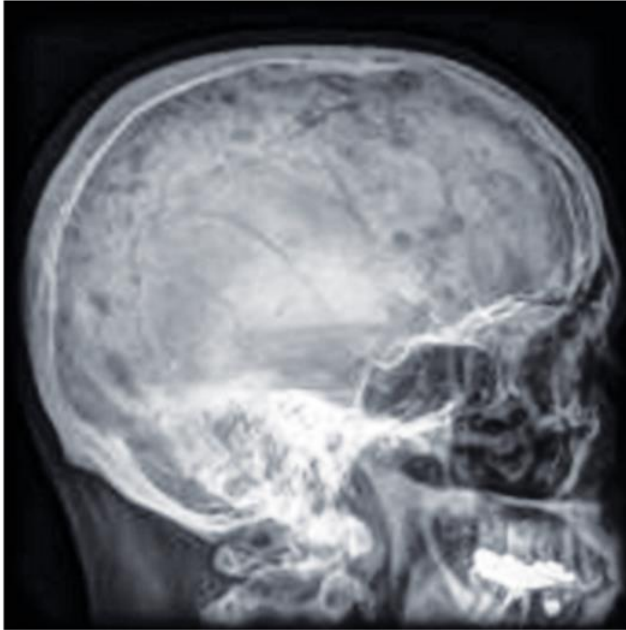
Topic: Hematology

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 13mg/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: 254, QuesID : 793843

Subject: PSM

Topic: Vaccines and Cold Chain

Sub-Topic:

Vaccines are given at birth?

O1:
Pentavalent, MR, HiB

O2:



BCG, OPV, MR

O3:

BCG, OPV, Hepatitis B

O4:

BCG, IP, Hepatitis B

Ans: 3

Ques No: 255, QuesID : 793855

Subject: Surgery

Topic: Hepatobiliary Pancreatic Surgery

Sub-Topic:

Neuroendocrine tumor of the pancreas associated with necrolytic erythema migrans is?

O1:

Insulinoma

O2:

Glucagonoma

O3:

Somatostatinoma

O4:

VIPoma

Ans: 2

Ques No: 256, QuesID : 793857

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A 34 years old female with a history of alcohol intake was taking NSAIDs for abdominal pain. She developed severe pain in the whole abdomen. A radiograph is given below. What is the diagnosis?



O1:

Rupture of ectopic pregnancy



O2:

Acute pancreatitis

O3:

Perforated liver abscess

O4:

Hollow viscus perforation

Ans: 4

Ques No: 257, QuesID : 793845

Subject: Medicine

Topic: Miscellaneous Topics

Sub-Topic:

Cat scratch disease is caused by?

O1:

Bartonella henselae

O2:

b. Bartonella quintana

O3:

c. Bartonella bacilliformis

O4:

d. Borrelia burgdorferi

Ans: 1

Ques No: 258, QuesID : 793852

Subject: Medicine

Topic: Rheumatology / Connective Tissue Disorder

Sub-Topic:

A young male patient presents with ptosis which reportedly worsens in the evening and improves in the morning. He also complains of excessive fatigability towards the end of the day which improves with rest. Placing an ice pack over his eyes significantly decreases the ptosis. What is the most likely diagnosis?

O1:

Myasthenia gravis

O2:

Huntington chorea

O3:

Amyotrophic lateral sclerosis

O4:

External ophthalmoplegia

Ans: 1

Ques No: 259, QuesID : 793849

Subject: PSM

Topic: Concept of Health and Disease



Sub-Topic:

which of the following includes Social factors and disease causation?

O1:

Sociology

O2:

Social pathology

O3:

Society

O4:

Community

Ans: 2

Ques No: 260, QuesID : 793867

Subject: Surgery

Topic: Gastrointestinal Surgery

Sub-Topic:

A patient presented with a history of bronchospasm, a tumor was present in the ileum with increased 5-hydroxy indoleacetic acid in urine. What is the diagnosis?

O1:

Carcinoid syndrome

O2:

Neuroblastoma

O3:

Chromaffinoma

O4:

Leiomyoma

Ans: 1

Ques No: 261, QuesID : 793863

Subject: Medicine

Topic: Cardiology

Sub-Topic:

A 26-year-old male patient, an accident victim started developing difficulty in breathing. On examination, his BP as 80/40 mmHg and pulses were feeble, JVP was found to be elevated with an absent Y descent, and heart sounds were muffled. What is the most likely diagnosis?

