

## - Endocrine - physiology / 2011

\* Which of the following enhance the GH secretion :

- a) Obesity.
- b) Fasting.
- c) Aging.

\* One of the following increases both GH & Insulin :

- a) protein intake.
- b) after carbohydrate intake.
- c) Fasting.
- d) Obesity.

\* A hormone that is synthesized in endocrine cells and released to the interstitial space, binds to a specific receptor of nearby cell, this hormone is :

- a) neurohormone.
- b) paracrine.
- c) neurotransmitter.

\* Find the odd hormone :

- a) Growth hormone.
- b) prolactin.
- c) Somatostatin.
- d) Cortisol.

\* A hormone that is secreted from supraoptic nucleus is \_\_\_\_\_, and a hormone secreted from paraventricular nucleus is \_\_\_\_\_ : { very easy, direct question : P }

- a) ADH, oxytocin.
- b) oxytocin, vasopressin.
- c) GH, PRL.

\* In a comparison of cortisol & aldosterone, which of the following is Not True :

- a) cortisol has mineralocorticoid activity.
- b) Aldosterone has some glucocorticoid activity.
- c)

## - Endocrine - physiology / 2011

\* which enzyme is not secreted by stress : (the least secreted)

- a) GH
- b) cortisol
- c) prolactin
- d) thyroxin
- E) Somatostatin ✓

\* About  $\text{Ca}^{++}$  metabolism , which one is Not True :

- a) PTH and vitD has a synergistic effect .
- b) Calcitonine reduces (Ca) Level .
- z) pTH and vitD has the same effect .

نظام  
فليس المرء يولد عالماً ..  
وليس آخوه على كعب  
هو حاصل ..  
وإن كبير القوم  
لعلم عنده  
صغيرٌ إذا التقى  
عليه المحاذل ..



## -Endocrine - pharmacology / 2011

\* has the same effect as histamine:

a) Cimetidine.

b) Compound 48/80 ✓

c)

\* All the following are Sedating, Except:

a) Diphenhydramine.

b) Meclizine.

c) promethazine.

d) DesLoratadine ✓

e) Tripelennamine.

\* A drug that is used in the management of anticancerous induced nausea and vomiting:

a) Palonosetron

b) Ondansetron ✓

c) Cisplatin

\* A case that is related to severe cough, due to ACE-inhibitor

a) Bradykinin accumulation due to activation of kallikrein.

b) Bradykinin accumulation due to inhibition of kinase

c) Decrease in Bradykinin amount

d) A+B

e) all the above.

\* Which of the following is selective serotonin reuptake inhibitor:

a) pargyline

b) Fluoxetine ✓

## -Endocrine - Anatomy / Histology 2011

\* Which of the following is incorrect about pituitary gland :

- a) primary capillary plexus surrounds Median eminence .
- b) secondary " " on pars distalis .
- c) pituitary mother cells Located in Neurohypophysis .
- d) Most of pars distalis are acidophilic .

\* About Thyroid Relations , which one is Not correct :

- a) Thyrohyoid muscle → medial ✓
- b) common carotid Artery → posterior .

\* Which of the following is Incorrect about Adrenal gland :

- a) All capillaries are fenestrated .
- b) Medulla has dual arterial Supply
- c) cortical Arteries are formed at Cortico medullar Junction <sup>(Not sure)</sup> ✓

\* Pituitary gland , which one is incorrect :

- a) has ectoderm & endoderm origin ✓

\* parathyroid gland , which is not correct :

- a) All of them related to nerves .
- b) supplied mostly by inferior thyroid artery
- c) superior parathyroid originated with thymus gland ✓

\* pancreas islets , which is not correct :

- a) B-cells are the most numerous cells .
- b) F cells increases the intestinal motility ✓

## - Endocrine - Anatomy / Histology 2011

- \* The Most distinguished feature in (Leydig cells) :
  - a) Rank crystals ✓
- \* Androgens are secreted by :
  - a) zona reticularis ✓
  - b) zona glomerulosa.
- \* Thyroid gland, which one is Not correct :
  - a) The only gland that stores its secretions (hormones) outside the cells.
  - b) The active cells are columnar epithelium .

