**AIIMS 2008 Solved Question Paper**

In a subclavian artery block at the outer border of first rib all of the following vessels help in maintaining the circulation to upper limp except?

|  |
| --- |
|  |
|  | A. Thyrocervical trunk |
|  | B. Suprascapular a |
|  | C. Sub scapular a |
|  | D. Superior thoracic a. |

Fascia around nerve bundle of brachial plexus is derived from?

|  |
| --- |
|  |
|  | A. Prevertebral fascia |
|  | B. Clavipectoral fascia |
|  | C. Deep cervical fascia |
|  | D. Pectoral fascia |

Buccinator muscle is pierced by all except?

|  |
| --- |
|  |
|  | A. Buccal br of facial n. |
|  | B. Mucus gland of buccopharyngeal fascia |
|  | C. Parotid duct |
|  | D. Buccal br of mandibular n. |

Which of the following brainstem nuclei is not derived from alar plate?

|  |
| --- |
|  |
|  | A. Hypoglossal nuclei |
|  | B. Inferior olivary nucleus |
|  | C. Dentate nucleus |
|  | D. Substantis nigra |

Which is not a permanent mucosal fold?

|  |
| --- |
|  |
|  | A. Gastric rugae |
|  | B. Spiral valve |
|  | C. Transverse rectal fold |
|  | D. Plica semilunaris |

Not a boundary of triangle of auscultation?

|  |
| --- |
|  |
|  | A. Scapula |
|  | B. Trapezius |
|  | C. Latissimus dorsi |
|  | D. Serratus anterior |

Spleen projects into the following space of peritoneal cavity?

|  |
| --- |
|  |
|  | A. Greater sac |
|  | B. Paracolic gutter |
|  | C. Left subhepatic space |
|  | D. Infracolic compartmen |

Sternocleidomastoid is not supplied by?

|  |
| --- |
|  |
|  | A. Superior thyroid a. |
|  | B. Thyrocervical trunk |
|  | C. Occipital a |
|  | D. Post auricular a |

Which of the following is the terminal group of lymph node in coeliac axis?

|  |
| --- |
|  |
|  | A. Preaortic |
|  | B. Lateral sacral |
|  | C. Para colic |
|  | D. Intermediate gp. |

Nitrogen narcosis is caused due to?

|  |
| --- |
|  |
|  | A. Increased susceptibility of neurons for nitrogen |
|  | B. Nitrogen inhibits dismutase enzyme |
|  | C. Decrease in oxygen free radicals |
|  | D. Increased production of nitrous oxide |

Csf pressure depends primarily upon?

|  |
| --- |
|  |
|  | A. Rate of formation from choroid plexus |
|  | B. Rate of absorption |
|  | C. Cerebral blood flow |
|  | D. Blood pressure |

All are non functional plasma enzymes except?

|  |
| --- |
|  |
|  | A. Lipoprotein lipase |
|  | B. Hormone sensitive lipase |
|  | C. Alkaline phosphatase |
|  | D. Prostate specific phosphatase |

Maximum post prandial motility is seen in?

|  |
| --- |
|  |
|  | A. Ascending colon |
|  | B. Descending colon |
|  | C. Sigmoid colon |
|  | D. Transeverse colon |

Vagal stimulation of heart causes?

|  |
| --- |
|  |
|  | A. Increased hr |
|  | B. Increased rr interval |
|  | C. Increased cardiac output |
|  | D. Increased force of contraction |

Cells present in cerebral cortex are all except?

|  |
| --- |
|  |
|  | A. Bipolar cells |
|  | B. Purkinje cells |
|  | C. Golgi cells |
|  | D. Granule cells |

Which does not lies in medulla?

|  |
| --- |
|  |
|  | A. Collecting duct |
|  | B. Jg apparatus |
|  | C. Vasa recta |
|  | D. Loop of henle |

mineralocorticoid receptors are present in all except?

|  |
| --- |
|  |
|  | A. Liver |
|  | B. Glomerular tubules |
|  | C. Colon |
|  | D. Hippocampus |

Which is true?

|  |
| --- |
|  |
|  | A. Clearance of a substance is greater than gfr if tubular secretion occours |
|  | B. Clearance of a subs is always increased if there is tubular secretion |
|  | C. Descending loh has hypotonic urine |
|  | D. Descending loh is permeable to solutes |

Mean circulating filling pressure is?

|  |
| --- |
|  |
|  | A. Difference between central venous pressure and central arterial pressure |
|  | B. Mean atrial pressure |
|  | C. Arterialpressure taken just at the point when heart stops beating |
|  | D. Difference between systemic and pulmonary arterial pressure |

which is true about presynaptic inhibition?

|  |
| --- |
|  |
|  | A. Occours due to hyperpolarisation of presynaptic membrane |
|  | B. Occours due to inhibition of release of neurotransmitter from presynaptic terminal |
|  | C. Produces action potential |
|  | D. None of these |

Circadian rhythm is controlled by?

|  |
| --- |
|  |
|  | A. Suprachiasmatic nucleus |
|  | B. Median eminence |
|  | C. Paramedian nu |
|  | D. Supraoptic nuclei |

dna without introns is?

|  |
| --- |
|  |
|  | A. B dna |
|  | B. Z dna |
|  | C. Nuclear dna |
|  | D. Mitochondrial dna |

All are true about glutathione except?