O1:

Constrictive pericarditis

O2:

Cardiac tamponade

O3:

Acute pericarditis

O4:



Cardiac failure

Ans: 2

Ques No: 262, QuesID : 793872

Subject: Surgery

Topic: Urology

Sub-Topic:

Chemotherapy was given for bladder cancer. For which drug should the dose be reduced if radiotherapy is given?

O1:

Cisplatin

O2:

Gemcitabine

O3:

Paclitaxel

O4:

Ifosfamide

Ans: 2

Ques No: 263, QuesID : 793876

Subject: Medicine

Topic: Cardiology

Sub-Topic:

A known hypertensive patient is brought to the ER with palpitations and breathlessness. On examination, his BP was 220/140 with signs of encephalopathy. Which of the following is used as a 1st line drug to manage this patient?

O1:

Phentolamine

O2:

Nicardipine

O3:

Mannitol

O4:

Prazosin

Ans: 2

Ques No: 264, QuesID : 793881

Subject: Medicine

Topic: Neurology

Sub-Topic:

A young man presents with a sudden onset of severe headache, dizziness, breathlessness, and blurring of vision while trekking on a mountain at an altitude of 5000 meters. He is unable to climb any further. Which of the following indicated the development of high-altitude cerebral



edema?
O1: Desaturation
O2: Altered mental status
O3: Increase in blood pressure
O4: Retinal hemorrhage
Ans: 2

Ques No: 265,QuesID : 793859 Subject: Medicine Topic: Cardiology Sub-Topic: J-wave is seen in?
O1: a.Hypothermia
O2: b.Heat stroke
O3: c.High-altitude pulmonary edema
O4: d.Drowning
Ans: 1

Ques No: 266,QuesID : 793878 Subject: Surgery Topic: Urology Sub-Topic: Which of the following is used for prostate cancer?
O1: Gleason score
O2: Bethesda score
O3: Alvarado score
O4: Nottingham score
Ans: 1

Ques No: 267,QuesID : 793884 Subject: Surgery



Topic: Cardiothoracic Vascular Surgery

Sub-Topic:

While washing clothes in cold water, a female patient exhibits color changes in her hands from white to red. Which of the following drugs is best suited for this patient?

O1:

ACE inhibitors

O2:

Calcium channel blockers

O3:

Thiazides

O4:

Alpha-blockers

Ans: 2

Ques No: 268, QuesID : 793874

Subject: Medicine

Topic: Neurology

Sub-Topic:

In hypoglossal nerve injury, which of the following is seen?

O1:

a. Tongue deviation to the contralateral side

O2:

b. Tongue deviation to the same side

O3:

c. Falling of the tongue

O4:

d. Inability in tongue protrusion

Ans: 2

Ques No: 269, QuesID : 793887

Subject: Medicine

Topic: Liver

Sub-Topic:

A 20 year old male presented with a 1 week history of yellow skin and sclerae but is otherwise asymptomatic. He gives a history of viral infection 10 days ago which was resolved 2 days back. There is a history of a similar episode of icterus 2 years back when the patient had long hours of basketball practice. The current serum bilirubin is 2.4 mg/dl, unconjugated bilirubin is 2.1mg/dl, and 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:

Criggler-Najar type 1 syndrome



O3:

Gilbert syndrome

O4:

Rotor syndrome

Ans: 3

Ques No: 270, QuesID : 793891

Subject: Surgery

Topic: Head And Neck

Sub-Topic:

A 50-year-old male chronic smoker came to OPD with cough, dyspnea, and difficulty swallowing. A palpable lump was present in the neck. Smokers are most likely to develop which of the following?

O1:

Adenocarcinoma

O2:

Squamous cell carcinoma

O3:

Large cell carcinoma

O4:

Adenoid cystic carcinoma

Ans: 2

Ques No: 271, QuesID : 793889

Subject: Medicine

Topic: Cardiology

Sub-Topic:

A patient with chronic stable angina is having signs of heart failure. Which of the following drug will increase longevity?

