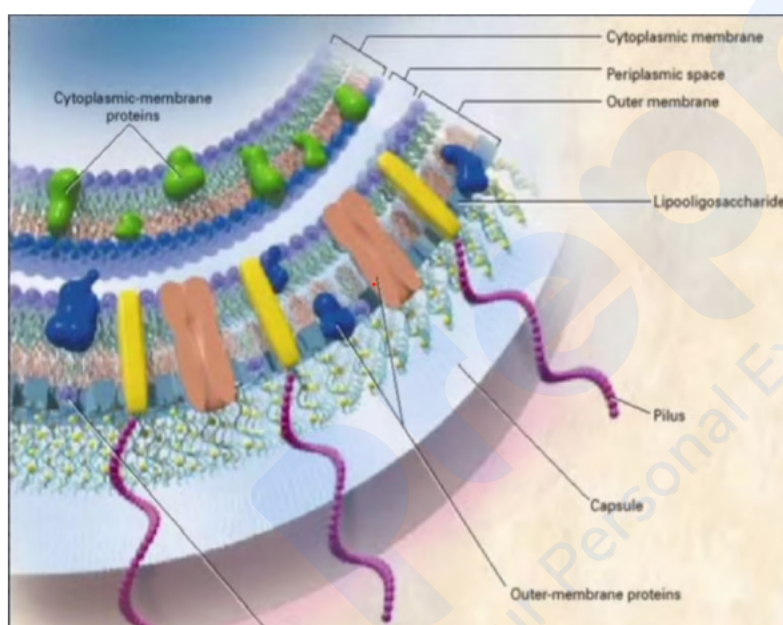


INI CET 2023 Memory Based Question Paper PDF

Q1. Match the following- incubation periods

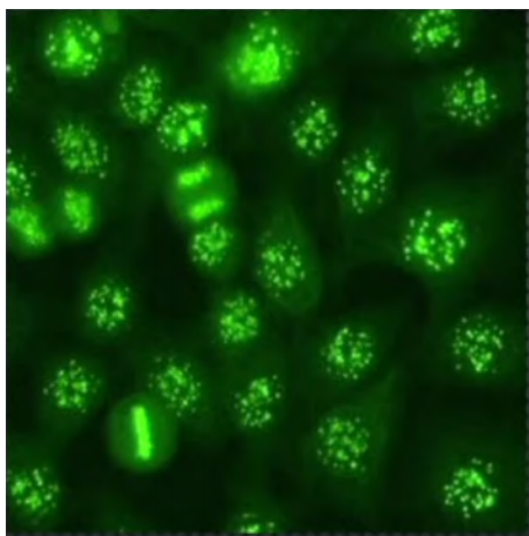
Ans.

- A. Syphilis= 9-90 days
- B. SARS CoV2= 10 days
- C. Chicken pox= 14-21 days
- D. Hepatitis A= 50 days

Q2. IBQ

- A. E.coli
- B. Neisseria meningitidis
- C. Staphylococcus
- D. Pseudomonas

Q3. Following ANA Pattern if it's seen, identify the pattern?



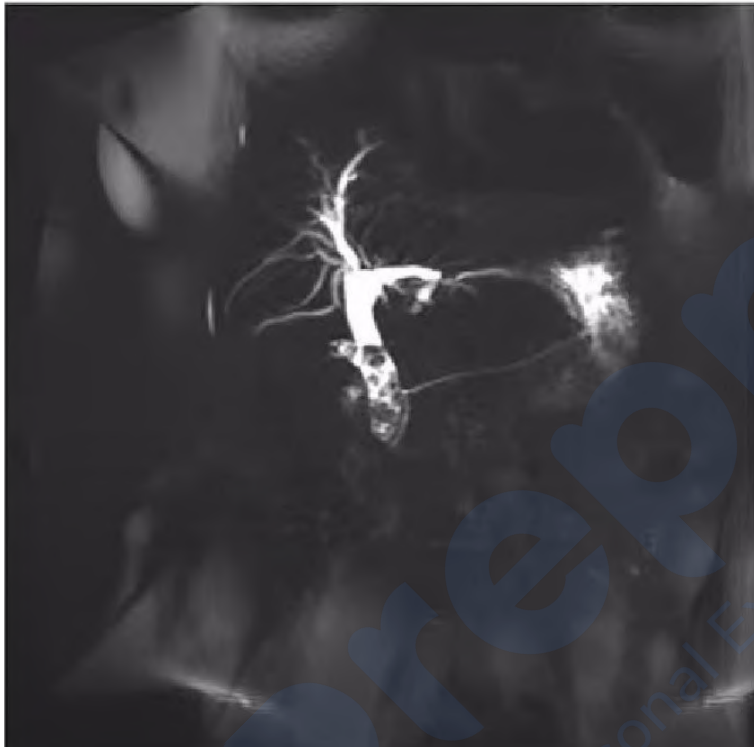
- A. NUCLEOLAR
- B. SPECKLED
- C. CENTROMERIC
- D. DIFFUSE

Q4. Which of the following points are in favour of the malignancy of the given X-ray?