|  |
| --- |
|  |
|  | A. Converts hemoglobin to methemoglobin |
|  | B. Decreases free radicals |
|  | C. Helps in conjugation reaction |
|  | D. Co factor of various enzymes |

Ribosome has followin enzymatic activity?

|  |
| --- |
|  |
|  | A. Peptidyl transferase |
|  | B. Amino acyl t rna synthetase |
|  | C. Peptidase |
|  | D. None of these |

Glowing of firefly is due to?

|  |
| --- |
|  |
|  | A. Atp |
|  | B. Nadh |
|  | C. Gtp |
|  | D. Phospho creatinine |

In carboxylation of clotting factors by vit k which amino acid is carboxylated?

|  |
| --- |
|  |
|  | A. Aspartate |
|  | B. Glutamate |
|  | C. Histamine |
|  | D. Histidine |

Synthesis of a immunoglobulin in membrane bound or independent form is determined by?

|  |
| --- |
|  |
|  | A. One turn two turn joining rule |
|  | B. Allelic exclusion |
|  | C. Class switching |
|  | D. Differential rna processing |

phosphorlase b is inhibited by?

|  |
| --- |
|  |
|  | A. Atp |
|  | B. Amp |
|  | C. Glucose |
|  | D. Calcium |

In metabolism of xenobiotics all of the followin reactions occour in phase one except?

|  |
| --- |
|  |
|  | A. Conjugation |
|  | B. Reduction |
|  | C. Hydrolysis |
|  | D. Oxidation |

Which is not a second messenger?

|  |
| --- |
|  |
|  | A. Amp |
|  | B. Guanyl cyclase |
|  | C. Dag |
|  | D. Ip3 |

Structure of proteins can be determined by all except?

|  |
| --- |
|  |
|  | A. Mass spectrometry |
|  | B. Nmr spectrometry |
|  | C. Hplc |
|  | D. None of these |

Functions of thiamine?

|  |
| --- |
|  |
|  | A. Co enzyme of pyruvate dehydrogenase and alpha keto dehydrogenase |
|  | B. Co enzyme of trans ketolase |
|  | C. Both of them |
|  | D. None of these |

Replacin alanine by which amino acid will increase the absorbance of proteins at 280nm?

|  |
| --- |
|  |
|  | A. Leucine |
|  | B. Tryptophan |
|  | C. Proline |
|  | D. Arginine |

Thalidomide is not used in?

|  |
| --- |
|  |
|  | A. Hiv related neuropathy |
|  | B. Erythema nodosum leprosum |
|  | C. Aphthous ulcer |
|  | D. Bechets ds |

Drugs used for detrusor instability are all except?

|  |
| --- |
|  |
|  | A. Flavoxate |
|  | B. Solifenacin |
|  | C. Duloxetine |
|  | D. Tiaperetide |

Which is not an alkylating agent?

|  |
| --- |
|  |
|  | A. Cyclophosphamide |
|  | B. Busulphan |
|  | C. 5fu |
|  | D. Melphalan |

Ifosfamide belongs to which class?

|  |
| --- |
|  |
|  | A. Alkylating agent |
|  | B. Anti metabolite |
|  | C. Taxanes |
|  | D. Antibiotics |

Doc for refractory histiocytosis?

|  |
| --- |
|  |
|  | A. Cladarabine |
|  | B. Fludarabine |
|  | C. Cytosine arabinoside |
|  | D. High dose methotrexate |

Tnf alpha inhibitors are contraindicated in?

|  |
| --- |
|  |
|  | A. Sle |
|  | B. Seronegative spondyloarthritis |
|  | C. Psoriatic arthritis |
|  | D. Rheumatoid arthritis |

True about acarbose are a/e?

|  |
| --- |
|  |
|  | A. Controls both pre and post prandial hyperglycemia |
|  | B. It decreases fibrinogen level |
|  | C. Its an alpha glucosidase inhibitor |
|  | D. It delays progression of diabetes |

A female has hypopigmented leison on centre of forehead.drug responsible is?

|  |
| --- |
|  |
|  | A. Hydroquinone |
|  | B. Ether metabolite of hydroquinone |
|  | C. Para tetra butyl catechol |
|  | D. Para tetra butyl phenol |

Dose of which cephalosporin is not reduced in renal insufficiency?

|  |
| --- |
|  |
|  | A. Cefixime |
|  | B. Cefoperazone |
|  | C. Cefipime |
|  | D. None of these |

Which of the following does not contribute to digoxin toxicity?

|  |
| --- |
|  |
|  | A. Hyperkalemia |
|  | B. Hypercalcemia |
|  | C. Renal failure |
|  | D. Hypomagnesemia |

Which drug used intreatment of osteoporosis causes both bone formation and decreased bone resorption?

|  |
| --- |
|  |
|  | A. Bisphosphonate |
|  | B. Strontiun ranoxalate |
|  | C. Terapeptide |
|  | D. Calcitonin |

Which of the following drugs can be used in renal failure?

|  |
| --- |
|  |
|  | A. Lorazepam |
|  | B. Metronidazole |
|  | C. Theophyllne |
|  | D. Acetaminophen |

A girl on sulphonamides developed abdominal pain and presented to emergency with seizure.what is the probable cause?

|  |
| --- |
|  |
|  | A. Acute intermittent porphyria |
|  | B. Congenital erythropoietic porphyria |
|  | C. Inf mononcleosis |
|  | D. Kawasakis ds |