O1:

a. Nifedipine

O2:

b. Digoxin

O3:

c. Lisinopril

O4:

d. Torsemide

Ans: 3

Ques No: 272, QuesID : 793895

Subject: Medicine

Topic: Miscellaneous Topics

Sub-Topic:



A man brings his father who became unconscious while working in a field in the hot sun at 42 degrees Celsius in May. On examination, there were no physical signs of dehydration. His serum electrolyte values were normal. The physician found that the body temperature was 106 F. Which of the following symptoms is least likely to be seen in this patient?

O1:

Nausea

O2:

Hypotension

O3:

Sweating

O4:

Headache

Ans: 3

Ques No: 273, QuesID : 793901

Subject: Medicine

Topic: Nephrology / Kidney Disease

Sub-Topic:

You saw a guy collapse and started CPR in an RTA case. The rescue team has arrived. Which of the following is correct among the given options?

O1:

a. Continue 5 rounds of CPR @ 30:2 followed by application of AED

O2:

Continue CPR while the team applies AED paddles

O3:

c. Stop CPR and let them apply paddles

O4:

d. Handover the patient and leave

Ans: 2

Ques No: 274, QuesID : 793904

Subject: Medicine

Topic: Neurology

Sub-Topic:

A 24-year-old female patient presents with a 3 days history of fever, headache, ataxia, nausea, and vomiting. On examination neck rigidity is present and there is hip and knee flexion on passive flexion of the neck. A lumbar puncture was done and CSF findings are as shown below. What is your diagnosis?

- Opening pressure – increased
- Color – cloudy white
- WBCs – 7000/ μ l; neutrophil predominant
- Sugar – 15 mg/dl
- CSF/serum glucose ratio – 0.2
- Protein – 70 mg/dl
- Latex agglutination – positive



- Limulus lysate test – negative

O1:

Bacterial meningitis

O2:

Tubercular meningitis

O3:

Viral meningitis

O4:

Fungal meningitis

Ans: 1

Ques No: 275, QuesID : 793897

Subject: Surgery

Topic: Oncology

Sub-Topic:

Which of the following drugs is preferred for lowering uric acid to prevent renal damage in tumor lysis syndrome?

O1:

Furosemide

O2:

Rasburicase

O3:

Allopurinol

O4:

Febuxostat

Ans: 2

Ques No: 276, QuesID : 793911

Subject: Surgery

Topic: Others

Sub-Topic:

What is the next management for this type of injury given in the image after 3 days of RTA?



O1:
Debridement of necrotic tissue with primary closure

O2:
Debridement of necrotic tissue and hyperbaric oxygen

O3:
Amputation

O4:
Clean and close with rotation flap

Ans: 2

Ques No: 277, QuesID : 793917

Subject: Surgery

Topic: Others

Sub-Topic:

The patient developed surgical emphysema after an emergency tracheostomy outside the hospital. What is the most probable cause?

O1:
Puncture of posterior wall

O2:
High tracheostomy

O3:
Blockage of the tube

O4:
Tight suture

Ans: 4

Ques No: 278, QuesID : 793921

Subject: Surgery

Topic: Others

Sub-Topic:

What is not a component of splenic trauma based on AAST grading?



O1: Parenchymal destruction
O2: Vascular involvement
O3: Adjacent organ involvement
O4: Hematoma
Ans: 3

<p>Ques No: 279,QuesID : 793865 Subject: Gynaecology & Obstetrics Topic: Obstetrics Sub-Topic:</p> <p>Which hyperthyroid drug is safer during the first trimester of pregnancy?</p>
O1: Propylthiouracil
O2: Methimazole
O3: Carbimazole
O4: Radioactive iodine
Ans: 1

<p>Ques No: 280,QuesID : 793926 Subject: Surgery Topic: Others Sub-Topic:</p> <p>What advice will you give the female patient before laparoscopic surgery?</p>
O1: Eat full before surgery.
O2: Drink plenty of water before surgery.
O3: Enema on the night before surgery
O4: NPO for specific hours before surgery
Ans: 4

<p>Ques No: 281,QuesID : 793932 Subject: Surgery</p>



Topic: Others

Sub-Topic:

A family member is volunteering for a blood donation for a person with RTA. All of the following are tested before blood transfusion except?

