INI CET 2023 January Session: Memory-Based Questions and Answer Solutions

Q.A 24 year old patient with history of neck swelling on right side of thyroid which moves with deglutition predisposes to risk of development of which cancer?

A.Papillary carcinoma of Thyroid

Q.Which molecules help in movement of leucocytes across endothelial cells

A.Pecam

Q.Match the following

Kupffer cells—Liver

Parietal cells-Stomach

Dust cells-Lung

Clara cells-Lung

Q.The given ps is associated with which type of Leukemia?

A. CLL

Q.WBC count 4,50,000/UL with eosinophilia and basophilia diagnosis?

A. CML

Q.10 yr boy with hemoglobin 7.6 g/dl mcv-56, mch-22, SR ferritin-150, total leukocytes 7600, Lymphocytes-60%, Neutrophils-30%

A. Thalassemia

Q.Maximum amplitude in teg image

A.Platelets

Q.Identify the image given below

Q Gaucher's disease

Q.Senile atrophy is due to

A.Blood supply

Q.Which of the following markers will be positive in Hodgkin's lymphoma?

A.CD 15 & CD 30

Q.Absent graft vs host reaction in patient with bare lymphocyte disease is due to deficiency of

A.MCH 11

Q.Which of the following Cytokines are not seen in TH1?

A.IL2 /TGF B

Q.Mass in Stomach, CD 117 positive but Cytokeratin, s 100 negative

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A. GIST

Q.Which of the following is true

A.

1.Kit for gist

2.K-RAS amplification for lung

3.ERBB for breast

Q.True about Sirtuins?

A.Promotes genes which increase longevity

Q.Which of the following is true regarding Hemophilia A?

A.

1.Factor 8 deficiency

2.X linked recessive inheritance

3.More common in males

Q.Hooch tragedy is due to

A.Methyl Alcohol

Q.Female of reproductive age sudden onset headache advised to NCCT

A. LMP

Q.Which is not a criteria for SIRS?

A.

- Temp > 38 degree celcius
- RR>20 mm
- PR>90 mm

Q.Identify the instrument

A.Klima's needle

Q.Deranged LFT with liver enzyme (SGPT, SGOT, GGT). Which will you prefer?

A. Oxazepam

Q.Which interleukin is not involved in TH1 response?

A.I L- 4

Q.Refsum disease occurs due to

A.Defective alpha oxidation of FA in Peroxisome

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Q.Which of the following not used to diagnose Breast carcinoma

A.PET CT

Q.Gas under Diaphragm for patient with Peptic ulcer disease. What would you do?

A.

1.IV Fluids

2.Exp. Laparotomy

Q.Benefits of laparoscopic surgery?

A.

1.Better cosmesis

2.Less pain

3.Early ambulation

Q.Most common moderate to severe cause of blindness in India

A.Glaucoma

Q.Common sequalae of covid

A.Follicular Conjunctivitis

Q.Stains matching leprosy fite farce

A.Congo red-Amyloid

Q.Water absorption from PCT in the absence of ADH is

A.Isotonic

Q.Anion gap is seen in

A.Metabolic acidosis

Q.Hemiballismus caused by lesions in

A.Subthalamic nuclei

Q.Which interleukin not involved in TH1

A. IL4

Q.Class switching in IgM and IgD heavy chain remain constant. Which property?

A.Differential property

Q.Which virus causes antigenic shift?

A.Influenza virus

Q.Absent graft vs host reaction after transfusion is due to deficiency of

A.MHC 1

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Q.Glycogen Phosphorylase is activated directly or indirectly by

A.Calcium

Q.Brunt sugar smell of urine is because of defect of

A.Branched chain keto acid dehydrogenase

Q.Cystic Fibrosis is caused by which of the following deletion?

A.Phenylalanine at 508

Q.The significance of HMP shunt are all except

A.Utilises ribose

Q.Refsum's disease is caused by the defect of

A.Alpha oxidation of branched chain fatty acids

Q.SARS CoV2 diagnosis is done by all except

A.Southern Blotting

Q.Selenocysteine is present in which of the following enzymes?

A.Glutathione Peroxidase

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