Mhc is loccated on which chromosome?

|  |
| --- |
|  |
|  | A. 10 |
|  | B. 6 |
|  | C. X |
|  | D. 13 |

brca 1 is located on chromosome?

|  |
| --- |
|  |
|  | A. 13 |
|  | B. 11 |
|  | C. 17 |
|  | D. 22 |

Gene for folate carrier protein is located on chromosome?

|  |
| --- |
|  |
|  | A. 5 |
|  | B. X |
|  | C. 21 |
|  | D. 9 |

All are true about thrombotic thrombocytopenic purpura except?

|  |
| --- |
|  |
|  | A. Microangiopathic hemolytic anemia |
|  | B. Thrombocytopenia |
|  | C. Normal complement level |
|  | D. Thrombosis |

Essential for tumour metastasis is?

|  |
| --- |
|  |
|  | A. Angiogenesis |
|  | B. Tumorogenesis |
|  | C. Apoptosis |
|  | D. Inhibition of tyrosine kinase activity |

Common complement component for both pathways is?

|  |
| --- |
|  |
|  | A. C3 |
|  | B. C5 |
|  | C. C1q |
|  | D. C8 |

Enzme responsible for respiratory burst is?

|  |
| --- |
|  |
|  | A. Oxidase |
|  | B. Dehydrogenase |
|  | C. Peroxidase |
|  | D. Catalase |

Most potent stimulator of naÃ¯ve t cell is?

|  |
| --- |
|  |
|  | A. Mature dendritic cell |
|  | B. Follicular dendritic cell |
|  | C. Macrophage |
|  | D. B cell |

Nitroblue tetrazolium test is used for?

|  |
| --- |
|  |
|  | A. Phagocytes |
|  | B. Complement |
|  | C. T cell |
|  | D. B cell |

Hypersensitivity vasculitis is seen in?

|  |
| --- |
|  |
|  | A. Post capillary venules |
|  | B. Arterioles |
|  | C. Veins |
|  | D. Capillaries |

Biosaftey precaution grade iii is practiced in all except?

|  |
| --- |
|  |
|  | A. Human influenza virus |
|  | B. St louis encephalitis virus |
|  | C. Coxiella burnetti |
|  | D. Mycobacterium tuberculosis |

Most common species of pseudomonas causing intravenous cathrter related infections?

|  |
| --- |
|  |
|  | A. P. Cepacia |
|  | B. P. Areuginosa |
|  | C. P. Maltiphila |
|  | D. P. Mallei |

Lab diganosis to confirm for dengue is?

|  |
| --- |
|  |
|  | A. Igm elisa |
|  | B. Cft |
|  | C. Tissue culture |
|  | D. Electron microscopy |

A gardener has multiple vesicles on hand and multiple eruption s along the lymphatics. Most common fungus responsible is?

|  |
| --- |
|  |
|  | A. Sporothrix shenkii |
|  | B. Cladosporium |
|  | C. Histoplasma |
|  | D. Candida |

Which is not a rna virus?

|  |
| --- |
|  |
|  | A. Ebola |
|  | B. Simian 40 |
|  | C. Rabies |
|  | D. Vesicular stomatitis virus |

True about prion is?

|  |
| --- |
|  |
|  | A. Are virus coded |
|  | B. Cause misfolding of proteins |
|  | C. Cleave protein |
|  | D. Defect in folding of proteins |

Al are true about bacteriophage except?

|  |
| --- |
|  |
|  | A. Helps in transduction of bacteria |
|  | B. Imparts toxigenicity to bacteria |
|  | C. Can transper chromosomal gene |
|  | D. None of these |

A girl from shimla presented to opd with fever malaise and axillary and inguinal lymphadenopathy.culture shows stalactite growth.causative organism is?

|  |
| --- |
|  |
|  | A. Yersinia pestis |
|  | B. Francisella |
|  | C. Pseudomonas |
|  | D. None of these |

True about carbohydrate antigen are all except?

|  |
| --- |
|  |
|  | A. Has low immunogenicity |
|  | B. Memory response seen |
|  | C. Causes polyclonal b cell stimulation |
|  | D. Does not stimulate t cell |

Which of the following is true about isotypic variation?

|  |
| --- |
|  |
|  | A. Subtle amino acid changes due to allelic differences |
|  | B. Changes in aa heavy and light chain in variable region |
|  | C. Changes in heavy n light chain in constant region responsible for class and subtype |
|  | D. These are areas in antigen that bind specifically to antibody |

True about hybridoma technique are a/e?

|  |
| --- |
|  |
|  | A. Narmal activated b cellsmyeloma cells |
|  | B. Myeloma cells selective mutation in salvage pathway, vigorous proliferation in hat medium |
|  | C. Thymidine kinase and hgprt catalyse he salvage pathway |
|  | D. Aminopterin a folic antagonist, inhibits de novo nucleotide synthesis |

Hydrocution refers to?

|  |
| --- |
|  |
|  | A. Drowning in cold water |
|  | B. Electrocution in water |
|  | C. Post mortem immersion |
|  | D. Immersion in boiling water |

Not a constituent of embalming fluid?

|  |
| --- |
|  |
|  | A. Phenol |
|  | B. Ethanaol |
|  | C. Formalin |
|  | D. Glycerine |

