

# Endocrine

دفعة وثين



الطبيب الجراحة  
لجنة

**1) Pars distalis is the ?**

- A) anterior pituitary**
- B) posterior pituitary**
- C) infundibulum**
- D) pituitary stalk**

**Answer: A**

**2) Pars nervosa is the?**

- A) anterior pituitary**
- B) posterior pituitary**
- C) infundibulum**
- D) pituitary stalk**

**Answer: B**

**3) Protruding tongue and umbilical hernia are symptoms of??**

- A) Hashimoto thyroiditis**
- B) De Quervain thyroiditis**
- C) Subacute lymphocytic thyroiditis**
- D) Cretinism**

**Answer: D**

**4) Neurohypophysis?**

- A) pars distalis**
- B) pars tuberalis**
- C) pars nervosa**

**Answer: C**

**5) Right adrenal gland anteriorly related to ?**

**A)body of pancreas**

**B)liver**

**C)Diaphragm**

**D)kidney**

**Answer: B**

**6) Superior to the pituitary gland?**

**A)diaphragma sellae**

**B)sphenoid air sinus**

**C)dorsum sellae**

**D)pons and basilar artery**

**Answer: A**

**7) All Treatment of hypercalcemia except?**

**A)calcitonin**

**B)Bisphosphonate**

**C)phosphate**

**D)PTH**

**Answer: D**

**8) All Treatment of hypocalcemia except?**

**A)calcium(iv or oral)**

**B)Vit.D**

**C)PTH**

**D)calcitonin**

**Answer: D**

**9) All Treatment of osteoporosis except?**

**A) calcitonin**

**B) Estrogen replacement therapy**

**C) Dietary Ca supplements & Vit.D**

**D) PTH**

**Answer: D**

**10) Which of the following polypeptide loops connect the domains(H3 &H4) in GPCRs??**

**A) C3**

**B) E2**

**C) E1**

**D) C2**

**Answer: D**

**11) All are true according to the gonadotropin toxicity and contraindication except?**

**A) multiple pregnancies**

**B) Headache**

**C) edema and depression**

**D) ovarian hypostimulation syndrome**

**Answer: D**

**12) IP<sub>3</sub>-gated channel(receptor) composed of \_large identical subunit.**

**A) 1**

**B) 3**

**C) 2**

**D)4**

**Answer: D**

**13) The origin of adrenal cortex:**

**A)coelomic epithelium**

**B)neural crest**

**C)copula of His**

**D)1st pouch between tuberculum impar**

**Answer: A**

**14) All of the following are true according to the hyperglycemia during pregnancy except??**

**A)defined by the same criteria as in non pregnant person**

**B)consider as a risk factor for developing T2DM**

**C)Diagnosed at glucose cut-off points that are higher than those for diabetes**

**Answer: A**

**15) According to the Waterhouse friderichsen syndrome all are true except?**

**A)grossly, the adrenals are hemorrhagic and shrunken**

**B)in histo ,little residual cortical architecture is discernible**

**C)always unilateral**

**D)in infant with overwhelming sepsis**

**Answer: C**

**16) All are correct about Ganirelix except?**

**A)absorbed rapidly**

**B)given orally**

**C)preventing the LH surge during controlled ovarian hyperstimulation**

**D) can cause nausea and headache**

**Answer: B**

**17) All of the following Adverse effect of carbimazole except?**

**A)rash**

**B) liver damage**

**C)arthralgia**

**D)granulocytosis**

**Answer: D**

**18) Calcitonin is secreted from?**

**A)chief cells**

**B)islet of langerhans**

**C)parafollicular cells(c-cells)**

**D)oxyphil cells**

**Answer: C**

**19) According to the steroid nucleus all are true except?**

**A)4 rings(A,B,C,D)**

**B)composed of 17 carbon atoms beside 2 methyl groups**

**C) there is a methyl group at C17**

**D)there is methyl group at C13**

**Answer: C**

**20) Deficiency in 21-hydroxylase can lead to all of the following except?**

**A)Excess adrenal androgens**

**B)Deficiency in cortisol and aldosterone**

**C) Ambiguous genitals**

**D) adrenogenital syndrome**

**Answer:**

**21) According to the cholesterol all true except?**

**A) has 2 methyl group (one of them between (A,B) ring and another between (C,D) ring**

**B) eight -carbon branched hydrocarbon chain attached to C17 of the D ring**

**C) Ring A has hydroxyl group at C3**

**D) Ring B has double bond between C6 & C7**

**Answer: D**

**22) All are true according to the adverse effects of thyroid hormones except?**

**A) Muscle pain (myalgia)**

**B) Anginal attacks**

**C) Headache**

**D) hyperthyroidism**

**E) Arrhythmias**

**Answer: B**

**23) Outer part of the adrenal cortex?**

**A) Z. glomerulosa**

**B) Z. fasciculata**

**C) Z. reticularis**

**Answer: A**

**24) Inner part of the adrenal cortex?**

**A) Z. glomerulosa**

**B)Z.fasciculata**

**C)Z.reticularis**

**Answer: C**

**25)All are true about the soluble insulin except?**

**A)short duration of action**

**B)used 30m before meals**

**C)given 3 times per day**

**D)given (IM) in diabetic ketoacidosis**

**Answer: D**

**26) All are mass effect of pituitary adenoma except ??**

**A)elevated intracranial pressure**

**B)hypopituitarism**

**C) cranial nerve palsy**

**D)symptoms of hormone production**

**E)visual field abnormalities**

**Answer: D**

**27) Energy rich molecule??**

**A)NADH\FADH2**

**B)phosphoenolpyruvate**

**C)1,3bisphosphoglycerate**

**D)1,3disphosphoglycerate**

**Answer: A**

**28) The enzyme that is inhibited by fluoride?**

**A)Fumarase**

**B) Enolase**

**C) malate dehydrogenase**

**D) pyruvate kinase**

**Answer: B**

**29) According to the reactant in gluconeogenesis all are true except?**

**A) 2 pyruvate**

**B) 2 NAD**

**C) 4 ATP**

**D) 4 Pi**

**E) 2 GTP**

**Answer: D**

**30) Total ATP molecules in the liver ??**

**A) 28**

**B) 30**

**C) 32**

**D) 34**

**Answer: C**

**31) The following reaction or step is reversible?**

**Select one:**

**A) AcetylCoA formation reaction**

**B) Formation of pyruvate from phosphoenolpyruvate**

**C) Phosphorylation of fructose-6-phosphate to fructose 1,6 bisphosphate**

**D) Cleavage of fructose 1,6 bisphosphate by aldolase enzyme**

**E) Phosphorylation of glucose to glucose-6-phosphate**

**Answer: D**

**32) For chylomicrons, the major lipid is?**

- A) Free fatty acids**
- B) Cholesterol esters**
- C) Cholesterol**
- D) Triglycerides**
- E) Phospholipids**

**Answer: D**

**33) Hemolytic anemia occurs in patients who are diagnosed with favism only when they eat?**

- A) Broad beans**
- B) Meat**
- C) Bread**
- D) Bananas**
- E) Rice**

**Answer: A**

**34) Favism is caused by deficiency in?**

- A) Glycogen synthase**
- B) Fructokinase**
- C) Galactokinase**
- D) G6PD**
- E) Glucokinase**

**Answer: D**

# الطب الجراحة لجنة