(I can't remember  
the rest of  
the options )

وما النفس إلا حيث  
يجدها الفتى ..



Lejan 2009/2010

هذا يعتمد على المعايير التي يضعها الأستاذ الدكتور سليم الخضراء  
بذلك السبيل ألا يتعارض مع المعايير التي يضعها الأستاذ الدكتور سليم الخضراء  
فهي ما ترجم إلى المعايير التي يضعها الأستاذ الدكتور سليم الخضراء  
الذى يرى أن هناك كثرة نسخ، كل من الأستاذ الدكتور سليم الخضراء  
سيعطي بعده على درجة ثانية اعتماداً على  
إيجابية المعايير على معيار متراوحة أو غير متراوحة  
لكل قسم من المعايير التي يضعها الأستاذ الدكتور سليم الخضراء  
نفعها وانزلقها عن المعايير بعد ذلك!

Figure of menestrual Cycle and he ask about Progesterone  
as I remember look at the Figure in the sheet

~~??~~

what is the level of Glu in the diabetic patient?  
(300 mg/dl)

what is the "threshold" in Plasma?

225 mg/dl (is it true?)

what is the Hormone which doesn't play any role in  
growth? glucagon

what is the major hyperglycemic Hormone? glucagon

diabetes  $\leftarrow$  II + type I  $\rightarrow$  increase in blood  
level

level of Glu ]  $\rightarrow$  the blood  $\leftarrow$  increase in  
in Plasma]

Diabetes mellitus  $\rightarrow$  between  
insipidus.

جزء من CNS أو جزء من الغدة الدرقية  
thyroid Hormone (جذاب)

"thyroid" يذكر في القدرة البدنية للدم  
Iodo → tyrosine (جذاب) ← مادة ابكي شو الاستر

جزء من المقدمة البدنية لـ "iodine"  
الكلور

All of the following is true except:

Phosphate is one of the major buffer in the ECF

جزء من المقدمة البدنية لـ "iodine"

الجوان يذكر في المقدمة البدنية لـ "iodine"

ibus between secretes (جذاب)  
Corpus Luteum maintains

Proximal tubule affected by "iodine"  
anti-diabetic Hormone  
الجوان

How many sperms in the ejaculation?

300 - 400 million

the disease in which the testis still in the abdomen and don't descending is?

Cryptorchidism

الجوان يذكر في المقدمة البدنية لـ "iodine"

the storage + maturation of sperms occurs in ?  
epididymis

- 3) regarding to tubuloglomerular Feedback mech...  
which is the wrong statement.  
respond to its afferent  $\rightarrow$   $\text{أَخْدَانَ كَانَ يَحْوِي عَلَى}$   
Arteriol.

4)  $\text{مُنْتَاجُونَ أَذْنَانَ حَادَّةَ مُنْتَاجُونَ}$   
secreting TSH due to a tumor.  $\rightarrow$  thyroid

5) keep in mind that Hydrogen doesn't reabsorbed  
in the kidney

$\text{GHI} \rightarrow$   $\text{الْهَرْبَسِيَّةِ}$   
leads to obesity  $\rightarrow$   $\boxed{\text{obesity}}$   
 $\rightarrow$   $\text{الْهَرْبَسِيَّةِ}$   
insulin + GH increase protein uptake

6) Hypertension  $\Rightarrow$  Angiotensin  
 $\rightarrow$   $\text{أَخْدَانَ حَفَّتَهُ السَّوَادُ}$

$\text{مُنْتَاجُونَ عَبَارَةَ عَنْهُمْ}$   
Glucocorticoid + Aldosterone  
 $\rightarrow$   $\text{أَنْجُوتِيَّنْ كَالْهُوكَسِيَّةِ}$   
 $\rightarrow$   $\text{يُعَزِّزُ بَطْلَانَ الْوَدْعَةِ}$   
 $\rightarrow$   $\text{الْكَسْرَانِيَّةِ}$

About the kind of gland.

~~o f i t s i s i n t e n d i l l~~

Ans:  $\boxed{GH + I-GH}$  is the

acidic size on ~~is it is it is it~~

staining force don't affect on distal +  
Collecting tubules.

the Q was abt the Ovar. as I  
remember the answer contain  $\Rightarrow$  -

Cyclical Menstrual or something like  
this

A pregnant women calculate the day  
of ovulation in Menstrual Cycle?