- A. Growth along medullary cavity
- B. Hyaline cap thickness >2 cm
- C. Infection of the adjoining bone
- D. None of the above

Q5. What is the diagnosis of the case shown in the image below?

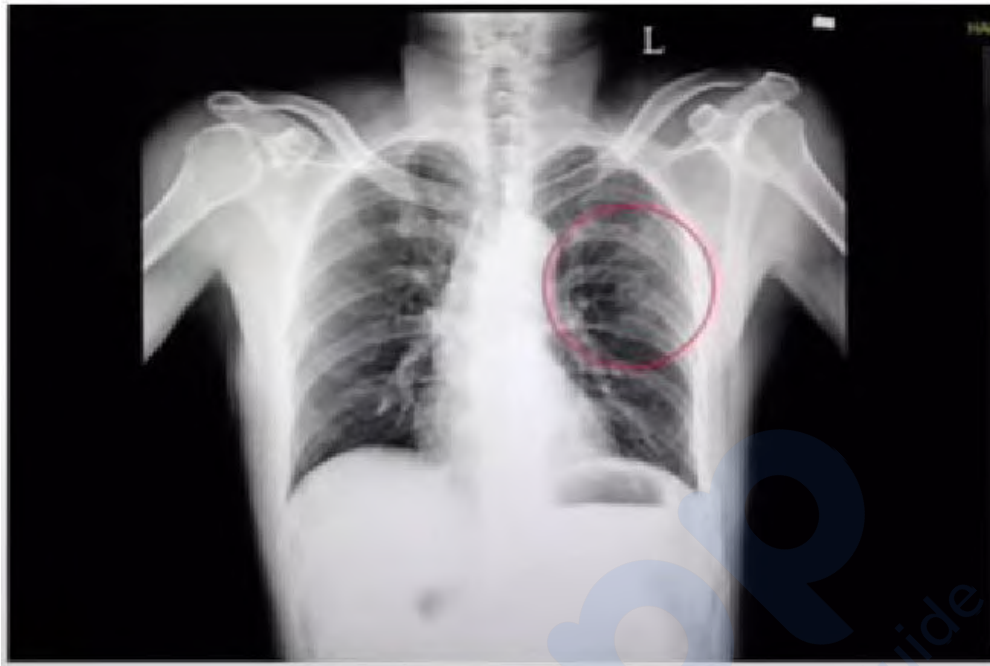


- A. Choledocholithiasis
- B. CBD Stricture
- C. Cholelithiasis
- D. Pancreatic duct calculi

Q6. What is not an advantage of USG over mammography:

- A. USG can be used to detect mammography undetectable tumours which are palpable.
- B. Can be used to differentiate solid vs cystic lesions.
- C. Can be used for guided biopsy.
- D. In young females with dense breast

Q7. A young patient met with a road traffic accident and now presented to the casualty and a chest Xray was performed. Which of the ribs are fractured?



- A. 4,5,6,7
- B. 3,4,5,6
- C. 2,3,4,5
- D. 1,3,4,5

Q8. Match the following with their regards to thyroid swelling obstruction:

A) Trachea	1) Dysphagia
B) Oesophagus	2) Hoarseness of voice
C) Recurrent laryngeal nerve	3) Horner's Syndrome
D) Sympathetic chain	4) Dyspnea

Select the correct answer from the given below code:

- A. A2, B4, C1, D3
- B. A1, B2, C3, D4
- C. A4, B1, C2, D3
- D. A4, C1, B2, D3

Q9. A young patient presented with a swelling above the knee joint which was increasing slowly for the last few years and now presented with sudden increase in size. A radiograph performed showed the following findings. Which of the statements given below is correct regarding malignant transformation of the lesion?



- A. Thickness of cartilaginous cap > 2 cm on MRI
- B. Growth towards the joint instead of moving away from it.
- C. Continuation with the marrow cavity on Imaging
- D. New appearance of Pain

Q10. What is the diagnosis of the given USG image?



- A. GB Polyp
- B. Cholelithiasis
- C. Phrygian cap
- D. Floating Gallbladder

Q11. Banana sign USG is commonly seen in which of the following?

- A. Omphalocele
- B. Spina bifida
- C. Anencephaly
- D. Encephalocele

Q12. A young patient presented with mild fever and right upper quadrant pain for the last 7 days. On USG, a Hypoechoic lesion with irregular border is seen in posterior superior aspect of right lobe of the liver. What is the most likely diagnosis?

- A. Amoebic abscess
- B. Liver abscess

- C. Hydatid cyst &
- D. ??

Q13. Which of the following deficiencies can cause Xanthinuria?

- A. Manganese
- B. Magnesium
- C. Molybdenum
- D. Zinc

Q14. Which enzyme deficiency causes Pompe's disease?

- A. Lysosomal alpha glucosidase
- B. Muscle Glycogen Phosphorylase
- C. Glucose 6 phosphatase
- D. Beta glucosidase

Q15. Xanthurenic Acid is excreted in urine due to the deficiency of?

