

APRIL-2011 PART-A

Part A 1st paper

1. Na/k pump?

- a. diffusion
- b. facilitated diffusion
- c. active transport

ans. c

2. hypercalcemia of malignancy

ans. PTHrP

3. Site of action of Aldosterone

ans. Na/k in collecting duct

4. Site of action of Furosemide

ans. Na/k in ascending limb of loop of henle

5. Hypothermia ECG features

ans. Prominent J wave

6. Cuboid articulates with

ans. 4th and 5th Metatarsal bone

7. Hypospadias developmental abnormality

ans. urogenital fold

8. following removal of pituitary gland which of the following will occur?

- a. lack of thyroid hormone
- b. lack of secretion from adrenal medulla
- c. lack of secretion from pancreas

ans. a

9. inferior parathyroid gland develops from

ans. 3rd pharyngeal pouch

10. a patient has b/l renal cyst with abnormality in calyces. which developmental abnormality?

ans. failure of fusion of metanephric tubule with ureteric bud

11. Post thyroidectomy. patient has tingling and numbness.

ans. hypocalcemia

12. Changes in HIV

a. decrease in CD4 T cell

b. decreases in CD 8 T cell

ans. a

13. Multiple myeloma.proliferation of?

ans. plasma cells

14. Gastric lymphoma.bacteria responsible?

ans. H.pylori

15. Multiple long bone fracture.nailing done.c/o postoperative dyspnea. diagnosis?

ans. fat embolism syndrome

16. Umbilicus

ans. T10

17. testicular descent guided by?

ans. gubernaculum testis

18. following mastoidectomy, a patient complains of impaired taste sensation.nerve injured?

ans. chorda tympani nerve

19. femoral canal true is

ans. lateral wall is formed by femoral vein

20. differentiation between high and low facial nerve palsy

ans. inability to raise eyebrow

21. metastasis to superficial inguinal LN.source?

ans. anal canal

22.In anterior resection of rectum artery ligated

ans. inferior mesenteric artery

23. IN Right hemicolectomy, artery ligated?

ans. iliocolic artery

24. Homeless self neglected man found in the street having B/L gynaecomastia. cause?

a. alcoholic cirrhosis

b. malnutrition

ans. b

25. Vertebral artery true is

ans. enters into the foramen transversarium at the level of C6

-lymph drainage of anal squamous cell carcinoma

-gall bladder the most distinct part identified during surgery

-hip joint movement muscle action in ext. rotation

-dermatome of lateral aspect of forearm

-medial biopsy

- hemisection of spinal cord, sensation modalities loss

-injury during maxillofacial surgery lead to loss sensation over ant. 2/3 of tongue

-fracture of medial epicondyle which muscle of forearm not affected

-collection of cranial nerves and its actions

-neck surgery lead to hoarseness of voice, unilateral recurrent

-pt felt pain in calf muscle, the level of vascular occlusion is?

- pleural tapping in mid axillary line, in 10th pierced?

-branch of internal iliac and its supply. Superior gluteal nerve supplies

- epidural lumbar puncture, structures pierced, level, Post. longitudinal ligament

- during TURP using diathermy stimulate which nerve that cause twitching

-portal vein

- pt loss sensation over web space of big toe, which nerve affected

- sternocleidomastoid mass in the middle
- man with groin mass
- baby with inguinal mass
- player injury ,Anterior cruciate ligament prevents Ant. dislocation of tibia,
- coronary circulation
- surrounding testis tunica albuginea
- fall from horse injury to structure behind Scalenus anterior.
- Ovale Transmits Mandibular Nerve, Rotundum Transmits Maxillary Nerve
- sprinting during playing football --> pain and post of the thigh. later severe pain and the lat side of the knee. unable to extend knee dt pain. what is the tendon being involve?
--> tendon of biceps femoris
- a knife penetrate the left of the sternal angle of the rib with pt normal air entry , tachycardic,
- IN surgical ICU, with flial chest intubated pt develop breathelessness need increase ventalation pressure ,o2 drop to 70% . what is the most common cause
- what vitamin A B12
- extracellular fluid osmolality equal to osmolarity in which part of tubule loop of Henle in pt taken lasix?
- Angiotensin II
- TSH, T4, T3 level in gravies , ttt recurrence hyperthyroidism taken thyroxin, in hashimoto in medullary cell carcinoma
- protein c deficinancy affect factor and cycle of coagulation