A man working as a pest killer comes to opd with pain abdomen and garlic odour in breath with transverse lines on nails.posoning is due to?

|  |
| --- |
|  |
|  | A. Lead |
|  | B. Arsenic |
|  | C. Mercury |
|  | D. Cadmium |

Kaplan meier method is used for?

|  |
| --- |
|  |
|  | A. Survival |
|  | B. Prevalance |
|  | C. Incidence |
|  | D. Frequency |

Incidence can be calculated by?

|  |
| --- |
|  |
|  | A. Case control study |
|  | B. Cross sectional study |
|  | C. Prospective study |
|  | D. Retrospective study |

False about indian reference female is?

|  |
| --- |
|  |
|  | A. Weighs 55 kg |
|  | B. Age 20-39yrs |
|  | C. 8 hours of moderate work |
|  | D. Walking and recreation for 2 hours |

Not true about breast milk is?

|  |
| --- |
|  |
|  | A. Maximum output is seen at 12 month |
|  | B. Breast milk protein is a reference protein |
|  | C. Calcium utilization from breast milk is more than cows milk |
|  | D. Coefficient of absorption of iron is 70% |

lepromin test is ured for?

|  |
| --- |
|  |
|  | A. Diagnosis |
|  | B. Treatment |
|  | C. Prognosis |
|  | D. Epidemiological investigation |

Fish is a poor source of?

|  |
| --- |
|  |
|  | A. Iron |
|  | B. Phosphorus |
|  | C. Iodine |
|  | D. Vit a |

True about bcg vaccination is?

|  |
| --- |
|  |
|  | A. Tuberculin test is positive after 6 weeks of vaccination |
|  | B. Inj site should be cleaned with spirit |
|  | C. Who recommends danish1331 strain for vaccine |
|  | D. Diluent uesd is either distilled water or normal saline |

Shortest incubation period is of?

|  |
| --- |
|  |
|  | A. Influenza |
|  | B. Hep b |
|  | C. Hep a |
|  | D. Rubella |

Increase in false positive is seen in?

|  |
| --- |
|  |
|  | A. High prevalance |
|  | B. Low prevalance |
|  | C. High specificity |
|  | D. High sensitivity |

Plastic wrapper of surgical syringe should be discarded in?

|  |
| --- |
|  |
|  | A. Blue bag |
|  | B. Black |
|  | C. Yellow |
|  | D. Red |

False about ddt is?

|  |
| --- |
|  |
|  | A. Contact poison |
|  | B. Residual effect lasts for 18 moths |
|  | C. Causes immediate dath |
|  | D. Permethrin has synergistic action |

All are larva control measures except?

|  |
| --- |
|  |
|  | A. Gambusia |
|  | B. Intermittent irrigation |
|  | C. Ddt |
|  | D. Paris green |

Not a part of safe strategy?

|  |
| --- |
|  |
|  | A. Azithromycin |
|  | B. Vit a supplementation |
|  | C. Face wash |
|  | D. Sanitation |

Best index of contraceptive efficacy is?

|  |
| --- |
|  |
|  | A. Pearl index |
|  | B. Chandelers index |
|  | C. Both of them |
|  | D. None of these |

Test for efficacy of pasteurisation of milk is?

|  |
| --- |
|  |
|  | D. None of these |
|  | A. Methylene blue test |
|  | B. Phosphatase test |
|  | C. Both of them |

Incineration is not done for?

|  |
| --- |
|  |
|  | B. Waste sharp |
|  | C. Cytotoxic dugs |
|  | D. Human anatomical waste |
|  | E. None of these |

Cyclo developmental life cycle is seen in?

|  |
| --- |
|  |
|  | A. Filaria |
|  | B. Malaria |
|  | C. Yellow fever |
|  | D. Plague |

True about NPU?

|  |
| --- |
|  |
|  | A. It gives idea about quality of protein |
|  | B. It is the ratio of total nitrogen retained by total n2 intake multiplied by 100 |
|  | C. Both of them |
|  | D. None of these |

True about maximum isolation period of enteric fever is?

|  |
| --- |
|  |
|  | A. Upto 3 days after starting the treatment |
|  | B. Till 3 consequtive negative stool and urine samples are obtained from the patient |
|  | C. Both of them |
|  | D. None of these |

All are true about nasolabial cyst except?

|  |
| --- |
|  |
|  | A. Arises from odontoid epithelium |
|  | B. Usually bilateral |
|  | C. Presents submucosally in anterior nasal floor |
|  | D. Usually presents in adulthood |

Microwick microcatheter sustained release preparation is used in?

|  |
| --- |
|  |
|  | A. Medication to round window |
|  | B. Control of epistxis |
|  | C. Freis syndrome |
|  | D. Drooling of saliva |

All are seen in horners syndrome except?

|  |
| --- |
|  |
|  | A. Heterochromia iridis |
|  | B. Ptosis |
|  | C. Miosis |
|  | D. Apparent exophthalmos |

Inclusion conjunctivitis is caused by?

|  |
| --- |
|  |
|  | A. Chlamydia psittaci |
|  | B. Chlamydia trachomatis |
|  | C. Both of them |
|  | D. None of these |

Maximum refraction of light is seen in

|  |
| --- |
|  |
|  | A. Cornea |
|  | B. Ant surface of lens |
|  | C. Centrum of lens |
|  | D. Post surface of lens |

What is seen in 6th nerve palsy of left side?