- A. B6
- B. B1
- C. B2
- D. B12

Q16. Calculate Anion Gap:

Na: 145

K: 4

Cl: 30

HCO3: 18

- A. 35
- B. 44
- C. 28
- D. 12

Q17. True about Iron Deficiency anaemia

- A. Low Iron
- B. Low Ferritin
- C. High Total Iron Binding Capacity
- D. Low Transferrin Saturation

Q18. Template strand is 5' CGTTATTTACTA3'. If this is transcribed by RNA polymerase, the sequence of the new RNA will be

- A. 5'GCAATAAATGAT3'
- B. 5'GCAAUAAAUGAUS'
- C. 5'UAGUAAAUAACG3'
- D. 5'CGUUAUUUACUA3'

Q19. Thermic effect is:

- A. Highest for fats
- B. Highest for carbohydrates
- C. Highest for proteins
- D. Equal for all the fuels

Q20. Which is false about collagen?

- A. Phenylalanine is the most abundant amino acid
- B. It is a fibrillar protein

- C. Hydroxyproline and proline are present
- D. Cross Linkage formation uses Vitamin C and Copper

Q21. A mother while kissing the child finds the sweat of the child to be salty. Which of the following channels is affected?

- A. Sodium
- B. Chloride
- C. Potassium
- D. Iodide

Q22. A young boy with Type I diabetes presents with unconsciousness. His urine is subjected to a test and the result is provided below. The test that is done is?



- A. Benedict's test
- B. Rothera's test
- C. Biuret Test
- D. Fouchet test

Q23. Barth syndrome presents with heart failure. Deficiency of which of the following structures in mitochondrial membrane is the cause of this syndrome?

- A. Lysolecithin
- B. Plasmalogen
- C. Lecithin
- D. Cardiolipin

Q24. SRY gene is located in?

- A. Long arm of chromosome X
- B. Long arm of chromosome Y
- C. Short arm of chromosome Y
- D. Short arm of chromosome X

Q25. Massive Blood Transfusion causes all of the following except:

- A. Hypokalemia
- B. Hypocalcemia
- C. Hypomagnesemia
- D. Alkalosis

Q26. Severe vomiting leads to:

- A. Hypokalemia
- B. Hypochloremia
- C. Metabolic alkalosis
- D. Respiratory Alkalosis

Q27. Liver can't utilise ketone bodies because of lack of?

- A. Thiolase
- B. Thiophorase
- C. Thioesterase
- D. HMG CoA synthase

Q28. The hormone which acts through the JAK STAT pathway is?

- A. Calcitonin
- B. Leptin
- C. Aldosterone
- D. Vasopressin

Q29. Cholestasis is mediated through defects of which of the following proteins?

- A. OAT1b1
- B. MRP3
- C. ABCA1
- D. MRP2

Q30. A 27 years old female present with thyroid swelling that compresses the nearby structures. Which of the following symptoms is not seen in this patient?

- A. Hoarseness of voice due to recurrent laryngeal nerve compression
- B. Dysphagia due to oesophagus compression.
- C. Superior vena cava syndrome
- D. All of the above

Q31. A 14 years old female patient presents to the ENT OPD complaints that she can understand the language and hears the sound. But unable to understand the meaning. Her Pure tone audiometry and ABR is normal. What is the likely diagnosis in this patient?

- A. Malingering
- B. Wernicke's aphasia/auditory neuropathy
- C. Otosclerosis
- D. Michael aplasia

Q32. Non scarring alopecia is associated with all except ?

- A. Alopecia areata
- B. Androgenetic alopecia
- C. Frontal fibrosing alopecia
- D. Telogen effluvium

Q33. A 24 years old male presents with asymptomatic scaly lesions over the body as shown in the image below. What is the likely diagnosis?



- A. Lichen planus
- B. Pityriasis Rosea
- C. Seborrheic Dermatitis
- D. Atopic Dermatitis

Q34. Statement 1 - A 59 year old patient presents with flaccid blisters. Histopathology shows suprabasal acantholytic split.

Statement 2 - Row of tombstones is diagnostic of Pemphigus vulgaris.

- A. Statement 1 & 2 are correct, 2 is not explaining 1
- B. Statement 1 is incorrect
- C. Statement 1 and 2 is incorrect
- D. Statement 1 and 2 are correct and 2 is the correct explanation for

Q35. A 60 year old female presents with eczematous itching - lesions,

Biopsy revealed subepidermal cleft with Direct Immunofluorescence showing Linear C3 & IgG deposition along basement membrane zone.

What Is the likely diagnosis?

- A. Pemphigus vulgaris
- B. Bullous Pemphigoid
- C. Dermatitis herpetiformis
- D. Pemphigus foliaceus

Q36. Slapped cheek appearance is associated with which of the following ?

- A. Erythema infectiosum
- B. Molluscum contagiosum
- C. Herpes zoster
- D. Kaposi sarcoma