O1:

Hepatitis A

O2:

Hepatitis B

O3:

Hepatitis C

O4:

HIV 1 & 2

Ans: 1

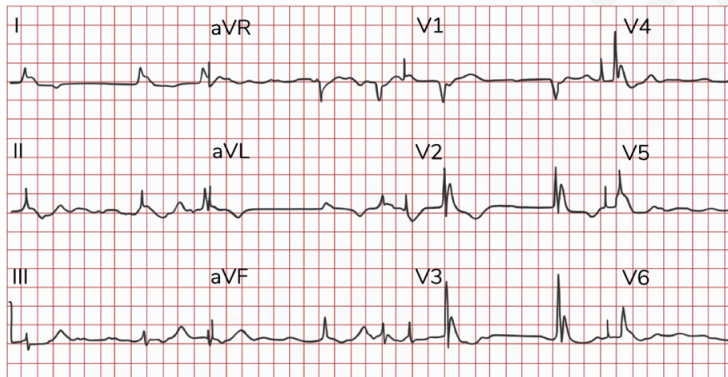
Ques No: 282, QuesID : 793909

Subject: Medicine

Topic: Cardiology

Sub-Topic:

What is the probable diagnosis of the ECG given below?



O1:

Hypokalemia

O2:

Hyperkalemia

O3:

Hypothermia

O4:

Hypocalcemia

Ans: 3

Ques No: 283, QuesID : 793923

Subject: Gynaecology & Obstetrics



Topic: Obstetrics

Sub-Topic:

The legal requirement for MTP includes the 'approval of two doctors.' Among the following, which period best suits this requirement?

O1:

12-24 weeks

O2:

20-24 weeks

O3:

1st 12 weeks

O4:

>24 weeks

Ans: 2

Ques No: 284, QuesID : 793907

Subject: Medicine

Topic: Neurology

Sub-Topic:

25. Which of the following type of hypersensitivity reactions is seen in myasthenia gravis?

O1:

a.Type 1 hypersensitivity reaction

O2:

b.Type 2 hypersensitivity reaction

O3:

c.Type 3 hypersensitivity reaction

O4:

d.Type 4 hypersensitivity reaction

Ans: 2

Ques No: 285, QuesID : 793941

Subject: Medicine

Topic: Endocrinology

Sub-Topic:

A 19-year-old woman with a history of type 1 DM is brought to the ER with confusion, vomiting, and abdominal pain. Investigations show blood glucose – 520 mg/dl and urine tests positive for ketone bodies. A diagnosis of DKA is made. Which of the following is the drug of choice for the management of hyperglycemia?

O1:

Regular insulin

O2:

Lente insulin

O3:

Glyburide



O4:

70/30 insulin

Ans: 1

Ques No: 286, QuesID : 793914

Subject: Medicine

Topic: Miscellaneous Topics

Sub-Topic:

24. A tall male present with absent pubic and axillary hair, infantile genitalia, high LH and FSH level with XXY karyotype. What is the most probable diagnosis?

O1:

a. Vanishing testis syndrome

O2:

b. Klinefelter's syndrome

O3:

c. Noonan syndrome

O4:

d. Adrenal hyperplasia

Ans: 2

Ques No: 287, QuesID : 793939

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

A 34-year-old woman presents at 6 weeks of delivery. She wants contraception for the next 3 years. What will be the best contraceptive method in this case?

O1:

Copper T

O2:

IUCD with progesterone

O3:

Injectable progesterone

O4:

Nothing besides lactation amenorrhea

Ans: 1

Ques No: 288, QuesID : 793948

Subject: Medicine

Topic: Endocrinology

Sub-Topic:

23. A 25-year-old P1L1 woman is planning for her second child. She has been recently diagnosed with Grave's disease. Which of the following is the antithyroid drug to be used in early gestation?



O1:

a. Propylthiouracil

O2:

Methimazole

O3:

c. Carbimazole

O4:

d. All the above

Ans: 1

Ques No: 289, QuesID : 793945

Subject: Medicine

Topic: Cardiology

Sub-Topic:

A 19 year old woman with no comorbidities presented with numbness and paraesthesia of the fingers along with the characteristics finding as shown in the image below. She has no other illnesses, and she says these episodes occur when she is under excess stress or during cold temperatures. What is the most likely diagnosis?