|  |
| --- |
|  |
|  | A. Diplopia in left gaze |
|  | B. Accomodative pareisis of left eye |
|  | C. Ptosis of left eye |
|  | D. Adduction weakness of left eye |

Whiich enzyme is defective in refsums disease?

|  |
| --- |
|  |
|  | A. Phytanic acid oxidase |
|  | B. Succinate thiokinase |
|  | C. Malonate dehydrogenase |
|  | D. None of these |

A 9 yr old girl has difficulty in combing hairs and climbing upstairs since 6 months.she has gowers sign positive and maculopapular rash ovr metacarpo phalangeal joints.what shuold be the next appropriate investigatio to be done?

|  |
| --- |
|  |
|  | A. Esr |
|  | B. Ra factor |
|  | C. Creatine kinase |
|  | D. Electromyography |

Antibody found in myositis is?

|  |
| --- |
|  |
|  | A. Anti jo1 |
|  | B. Anti scl 70 |
|  | C. Anti ds dna |
|  | D. None of these |

A girl on exposure to cold has pallor of extermities followed by pain and cyanosis. In later ages of life she is prone to develop?

|  |
| --- |
|  |
|  | A. Sle |
|  | B. Scleroderma |
|  | C. Ra |
|  | D. Systemic sclerosis |

Which radiological feature would help differentiate rheumatoid arthritis with sle?

|  |
| --- |
|  |
|  | A. Erosion |
|  | B. Juxta articular osteoporosis |
|  | C. Subluxation of mcp joint |
|  | D. Swelling of pip joint |

All are seen in reiters syndrome except?

|  |
| --- |
|  |
|  | A. Subcutaneous nodules |
|  | B. Oral ulcers |
|  | C. Keratoderma belanorrhagicum |
|  | D. Circinate balanitis |

Which of the organism causes reactive arthritis?

|  |
| --- |
|  |
|  | A. Ureaplasma urealyticum |
|  | B. Group a beta hemolytic streptococci |
|  | C. Borrelia burgdorferi |
|  | D. None of these |

All are true about metachromatic leucodystrophy except?

|  |
| --- |
|  |
|  | A. Follows an indolent course and slow to progress |
|  | B. Tissue biopsy is diagnostic |
|  | C. Presents as visual loss and speech abnormality |
|  | D. Involves deep cortical neurons |

Most common cause of mononeuritis multiplex in india is?

|  |
| --- |
|  |
|  | A. Hansens disease |
|  | B. Ra |
|  | C. Tb |
|  | D. Pan |

Wiskott aldrich syndrome is characterised by all except?

|  |
| --- |
|  |
|  | A. Thrombocytopenia |
|  | B. Autosomal recessive |
|  | C. Failure of aggregation of platelets in response to agonists |
|  | D. Eczema |

Spontaneous csf leak occours in all except?

|  |
| --- |
|  |
|  | A. Increased ict |
|  | B. Partial or complete empty sella syndrome |
|  | C. Pseudotumour cerebri |
|  | D. Low risk encephalocoele |

True about fluorescent antibody detection test in diagnosis of plasmodium falcifarum are a/e?

|  |
| --- |
|  |
|  | A. Itâ€™s a immunochromatic test |
|  | B. Detection of histidine rich protein 1 |
|  | C. Detection of lactate dehydrogenase antigen |
|  | D. Detection of aldolase antigen |

Microangiopathic hemolytic anaemia is seen in a/e?

|  |
| --- |
|  |
|  | A. Antiphosphplipid antibody syn |
|  | B. TTP |
|  | C. Microscopic polyangitis |
|  | D. Metallic cardiac valves |

Which of these is not a marker of active replicative phase of chronic hepatitis b?

|  |
| --- |
|  |
|  | A. Hbv dna |
|  | B. Hbv dna polymerase |
|  | C. Anti hbc |
|  | D. Ast & alt |

Vasodialation in spider naevi is due to?

|  |
| --- |
|  |
|  | A. Hepatotoxin |
|  | B. Estrogen |
|  | C. Testosterone |
|  | D. Dhea |

A 29 yr old unmarried female presents with dyspnea, her chest x ray is normal, fvc-92% fevi/fvc-89% dlco-59%. On exercise her oxygen saturation drops from 92% to 86%.what is the diagnosis?

|  |
| --- |
|  |
|  | A. Alveolar hypoventillation |
|  | B. Primary pulmonary hypertension |
|  | C. Interstitial lung disease |
|  | D. Anxiety |

A man on 10 days course of cephalosporins on 8th day of treatment develops hign grade fever and rashes all over the body.what is the diagnosis?

|  |
| --- |
|  |
|  | A. Partially treated meningitis |
|  | B. Type iii hypersensitivity reaction |
|  | C. Kawasakiâ€™s ds |
|  | D. None of these |

Which is false about acrodermatitis enteropathica?

|  |
| --- |
|  |
|  | A. Triad of diarrhoea dmentia dermatitis |
|  | B. Low serum zinc levels |
|  | C. Symptoms improve with zinc supplementation |
|  | D. None of these |

Which of the following features of uremia will not improve with hemodialysis?

|  |
| --- |
|  |
|  | A. Peripheral neuropathy |
|  | B. Percarditis |
|  | C. Seizures |
|  | D. Metabolic acidosis |

Not a major framingham criteria for diagnosis of chf?