$\Rightarrow$  None of the above.

because in Pregnant women there is no  
ovulation.

the part of the Nephron where this acts  
act?

go to the Sheet and know the  
Answer.

$\Rightarrow$  Distal Glucocorticoid Hormone ~~is now on it~~

~~Antidiuretic effect.~~

28. which of the following element has a concentration above 90% ?

⇒  $\text{Na}^+$

29. which of the following is wrong ?

$[\text{H}^+]$  less than  $[\text{Na}^+]$  or something like this

30. Q abt Carbonic Anhydrase

→ Ca and Na excretion decreases.

10 I don't rem. he wanted the wrong or correct ans.

31 Plasma Clearance :-

→ excretion and Filtration less than endine concentration.

Renal Renal threshold = 180 ~~in mm~~

33 Main action site for Aldosterone?

Proximal tubule.

14 Q → the answer was : - 800 times urine more acidic

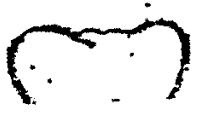
5. Q abt  $\text{K}^+$  the ans. was Growth hormone.

6.  $\text{Na}^+$  excretion  $\gg \text{Mg}^{2+}$  excretion

جهاز الملاحة في الدم يحيط بالدماغ

ويحيط بالدماغ كطبقة، وهذا

الطبقة



## Physiology Questions

1. if you breathe pure Oxygen starting from RV till TLC then you exhale, the first 500ml contains → PURE OXYGEN
2. in RDS → pulmonary edema can occur
3. if Ventilation increased and perfusion decreased
4. diffusion capacity of the lung for Oxygen is measured → by measuring CO diffusion
5. elastic recoil of the lung = the elastic expansion of the thorax at → FRC.
6. in COPD:  $FVC \downarrow$     $FEV_1 \downarrow$     $FEV_1/FVC \downarrow$
7. dry atmospheric air  $PO_2 160$     $CO_2 \approx 0$ 

alveolar air	100	40
anatomical dead space	$\geq 100$	
mixed expired air	$PO_2 = 116$	
8. normal person breathing 21% Oxygen (room air) → is safe.
9. if you ascend to high altitude, the atmospheric pressure is half the atm. P. at sea level (760/2), the partial pressure of the respiratory gases is highest for →  $N_2$  then  $O_2$  then  $CO_2$ .
10. Arterio-Venous difference of the carotid bodies is low because → high blood flow
11. if you expose the plural cavity to the outside, the lungs collapse to → minimal volume.
12. airway resistance is usually negligible

Wheeze is:

(passage of air in a narrow area)

physiological dead space is which Fowler,

(physiological dead space always equals anatomical dead space)

Chemoreceptors:- (increase ventilation in response to hypoxia)

FRC is ——

In the hemoglobin-O<sub>2</sub> dissociation curve, the curve shifts to the right why? :-  
or in what case?

(In ~~gas~~ strenuous exercise)

) This shifting to the right in previous question associated with:-

(increased P<sub>so</sub>)

) If blood flow to the completely blocked by embolism, which will occur:-

(Alveolar P<sub>O<sub>2</sub></sub> in the left lung will be approximately equal to P<sub>O<sub>2</sub></sub> in inspired air)

Q) In lungs arterial P<sub>O<sub>2</sub></sub> is low.

) In ~~a~~, diffusion capacity of O<sub>2</sub>, you increase or

restrictive dis which true

$$\frac{FEV_1}{FVC} \text{ normal}$$

- ② which of the following do not affect arteri  
(low Hb concentration)

The tubular cells of kidneys are capable of secreting  $H^+$  against c.o until the tubular urine becomes  $\sim$  times more acidic than plasma.