O1:

Primary Raynaud's phenomenon

O2:

Secondary Raynaud's phenomenon

O3:

Cold sores

O4:

Sclerodema

Ans: 1

Ques No: 290, QuesID : 793956

Subject: Medicine

Topic: Pulmonology



Sub-Topic:

What is the diagnosis based on the image given below?



O1:

Pulmonary tuberculosis

O2:

b.Chronic obstructive pulmonary disease

O3:

c.Bronchial asthma

O4:

Bronchiectasis

Ans: 4

Ques No: 291,QuesID : 793950

Subject: Gynaecology & Obstetrics

Topic: Obstetrics

Sub-Topic:

WHO defines maternal death as

O1:

Death after delivery

O2:

Death from full-term pregnancy within 24 hr of delivery

O3:

Death during pregnancy and within 1 year after delivery

O4:

Death during pregnancy and within 6 weeks of delivery

Ans: 4

Ques No: 292,QuesID : 793962

Subject: Medicine



Topic: Cardiology

Sub-Topic:

21. Identify the false statement regarding management of NSTEMI

O1:

a. Aspirin loading dose should be commenced immediately

O2:

ACC/AHA guidelines call for either a P2Y12 inhibitor (clopidogrel, prasugrel or ticagrelor) as a class I recommendation

O3:

Glycoprotein IIB/IIIA inhibitors are useful adjuncts

O4:

d. Fibrinolytic therapy is useful in acute coronary syndrome without ST-segment elevation

Ans: 4

Ques No: 293, QuesID : 793964

Subject: Microbiology

Topic: Mycology

Sub-Topic:

A farmer presents with a swollen foot and multiple sinuses as shown in the below image. What is the most likely diagnosis?



O1:

Mycetoma

O2:

Squamous cell carcinoma

O3:

Nocardia

O4:

Sporotrichosis

Ans: 1

Ques No: 294, QuesID : 793967

Subject: Medicine

Topic: Infections

Sub-Topic:



20. What is the drug of choice for Legionnaire's disease?

O1:

a. Vancomycin

O2:

b. Azithromycin

O3:

c. Streptomycin

O4:

Erythromycin

Ans: 2

Ques No: 295, QuesID : 793973

Subject: Medicine

Topic: Fluids and Electrolyte

Sub-Topic:

19. The arterial blood gas findings of a patient are pH = 7.12, pCO₂ = 50, HCO₃ = 28. What is the diagnosis?

O1:

a. Respiratory acidosis with metabolic compensation

O2:

b. Metabolic acidosis with respiratory compensation

O3:

c. Respiratory alkalosis with metabolic compensation

O4:

Metabolic alkalosis with respiratory compensation

Ans: 1

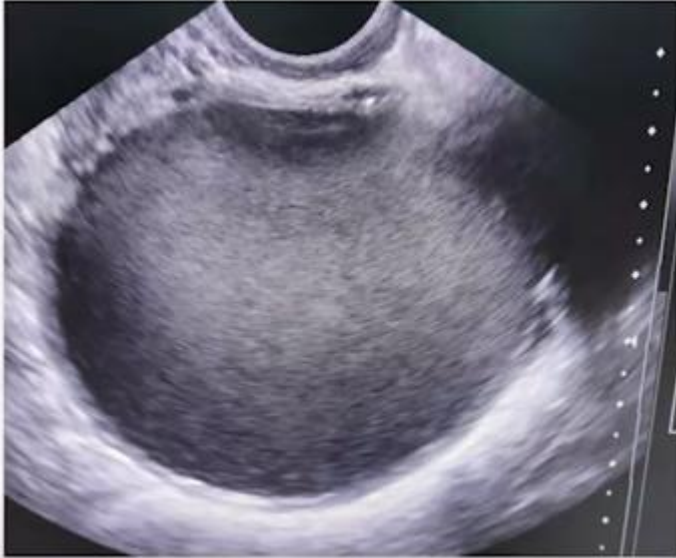
Ques No: 296, QuesID : 793959

Subject: Gynaecology & Obstetrics

Topic: Gynecology

Sub-Topic:

What should be the treatment for an 8 cm endometrial cyst?