|  |
| --- |
|  |
|  | A. Hepatomegaly |
|  | B. Cardiomegaly |
|  | C. S3 gallop |
|  | D. Paroxysmal nocturnal dyspnea |

A 54 yr old smoker man comes with fever hemoptysis weight loss and oligoarthritis. Seriaal skiagram shows fleeting opacities.what is the diagnosis?

|  |
| --- |
|  |
|  | A. Allergic bronchopulmonary aspergillosis |
|  | B. Ca lung |
|  | C. Tb |
|  | D. Wegeners granulomatosis |

Misfolded proteins are seen in a/e?

|  |
| --- |
|  |
|  | A. Prion ds |
|  | B. Multiple sclerosis |
|  | C. Amyloidosis |
|  | D. Creutzfeldt jacob ds |

In a male after laproscopic cholecystectomy carcinoma gall bladder stage ia was detected on histopath. What is the next appropriat management?

|  |
| --- |
|  |
|  | A. Conservative and follow up |
|  | B. Radical portal lymphadenectomy |
|  | C. Radiotherapy |
|  | D. Surgery+radiotherapy |

Boundary of triangle of dom are formed by all except?

|  |
| --- |
|  |
|  | A. Peritoneal fold reflection |
|  | B. Coopers ligament |
|  | C. Testicular vessels |
|  | D. Vas defrens |

Most common site of curlings ulcer in a burns patient is?

|  |
| --- |
|  |
|  | A. Duodenum |
|  | B. Ileum |
|  | C. Colon |
|  | D. Oesophagus |

Most common site of peripheral aneurysm?

|  |
| --- |
|  |
|  | A. Femoral a. |
|  | B. Popliteal a |
|  | C. Brachial a |
|  | D. Radial a |

The children hospital of eastern ontario pain scale(cheops) for rating post operative pain in children includes a/e?

|  |
| --- |
|  |
|  | A. Cry |
|  | B. Touch |
|  | C. Torso |
|  | D. Oxygen saturation |

A man comes to emergency with steb injury to left flank.he has stable vitals what would be the next step in management?

|  |
| --- |
|  |
|  | A. Cect |
|  | B. Celiotomy/scopy |
|  | C. Diagnostic peritoneal lavage |
|  | D. Laparotomy |
|  | E. A & C |

Recurrent gist is diagnosed by?

|  |
| --- |
|  |
|  | A. Pet scan |
|  | B. Mibg |
|  | C. Mri |
|  | D. Usg |

Nicoladoniâ€™s sign is also known as?

|  |
| --- |
|  |
|  | A. Branhams sign |
|  | B. Murray sign |
|  | C. Frei sign |
|  | D. None of these |

Surgery not done in morbid obesity?

|  |
| --- |
|  |
|  | A. Ileal transposition |
|  | B. Pancreatico biliary diversion |
|  | C. Sleeve gastrectomy |
|  | D. Gastric bypass |

A person with multiple injuries develops fever tachycardia tachypnea and a periumbilical rash. Diagnosis is?

|  |
| --- |
|  |
|  | A. Fat embolism |
|  | B. Pulmonary embolism |
|  | C. A & B |
|  | D. None of these |

Glomus tumour is seen in?

|  |
| --- |
|  |
|  | A. Pituitary |
|  | B. Adrenal |
|  | C. Liver |
|  | D. Finger |

Hunterian ligature is used in?

|  |
| --- |
|  |
|  | A. Varicose vein |
|  | B. Popliteal aneurysm |
|  | C. Av malformation |
|  | D. Limb ischemia |

Treatment of medullary carcinoma thyroid?

|  |
| --- |
|  |
|  | A. Surgery alone |
|  | B. Radioiodine ablation |
|  | C. Surgery and radiotherapy |
|  | D. Chemo and radiation |

In a patient of carcinoma breast supraclavicular lymph nodes are positive for metastasis.stage is?

|  |
| --- |
|  |
|  | A. ii |
|  | B. Iiib |
|  | C. Iiic |
|  | D. Iv |

Best test to diagnose gerd and quantify acid output is?

|  |
| --- |
|  |
|  | A. Esophagogram |
|  | B. Endoscopy |
|  | C. 24 hour ph monitoring |
|  | D. Manometry |

Virchows triad includes a/e?

|  |
| --- |
|  |
|  | A. Injury to vein |
|  | B. Venous thrombosis |
|  | C. Venous stasis |
|  | D. Hypercoagulability of blood |

A 25 year male presented with pain abdomen, on usg mixed echogenicity was found at left renal hilum and a multifocal necrotic mass is detected.probable diagnosis is?

|  |
| --- |
|  |
|  | A. Metastatic germ cell tumour |
|  | B. Transitional cell carcinoma |
|  | C. Lymphoma |
|  | D. Metastatic malignant melanoma |

Most common site of cholangio carinoma?

|  |
| --- |
|  |
|  | A. Distal biliary tree |
|  | B. Hilum |
|  | C. Intrahepatic biliary duct |
|  | D. Multifocal |

True about gleasons staging?

|  |
| --- |
|  |
|  | A. Score from 1-10 |
|  | B. High score is associated with bad prognosis |
|  | C. Helps in grading of tumour |
|  | D. Helps deceide treatment modality |

Most common cause of acute mesentric ischemia?

|  |
| --- |
|  |
|  | A. Thrombosis |
|  | B. Embolism |
|  | C. Non occlusive mesentric ischemia |
|  | D. None of these |