800

The Tm of gly in mode of handling excretion in the nephron NOT true. ~~SECRETION~~

RBF, GFR  $\rightarrow$  this means that  $K^+$  will increase in response to an increase in GFR, proximal tubule loop ↑ in  $Na^+$  reabsorption.  $\downarrow$  tubular secret ↓  $K^+$  secretion &  $\downarrow$  titration.  
hypertensive patients is given an angiotensin-converting enzyme ACE inhibitor which of the following changes would be expected?  $\uparrow$  angiotensin II

If a person consumes a high  $K^+$  diet, the majority of  $K^+$  excreted in the urine is derived from - distal tubule

Channels all are correct except:-  
~~ATP energy needed~~

$K^+$  secretion in distal tubule

membrane potential correct except:-

~~when all  $\uparrow$  membrane insulator, depolarization~~

dentrites:-

~~reduction~~

B-endorphine all except:-

~~EEG~~

Aggrhesthesia is due to lesion in:-

~~abdominal sensory~~  
abdominal pain, consciousness system except:-

Pacinian corpuscle except:-

Function of neuronal pool circuitry

~~↓ pain threshold and resistance~~

C-fibers transmitting pain sensations:-

~~ADH, PTH, L~~

X neuron permeable to water

~~↓ pain threshold and resistance~~  
↓ pain threshold and resistance  
↓ pain threshold and resistance  
↓ pain threshold and resistance

juxtaglomerular site which fibrinolysis

site which fibrinolysis

al jawab >> in fetus arterial PO<sub>2</sub> is low .

1. in a diffusion capacity of O<sub>2</sub> , you increase area by to increase this diffusion capacity by:  
(increase bld cells (polycythmia ))  
(remember that perfusion capacity for Q<sub>2</sub> is limited ).

22. restrictive dis which ture

FEV1

NORMAL

FVC

23. which of the following do not affect arterial PO:  
(low HB concentration)

DR EMAN :

24. within the auditory pathway , all are correct except ?  
(localization of the sound is a function of cochlear nucleus )

25. the following are true about the lateral geniculale nucleus except:  
(receives nerve fibers carrying light reflexes)

26. the primary function of the ossicles of the middle ear in human hearing is :  
( to amplify the sounds stimulus )

27. activation of the second messenger is expected in all of the following except:  
(in hearing hyperpitch sounds)

28. the following statement concering the physiology of spinal reflexes is true:  
(the inverse stretch reflex prevents the avulsion of the tendon from its attachment to the bone)

29. concering the visual path way , all true except :  
(occipital lesion leads to the loss of the macular vision)

30. in the monosynaptic stretch reflex , stretch of muscle spindle cause of the following except :  
(relaxation of the muscle containing the muscle spindle )

DR Sresha ..

31. about the kind of gland  
( el so2aaal saahl jedan 7atta enne mish metzaakro )

32. (el jawaaaab kaaan GH+I-GH bas el soo2al naseeee...2aw atwaqaa3 maktoob fe sheet el doctor )

33. the Q was abt thr ovarri as I remember the answer contain >>cyclic menstrual or something like tis

34. a pregnant women .....calculate the day of ovulation in menstrual cycle ??  
>>none of the above ..because in pregnant women there is no ovulation .

35. figure of menstrual cycle and he ask bout progesterone as I remember – look at the figure in the sheet .

36. how many sperms in the ejaculation ??  
(300-400 million >>et2akad min el sheet).

37. the disease in which the testis still in the abdomen and don't descending is?  
Crypto ....??..  
(nase el esem bas tal3o min el sheet)

38. the storage + maturation sperms occurs in?  
(epididymus)

ele waznahom 31 el quiz :

Endocrine :

1- what is the concentration of Glu in the diabetic patients ?

A : 300

2- what is the hormon which doesn't play any role in growth ?

A : Glucagon

3- what is the major hyperglycemic hormon ?

A: glucagon

4- what is the threshold of .... in plasma ?

A: 225 ( I think but make sure by opening Ur sheet )

5- Question about type one & type two diabetes ( moqarana benhom )

A : Cons. of Glu in plasam

6-Most important hormon in CNS Growth?

A : Thyroid Hormon

7- Question about formation of thyroid hormone in thyroid gland ( so2al kteer mo3aqad ) which is true ?

A : 4 iodo---> tyrosin

8- which disease will not cause Goitre?

A : in table in Ur sheets , but th A contain secreting tumor

9-which one of these will not effect growth hormon ?

A : Obesity

10 - what is common between GH and Insulin ?

A : uptake of protein.

