

Class Test Medicine(3)

Endocrine (Final Year MBBS 2020-21)

1. A 45-year-old lady complained of palpitations, sweating and weight loss for 4 months. On examination she had tachycardia, tremors, lid retraction and uniformly enlarged goiter with bruit. T3 and T4 were raised. What is the most likely cause of hyperthyroidism in this patient?
 - a. Toxic multinodular goiter
 - b. Hashimoto's thyroiditis
 - c. Grave's disease**
 - d. Toxic adenoma of thyroid
2. A 60 year old obese hypertensive patient with buffalo hump and purplish striae presented to OPD for raised blood sugar levels. Which of the following is screening test for diagnosis of cushing syndrome?
 - a. Plasma ACTH level
 - b. High dose dexamethasone suppression test
 - c. Corticotrophin releasing hormone test
 - d. 24 hour urinary free cortisol level**
3. A young girl presented in outdoor having report of thyroid function tests. Her TSH was low and T3 and T4 was normal. What is the diagnosis?
 - a. Primary hyperthyroidism
 - b. Secondary hyperthyroidism
 - c. Subclinical hyperthyroidism**
 - d. Sick euthyroidism
4. Which one of the following investigations differentiates Cushing's disease from Cushing's syndrome?
 - a. Raised 24-hour urinary cortisol
 - b. Hyperkalemia
 - c. Raised plasma adrenocorticotrophic hormone**
 - d. Presence of pituitary macro adenoma
5. An old lady presented with vomiting , abdominal pain , fatigue and tiredness. On examination she had postural hypotension and hyperpigmentation of buccal mucosa. What is the most likely diagnosis?
 - a. Hypoparathyroidism
 - b. Cushing disease
 - c. Addison's disease**
 - d. Conn's syndrome
6. Which endocrine organ acts like the postganglionic neurons of the sympathetic nervous system? Your first question?
 - a. islets of Langerhans of the pancreas
 - b. Thyroid gland
 - c. Parathyroid gland**
 - d. Adrenal medulla

7. A young patient was diagnosed secondary hypertension due to Conn's syndrome? Which of the following electrolyte will be low in this patient?
- Sodium
 - Potassium**
 - Calcium
 - Magnesium
8. An acromegalic patient presented with severe pain in epigastrium. On endoscopy multiple duodenal ulcers noted. Which of the following will confirm the diagnosis of MEN1 syndrome in this patient? Your second question?
- Hyper-cortisolism
 - Hyperthyroidism
 - High urinary meta nephrine levels
 - Hyperparathyroidism**
9. The level of sodium in the blood is regulated by the secretion of
- Growth hormone
 - Cortisol
 - ACTH
 - Aldosterone**
10. A 35-year-old man has episodic hypertension accompanied by palpitations, sweating and headache. Plasma meta nephrine levels are raised, which one of the following tests is most helpful in identifying the site of pheochromocytoma?
- Plain x-ray abdomen
 - Scintigraphy using meta-iodo-benzyl-guanidine (MIBG)**
 - Abdominal CT scan
 - Ultrasound abdomen