

Imp. Questions Part 40-1

- * Iron deficiency Anemia (causes, features, lab diagnosis)
- * Megaloblastic Anemia
- * Pernicious Anemia: Defn, causes, lab diagnosis
- * Bone marrow Aspiration
- * Sickle Cell Anemia
- * Spherocytosis
- * classify Anemias
- * Target cell
- * Reticulocytosis
- * RBC indices
- * Thrombocytopenia: - (thrombopoiesis & lab diagnosis)
- * Haemophilia A
- * Von-Willebrand's disease (features & lab diagnosis)
- * Disseminated intravascular coagulation: - cause & pathogenesis
- * Define & classify leukaemias
- * Chronic myeloid leukaemia - Blood smear, Bone marrow, Biochemical findings, chromosomal defects
- * Leukemoid reaction
- * Eosinophilia: - causes, abnormal count
- * Burkitt's lymphoma
- * Hodgkins disease - classification, gross & microscopy.
- * Multiple myeloma
- * Red-sternberg cells, - Bence Jones proteins

* Exfoliative cytology (Indication & importance)

* FNAC

* CSF finding, in various meningitis.

* Romanowsky stains: Dfn, examples

* Anticoagulants used: labs & Blood bank

* ESR: factors affecting, normal values

* Hematocrit/packed cell volume per: Dfn, significance

* Proteinuria: Dfn, causes,

* Glucosuria & ketonuria: Dfn, causes

- * Barr body
- * Turners Syndrome
- * Klinefelters Syndrome
- * Downs Syndrome
- * Gauchers disease.
- * Vitamin A - Deficiency features
- * Vit. D: Deficiency, features
- * Vit. C: Deficiency, features

* Intestinal Amoebiasis

* Tumour markers

* Paraneoplastic Syndrome

* Routes of Spread of cancer - metastasis

* p53 Oncogenes

* Benign & Malignant Neoplasms difference

* Role of Thrombus & pathogenesis, classification.

* Chronic venous congestion of lungs.

* Septic shock

* Transudate & Exudate difference

* Embolism

* Systemic lupus Erythematosus (SLE)

* Amyloidosis: Defn, classification, features, stains

* Hypersensitivity reaction I, II, III, IV.

~~Classification~~
* Acute inflammation:- Defn, classify, features of Acute inflammation, vascular & cellular events

* Chemotaxis

* phagocytosis

* cytokines

* Role of Arachidonic acid & metabolites in inflammation.

* Granuloma

* Primary T.B

* Leprosy:- Defn, Types & difference among them.

* Wound healing by Primary intention

* Congenital Syphilis

* Necrosis:- Defn, Types, Examples.

* Gangrene: Defn, Types, Example

* Pathologic calcification:- Defn, types, Examples.