11- kan fe so2al moqarana been el ( Glucocorticoid & Aldosterone )

A : U can look in Ur sheet ( la te3tmid 3lay loool )

NEXT : Renal ...

12- All of the following is true except ?

A : phosphate is one of the major buffer in the ECF

13- all of the following is true except ?

A : Corpus luteum secretes ( make Sure it's not Corpus luteum maintains...shayseen keef ma a7sanne )

14- proximal tubules affected by ?

A : antidiuretic Hormone

15- Regarding to tubuloglomerular feedback mech, which is the wrong statement ?

A : respond to it afferent arteriol

# Endo

- (1) Root Canal Morphology
- (2) Biological material debate
- (3) Modification of cross sectional degree of the files from square to rhomboid as resulted in greater flexibility.
- (4) Once the pulp chamber has been opened canal orifices are located with → Endodontic explorer.
- (5) The fourth canal is often found in MB root of maxillary 1st molar.
- (6) The entry into maxillary central incisor is made → just coronal to the cingulus in the direction of the long access of the tooth.
- (7) The maxillary 1st molar had → should be approached for endodontic treatment with the assumption that 2 canals exist in the MB root.
- (8) Mandibular incisors → 2 out of 5 can have 2 canals (40%; 0.4).
- (9) Mandibular 1st molar → has a 4th canal  $\frac{1}{3}$  of the time.
- (10) Which tooth almost always have 2 canals → maxillary 1st premolar.
- (11) Which of the following will have a triangular pulp chamber → Permanent maxillary lateral incisor.
- (12) Which of the following canal in the maxillary 1st molar is the most difficult usually to locate → MB canal.
- (13) The root canal of mandibular molar → thin mesiodistally.
- (14) Which tooth below is most likely to have a curved root → maxillary lateral incisor.
- (15) The most common error while opening pulp chamber of mandibular incisors → labial perforation.
- (16) The root canal of mandibular 1st molar with greatest curvature → Mesiolabial.
- (17) According to Wiens classification type 2 → 2 separate files merging into apical foramina.
- (18) The essential difference bet. K-file & K-mesmer → the number of spirals & cutting flutes per unit of length.

- (19) Modern endodontic therapy depends on ~~the use of mechanical techniques~~  
If an extra canal is suspected the clinician can confirm its presence by taking additional radiograph in mesial or distal horizontal angulation.
- (20) An ideal access cavity should provide ~~an embedded access to~~  
the root canal system & eliminate the pulp chamber roof in its entirety.
- (21) Which of the following teeth seldom has additional canal - a maxillary lateral incisor.
- (22) Which of the following are considerations in coronal pre-treatment of endodontic case -  $\rightarrow$  all sentences are true.
- (23) The most probable reason for root canal therapy of a mandibular incisor having relatively high failure rate  $\rightarrow$  high incidence of 2 canals.
- (24) Accessory canals are most often detected  $\rightarrow$  following obturation of the main canal.
- (25) The orifice of 3rd canal in maxillary 1st molar  $\rightarrow$  lingual to the orifice of MB canals.
- (26) The apical third of root of maxillary lat. incisor is  $\rightarrow$  often curved distally & lingually.
- (27) According to Vertucci classification type IV  $\rightarrow$  2 separate canals leaving the root at 2 separate apical foramina.
- (28) The most prevalence canal configuration of maxillary central & lateral incisors  $\rightarrow$  Type I
- (29) Maxillary canine  $\rightarrow$  length more than 25% has one pulp horn.
- (30) Mandibular 2nd premolars are different from 1st premolar  $\rightarrow$  root canal variations are found less often in 2nd premolars.
- (31) The maxillary and premolars  $\rightarrow$  the root orifices well apical to the cervix.
- (32) The access cavity outline of maxillary 1st molar  $\rightarrow$  Trapezoidal
- (33) The access cavity of mandibular 1st molar  $\rightarrow$  Rectangular