A woman noticed mass on breast with bloody discharge. Histopath revealed duct ectasia.treatment is?

|  |
| --- |
|  |
|  | A. Microdochectomy |
|  | B. Lobectomy |
|  | C. Radical duct excision |
|  | D. Simple mastectomy |

A 7 yr old girl with non productive cough, mild stridor for 3 months duration. Patient is improving but suddenly developed wheeze productive cough mild fever and hyperlucency on cxr and pft shows obstructive curve.diagnosis is?

|  |
| --- |
|  |
|  | A. Bronchiolitis obliterans |
|  | B. Hemosiderosis |
|  | C. Pulmonary alveolar microlithiasis |
|  | D. Follicular bronchitis |

3.5 kg term male baby born of uncomplicated pregnancy developed respiratory distress at birth not responded to surfactant, echo is normal, cxr shows ground glass appearance. Culture negative.apgar score 4 and 5 at 1 and 5 min.hostory of i month female sibling died before.diagnosis?

|  |
| --- |
|  |
|  | A. Tapvc |
|  | B. Meconium aspiration |
|  | C. Neonatal plmonary alveolar proteinosis |
|  | D. Diffuse herpes simplex infection |

All are true about congenital rubella except?

|  |
| --- |
|  |
|  | A. Igg persists for more than 6 months |
|  | B. Igm antibody is present at birth |
|  | C. Most common anomalies are hearing and heart defects |
|  | D. Increased congenital malformation if infection after 16 weeks |

A 10 yr old child is always restless inattentive to study and always wants to play outside.parents are extremely distressed.what would you advise?

|  |
| --- |
|  |
|  | A. Itâ€™s a normal behaviour |
|  | B. Behaviour therapy |
|  | C. Itâ€™s a serious illness requires medical treatment |
|  | D. Needs change in environment |

A 2yr old child brought to emergency at 3 am .child has barky cough and stridor only while crying. Narmal hydration rr-36/min t-39.6 c .what will be your next step?

|  |
| --- |
|  |
|  | A. Racemic epinephrine nebulisation |
|  | B. High dose dexamethasone inj |
|  | C. Nasal was for influenza/rsv |
|  | D. Antibiotics and blood culture |

In mc roberts manoeuvre hip is flexed against mothers abdomen.this leads to injury of which nerve?

|  |
| --- |
|  |
|  | A. Lumbosacral trunk |
|  | B. Obturator n |
|  | C. Femoral n |
|  | D. Lateral cutaneous n of thigh |

All are done in management of shoulder dystocia except?

|  |
| --- |
|  |
|  | A. Fundal pressure |
|  | B. Mc roberts manoeuvre |
|  | C. Suprapubic pressure |
|  | D. Wood s manoeuvre |

A 25 year old married nullipara undergoes laproscopic cystectomy for ovarian cyst which on histopath reveals serous ovarian adenocarcinoma.what should be the next management?

|  |
| --- |
|  |
|  | A. Serial ca-125 and follow up |
|  | B. Hysterectomy and salpingooophorectomy |
|  | C. Hysterectomy + radiotherapy |
|  | D. Radiotherapy |

Safest vasopressor in pregnancy is?

|  |
| --- |
|  |
|  | A. Ephedrine |
|  | B. Phenylephrine |
|  | C. Methoxamine |
|  | D. Mephentine |

Fallopian tube dysmotility is seen in?

|  |
| --- |
|  |
|  | A. Noonan syn |
|  | B. Turner syn |
|  | C. Kartagener syn |
|  | D. Marfan syn |

All of the following investigations are used in figo staging of carcinoma cervix except?

|  |
| --- |
|  |
|  | A. Cect |
|  | B. Ivp |
|  | C. Cystoscopy |
|  | D. Proctosigmoidoscopy |

Clue cells are found in?

|  |
| --- |
|  |
|  | A. Candidial vaginosis |
|  | B. Bacterial vaginosis |
|  | C. Trichomoniasis |
|  | D. None of these |

Best indicator of ovarian reserve is?

|  |
| --- |
|  |
|  | A. Fsh |
|  | B. Estradiol |
|  | C. Lh |
|  | D. Fsh/ lh ratio |

A pregnant lady acquires chicken pox 3 days prior to delivery.she delivers by normal vaginal route.which of the following statements is true?

|  |
| --- |
|  |
|  | A. Both mother and baby are safe |
|  | B. Give antiviral tt to mother before delivery |
|  | C. Give antiviral tt to baby |
|  | D. Baby will develop congenital varicella syndrome |

Earliest detectable congenital malformation by usg is?

|  |
| --- |
|  |
|  | A. Anencephaly |
|  | B. Spina bifida |
|  | C. Meningocoele |
|  | D. Cystic hygroma |

All of the following should be done to prevent the transmission of hiv from mother to baby except?

|  |
| --- |
|  |
|  | A. Vit a supplementation to mother |
|  | B. No breast feeding |
|  | C. Vaginal delivery |
|  | D. Zidovudine to mother |

A 45yr old lady with dub has 8mm thickness of endometrium.next step in management?

|  |
| --- |
|  |
|  | A. Histopathology |
|  | B. Hysterectomy |
|  | C. Progesterone |
|  | D. ocp |

All are true about pcod except?