O1:
Needle aspiration

O2:
Cystectomy

O3:
Give GnRH

O4:
Conservative since asymptomatic

Ans: 2

Ques No: 297, QuesID : 793969

Subject: Microbiology

Topic: Virology

Sub-Topic:

A child infected with a negative sense RNA virus which also contains neuraminidase receptors. What is the causative organism?

O1:
Respiratory syncytial virus

O2:
Influenza virus

O3:
Parainfluenza virus

O4:
Newcastle disease virus

Ans: 2

Ques No: 298, QuesID : 793977

Subject: Medicine

Topic: Oncology



Sub-Topic:

18. Which of the following is used in the management of tumor lysis syndrome?

O1:

a.Rasburicase

O2:

b.Rituximab

O3:

c.Gemtuzumab

O4:

d.Alemtuzumab

Ans: 1

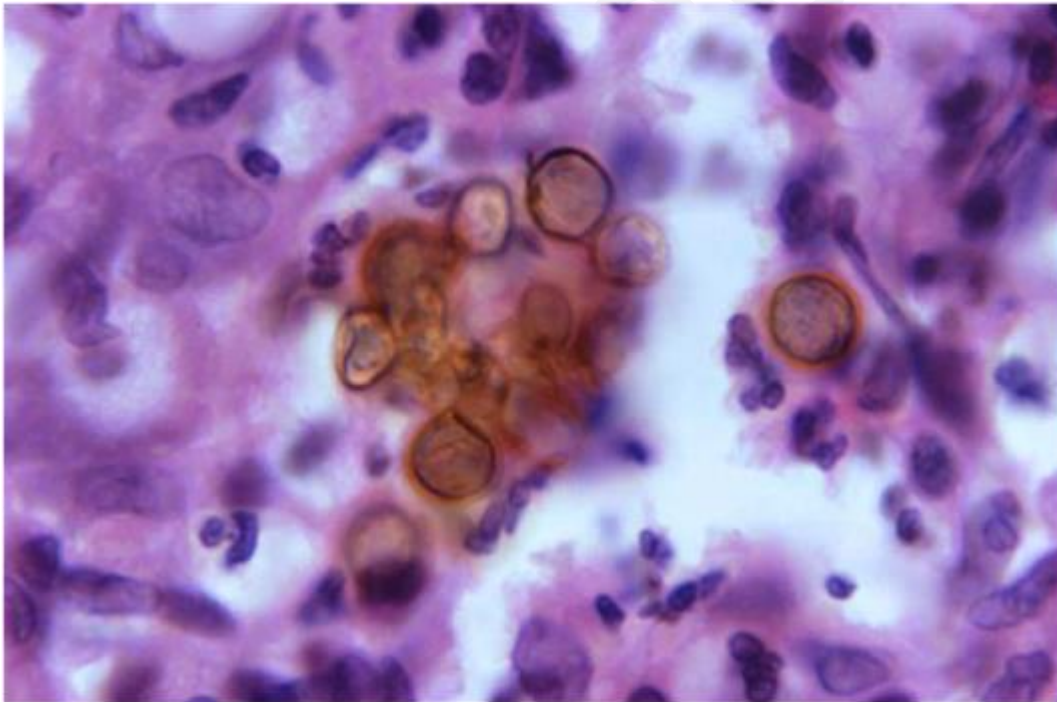
Ques No: 299, QuesID : 793975

Subject: Microbiology

Topic: Mycology

Sub-Topic:

A farmer presents with a warty cutaneous growth on his foot. A histopathological image of the growth is given below. Which of the following is the most likely diagnosis?



O1:

Sporotrichosis

O2:

Mycetoma

O3:

Chromoblastomycosis



O4:

Phaeohyphomycosis

Ans: 3

Ques No: 300, QuesID : 793981

Subject: Microbiology

Topic: General Microbiology

Sub-Topic:

Of the following, which organism cannot be grown on an artificial culture media?

O1:

Mycobacterium leprae

O2:

Staphylococcus aureus

O3:

Mycobacterium tuberculosis

O4:

Streptococcus pneumoniae

Ans: 1

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