- (6) The incidence of the canal in distal root of mandibular 2nd molar  $\rightarrow$  Not more than 10% of cases.
- (7) The groove in working surface of file  $\rightarrow$  file it.
- (8) The angle cutting edge forms with the long axis of the file  $\rightarrow$  helix.
- (9) The blade of Hedstrom file cut most efficiently by  $\rightarrow$  pulling action.
- (10) ANSI no. 28 Perak file prescribe a taper of  $> 0.02$ .
- (11) Chairside disinfection of gutta perch best done  $\rightarrow$  with 5.25% hypochlorite.
- (12) Perforation on the mesial in the cervical third of <sup>root of</sup> maxillary 1st premolar the common error for endodontic procedure.  $\rightarrow$  a concavity on the mesial of the root frequently exist.
- (13) The majority of root canal microorganisms are aerobic X
- (14) The average distance between apical constriction & apical foramen is between 15 - 1.5 mm.
- (15) Apical foramen flared out of apical constriction like a funnel shape (Morning Glory).
- (16) A mouse hole effect is caused by extension of the orifice into the axial wall.
- (17) Always before reusing the file it should be clean & inspected for the deformity.
- (18) The smaller the pitch of the file the less the spiral, the file has greater helix angles X
- (19) Rooted probes should always be used to remove pulp tissue from the canal.
- (20) Cyclic fatigue is the amount of rotational torque that can be applied to locked instruments. X
- (21) Transportability is excessive loss of dentin from the cut wall of the curved root canal system.
- (22) A high torque low rpm electric handpiece is best used with Ni-Ti rotary files.

In Management of Ulcer Disease, the most used drug  
in Neutralize the hyperacidity is:

5) Megadrate

2) GnRH From where it is released?

3) "Kallmans Syndrome"

4) Ganirelix

10.5) all of the following hormone excreted by pituitary gland except:-

6) Alcohol  $\rightarrow$  will f. the secretion of ADH

To cure Acne antibiotic

7) Acne is a side effect of  $\rightarrow$  Act H <sup>Gassy Pot</sup>

15. 8) the drug that have a glassy taste is metallic taste

9) what is the 2<sup>nd</sup> messenger of Histamine H<sub>1</sub> receptor  $\rightarrow$  IP<sub>3</sub>

10) Felty's syndrome

11) Liothyronine sodium  $\rightarrow$  T<sub>3</sub> liotrex T<sub>3</sub>+T<sub>4</sub>

12) L-thyroxine Sodium  $\rightarrow$  T<sub>4</sub> nausea/vomiting/drowsiness  $\rightarrow$  Hypothyroid & Bipolar Psychotic

13) Lithium Carbonate  $\rightarrow$  amotility  $\rightarrow$  constipation  $\rightarrow$  the release of endorphins

14) T<sub>4</sub> will decrease in presence of Aspirin

Aspirin + T<sub>4</sub>  $\rightarrow$  addi. and. new UI

UI  $\rightarrow$  wt. gain  $\rightarrow$  UI

5) drug interaction

! Aspirin

abt the Centrally acting emetics:

15. \* Syrup of ipecac "Ipecacuanha" has local + central effect ↑ CTZ. ✗

16. Antipsychotic butyrophenones <sup>α<sub>2</sub> adrenergic</sup> <sub>5HT<sub>2</sub> receptor antagonist</sub>

Giving post or preoperatively. ✗

17. 5-HT<sub>3</sub> receptor antagonist: ondansetron ✗  
... 5-HT receptor antagonist SH 124

highly effective in the management of Nausea and vomiting induced by cytotoxic drugs and radiotherapy

18. H<sub>2</sub>-Receptor blockers → Cimetiidine

(H<sub>2</sub>) *jele jis ap V, -V, su -V J's*

9. Adrenomimetic amines → Isoproterenol <sup>β<sub>2</sub></sup>  
Metaproterenol <sup>β<sub>2</sub></sup>

10. Side effect → tachycardia.

11. Prednisone *an uj jis, jis jis jis jis jis*  
inflammation (Asthma)

12. Zafirlukast *jis jis jis jis jis*  
inflammation

13. Interstitial pneumonia and fibrosis  
Methotrexate

causes

- 24). pleural effusion and fibrosis :- radioactive iodine  
Bromocriptine.
- 25) preanesthetic Medication  $\leftarrow$  ne dix  
Non depolarizing Muscle :- ne dix II  
Relaxant.
26. Non d. M. R  $\rightarrow$  Metabolize by liver.  
d.m.r  $\rightarrow$  by Plasma.