|  |
| --- |
|  |
|  | A. Persistently elevated lh |
|  | B. Increased lh/fsh ratio |
|  | C. Increased dheas |
|  | D. Increased prolactin |

A female at 37 wks of gestation has mild labour pain for 10 hours and cervix is persistently 1cm dialated non effeced.what will be next appropriate management?

|  |
| --- |
|  |
|  | A. Sedation and wait |
|  | B. Augmentation with syntocinon |
|  | C. Cesarean section |
|  | D. Amniotomy |

A woman comes with obstructed labour and grossy dehydrated investigations reveal fetal demise.what will be the management?

|  |
| --- |
|  |
|  | A. Craniotomy |
|  | B. Decapitation |
|  | C. Cesarean section |
|  | D. Forceps extraction |

A female has history of 6 weeks amenorrhoea,usg shows empty sac,serum beta hcg -1000iu.what would be next management?

|  |
| --- |
|  |
|  | A. Medical management |
|  | B. Repeat hcg after 48 hours |
|  | C. Repeat hcg after 1 week |
|  | D. None of these |

In post radical neck dissection syndrome all are seen except?

|  |
| --- |
|  |
|  | A. Shoulder drooping |
|  | B. Restricted range of movement of shoulder joint |
|  | C. Shoulder pain |
|  | D. Normal electromyographic finding |

Rissers localiser cast is used in the conservative management of?

|  |
| --- |
|  |
|  | A. Dorsolumbar scoliosis |
|  | B. Idiopathic scoliosis |
|  | C. Kyphosis |
|  | D. Spondylolisthesis grade iii |

Watson jones operation is done for?

|  |
| --- |
|  |
|  | A. Valgus deformity |
|  | B. Muscle paralysis |
|  | C. Neglected clubfoot |
|  | D. Hip |

Trendelenberg test is positive due to injury to?

|  |
| --- |
|  |
|  | A. Sup gluteal n |
|  | B. Inf gluteal n |
|  | C. Obturator n |
|  | D. Tibial n |

Joint not involved in ra according to 1987 modified ara criteria is?

|  |
| --- |
|  |
|  | A. Metatarsophalangeal |
|  | B. Tarsometetarsal |
|  | C. Ankle |
|  | D. Elbow |

In posterior compartment syndrome which passive movement causes pain?

|  |
| --- |
|  |
|  | A. Dorsiflexion of foot |
|  | B. Foot inversion |
|  | C. Toe dorsiflexion |
|  | D. Foot abduction |

Most common cause of insertional tendinitis of tendoachilles is?

|  |
| --- |
|  |
|  | A. Improper shoe wear |
|  | B. Runners and jumpers |
|  | C. Overuse |
|  | D. Intraleisonal steroid inj |

Child presents with linear verrucous plaques on the trunk with vacuolisation of keratinocytes in s. Spinosum and s. Granulosum. diagnosis is?

|  |
| --- |
|  |
|  | A. Incontinenta pigmenti |
|  | B. Delayed hypersensitivity reaction |
|  | C. Naevus |
|  | D. Linear darriers disease |

In cengenital dystrophic epidermolysis [bleep] defct is seen in?

|  |
| --- |
|  |
|  | A. Laminin 4 |
|  | B. Collagen type 7 |
|  | C. A & C |
|  | D. None of these |

A pt comes with proptosis and abducent n palsy. A dark homogenous mass on t2w mri is seen which shows intense enhancement with contrast.diagnosis is?

|  |
| --- |
|  |
|  | A. Cavernous hemangioma |
|  | B. Meningioma |
|  | C. Astrocytoma |
|  | D. Glioma |

Central dot sign is seen in?

|  |
| --- |
|  |
|  | A. Carolis disease |
|  | B. Primary sclerosing cholangitis |
|  | C. Polycystic liver disease |
|  | D. Liver hamartoma |

On usg diffuse thickening of gall bladder with hyperechoic shadow at neck and comet tailing is seen in?

|  |
| --- |
|  |
|  | A. Xanthogranulomatous cholecystitis |
|  | B. Adenomyomatosis |
|  | C. Adenomyomatous polyps |
|  | D. Cholesterol crystals |

Type two schizophrenia(tj crow) is characterised by all except?

|  |
| --- |
|  |
|  | A. Negative symptoms |
|  | B. Poor response to tt |
|  | C. Disorganised behaviour |
|  | D. Ct scan abnormal |

According to disabilities act 1995. Seventh disability as it is usually referred to is?

|  |
| --- |
|  |
|  | A. Neurological abnormality |
|  | B. Mental illness |
|  | C. Substance abuse |
|  | D. Disability due to road traffic accident |

Cognitive model of depression is given by?

|  |
| --- |
|  |
|  | A. Godfrey |
|  | B. Beck |
|  | C. A & C |
|  | D. None of these |

Most recent marker of ect is?

|  |
| --- |
|  |
|  | A. 5-hiaa |
|  | B. Csf dopamine |
|  | C. Brain derived growth factor |
|  | D. Thyroxine |

Fastest route of absorption of local anaesthetic is?

|  |
| --- |
|  |
|  | A. Intercostal |
|  | B. Epidural |
|  | C. Brachial |
|  | D. Caudal |

All of the following cause neurolept malignant syndrome except?

|  |
| --- |
|  |
|  | A. Amantadine |
|  | B. Haloperidol |
|  | C. Metoclopramide |
|  | D. Domperidone |