27) drug of Choice for Malignant hyperthermia,  
Dantrolene Sodium.  $\beta$  blocker

28) which will cause Malignant Hyperthermia.

1. Halothane
2. Succinyl Choline
- 3 - Anesthesia.

29) All of the above.

Ans : ne dix; (IV) airway is short + crystalline zinc  
Abdomen: ne dix with metformin + emergency  
I.A

① Placental ne dix is Ca, in sib' i g!

Lung  $\rightarrow$

turbid co<sub>2</sub>

of zinc crystals

② Methimazole

③ Carbimazole

④ PRL

Bupivacaine      ~~nic D's~~  
Method      ~~re 31/2), i M-211~~  
of application and Clinical uses -

31 "Prilocaine less toxic than lidocaine" ~~is true~~  
~~- It is up to you~~

32 Cocaine - Good vasoconstrictor.

33 Lidocaine :- the most widely used anaesthetic.

34 Expectorants. Guaiifenesin.

35 Histamine Releasing inhibitor ~~clergies~~  
cromlyn sodium/Helocromyl sodium/Ketotifen

36 ~~Prostaglandin~~ octreotide  $\rightarrow$  Sarcinoid Syndrome

37 H<sub>1</sub> antagonist :- know the most and least Cholinergic Activity.

38 Selective Serotonin -- inhibitor :-

Fluoxetine

39 Serotonin antagonist - Ketyserine

40 the Name of the drugs that decrease the  
induce vomiting. - -

41 ~~Stevone~~ ~~ni. p. t~~  
- - Stevone

41) Corticosteroid  $\rightarrow$   $\uparrow$  Catabolism on Protein.

Antidiarrhoeal PPI

42) "  $\rightarrow$  have Aldosterone-like effect.  
on electrolytes

43) abt the Clinical uses of Corticosteroid {most in Dermatology}  
(1) Antiinflammatory (2) Immunosuppressants (3) Antiallergic

44) what is the Corticosteroid drug that doesn't affect the axis? non adl like activity

Dexamethasone.

45) Danazol: Androgenic,  $\downarrow$  FSH & LH

46) abt drug-drug interaction of Corticosteroid. Know everything

47) Tamoxifen for Breast Cancer. inhibit Estrogen  $\begin{cases} \text{Androgen} \\ \text{Progesterone} \\ \text{Estrogen} \end{cases}$  (cause abortion) Antibprogestines.

48) Mifepristone:  $\downarrow$  Progesterone (cause abortion)

49) Flutamide non steroid  $\rightarrow$  eliminate the androgen to nuclei  
cause gynaecomastia & liver toxicity Antianдрогенs.

50) selective COX 2 inhibitor  $\rightarrow$  Meloxicam. GI R/H prostate cancer

51) non selective  $\rightarrow$  Aspirin, Ibuprofen.

52) Abortifacient, Labor inducer  $\rightarrow$  dinoprost. (Prostaglandin)

53) Infertility & drugs used:- 48- clomiphene citrate

20 1. GnRH endogenous (ejaculation control) exogen

2. Flutamide  $\downarrow$  ACTH & CRH  $\uparrow$

3. ?? Ex analog Clomiphene citrate

4. 1+3 Tamoxifen

5. All of the above.

25 Spironolactone: ① Female hair loss

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54) Endometriosis - LSH, FSH, LH → 1. Danazol

1. GnRH
2. Mifepristone
3. Ozogamic Danazol

4. (1+3) 5. All of the above.

55) drug for Sustained postpartum Hemorrhage - a. Oxytocin

b.  $\beta_2$  receptor agonist d. diprost

c. ergot alkaloid diprost

56) Contraceptive wrong : decrease ovary cancer.

57) ADH inhibited by except:-

- a. Hypovolemia
- b. Hypovolemia
- c. tricyclic Antidepressant
- d.  $\alpha$  adrenergic phenothiazine
- e.  $\alpha$  adrenergic phenothiazine

58) Diuretic insipidus - desmopressin

59) property exist in all Carbamates :-

i. water + Na Retention.

60) tamoxifen anti F.

15 E antagonist & infertility

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2006/6/25

final exam

permitt

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