



Hyperthyroidism, also known as thyrotoxicosis or Graves disease, is marked by an excess of thyroid hormones. There is much evidence for a hereditary factor in the development of this condition, and some researchers consider it to be an autoimmune disorder caused by (1) that bind to the surface of thyroid gland cells and stimulate (2) of hormones (T3 and T4—triiodothyronine and thyroxine). On histologic examination, the enlarged gland is composed of (3) follicles lined with hyperactive cells. Signs and symptoms of hyperthyroidism include restlessness, insomnia, weight loss, sweating, and rapid heartbeat, or (4). Abnormal protrusion of the eyes, known as (5), is another clinical sign. The patient typically also has an enlarged thyroid gland, called a/an (6).

1-----

- A. Antigens
- B. Cytokines
- C. Antibodies
- D. Inflammation

2-----

- A. Hypersecretion
- B. Hypo secretion
- C. Destruction
- D. Diminution

3-----

- A. Hypo plastic
- B. Aplastic
- C. Goiter
- D. Hyperplastic

4-----

- A. Dyspnea
- B. Tachycardia
- C. Bradycardia
- D. Beatcgardia

5-----

- A. Cataract
- B. Glaucoma
- C. Exophthalmos
- D. Goiter

6-----

- A. Goiter
- B. Thyroidemegaly
- C. Stridor
- D. Neck mass

7- According to the text Graves' disease is:

- A. Hereditary condition
- B. Autoimmune condition
- C. Toxic condition
- D. Infectious condition

8- According to the text one statement is false about insomnia:

- A. Waking up too late
- B. Feeling cranky
- C. Making more errors
- D. Feeling depressed

Sam had noticed bright red rectal bleeding for several days when he finally saw his family practitioner. This physician referred him to a/an (-9-). A (-10-) was scheduled, which revealed a large pedunculated (on a stalk) polyp (benign growth) in the descending colon. The polyp was resected and sent to the (-11-) department for evaluation. Fortunately, it was a noncancerous or (-12-) lesion. Sam will need follow-up (-13-) in a year.

9-----

- A. Endocrinologist
- B. Urologist
- C. Gastroenterologist
- D. Gastric surgeon

10-----

- A. Laparoscopy
- B. Colonoscopy
- C. Bronchoscopy
- D. Vagioscopy

11-----

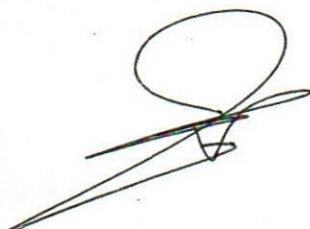
- A. Pathology
- B. Hematology
- C. Infectious disease
- D. histology

12-----

- A. Malignant
- B. Metastatic
- C. Benign
- D. Aplastic

13-----

- A. Laparotomy
- B. Endoscopy
- C. Laparoscopy
- D. Rectoscopy



31-Means smaller lower leg bone:

- A. Callus
- B. Femur
- C. Fibula
- D. Pelvic

32-The process of stopping something from moving is:

- A. Fixation
- B. Immobilization
- C. Admission
- D. Hospitalization

Match the combining form from the list to their meanings:

- A. Plas/o
- B. Son/o
- C. Cost/o
- D. Cis/o

33-To cut **D**

34-Formation **A**

35-Ribs **C**

36-Growth **A**

37-Sound **B**

Match the abnormal condition in the list with the organ or lesion or body part in the questions:

- A. Aphasia
- B. Dysplasia
- C. Quadriplegia
- D. Dysphagia

38-Esophagus **D**

39-Uterine cervix **B**

40-Left sided brain **A**

41-Spinal cord **C**

42-Associates with drooling **D**

43-Affects how you communicate **A**

Read the text then answer the questions from 44 to 50:

A 36-year-old woman known to have type 1 diabetes mellitus was brought to the emergency department after being found collapsed at home. She had experienced 3 days of extreme weakness, polyuria, and polydipsia. It was discovered that a few days before her admission, she had discontinued use of her external insulin pump.

44- type 1 diabetes mellitus is:

- A. Autoimmune disorder
- B. Infectious disorder
- C. Inflammatory disorder
- D. Hereditary disorder

45-Excessive thirst is:

- A. Polyuria
- B. Polydipsia
- C. Weakness
- D. Lethargy

46-Excessive urination is:

- A. Polyuria
- B. Polydipsia
- C. Weakness
- D. Lethargy

47-Discontinued in the text means:

- A. Have no longer available
- B. Having given away
- C. Associated
- D. Increased

48-Which word in the text indicates a case of shock:

- A. Experienced
- B. Discontinued
- C. Collapsed
- D. Pump

49-The patient in the case has:

- A. DKA
- B. Cardiac infarction
- C. ACS
- D. PDA

50-The insulin pump is a portable device which delivers insulin via:

- A. SC
- B. IM
- C. IV
- D. PO



Select from the list the correct answer for questions concerning suffixes (14-20)

- A. -ation
- B. -ous
- C. -um
- D. -lysis

- 14- Process **A**
- 15- Condition **A**
- 16- Pertaining to **B**
- 17- Structure **C**
- 18- Separation **D**
- 19- Loosening **D**
- 20- Destruction **D**

Read the text then answer the questions from 21 to 26:

Mr. Rose was admitted to the cardiac care unit (CCU) with angina and a history of hypertension. A coronary angiogram showed spasm of the right coronary artery, causing acute myocardial ischemia. The electrocardiogram (ECG) showed ventricular arrhythmias as well. Nitroglycerin was administered, and within minutes, the angiogram showed reversal of the spasm. The ECG recorded reversal of the life-threatening arrhythmias as well. To prevent further ischemia and myocardial infarction, Mr. Rose's treatment will include antiarrhythmic, diuretic, and anticoagulant drugs. In the future, he may need an additional procedure to place a stent in his coronary artery to keep it open.

21- Tube inserted into artery to keep it open is:

- A. Angina
- B. Stent
- C. Spasm
- D. Diuretic

22- Drug that treats blood clots is:

- A. Antiarrhythmic
- B. Diuretic
- C. Anticoagulant
- D. Nitroglycerin

23- Furosemide is:

- A. Anticoagulant
- B. antiarrhythmic
- C. Diuretic
- D. Antidiuretic

24- Which of the following drugs can be delivered by patch:

- A. Anticoagulant
- B. antiarrhythmic
- C. Nitroglycerin
- D. Antidiuretic

25- Which of the following drugs is blood thinner:

- A. Anticoagulant
- B. antiarrhythmic
- C. Nitroglycerin
- D. Antidiuretic

26- According to the text which word means capable of causing death:

- A. life-threatening
- B. Spasm
- C. Artery
- D. Admitted

Read the text then answer the questions from 27 to 32:

A 20-year-old male patient was admitted to the hospital after a motorcycle accident. He was found to have fractures of the right fibula, right femur, and pelvis and intra-abdominal injuries. He was taken to surgery, and internal fixation of the right femur was performed. A cast was applied to the femur for immobilization, and the fibula healed on its own with callus formation.

27- Bony deposit formed between and around the broken ends of a fractured bone is:

- A. Fixation
- B. Callus
- C. Femur
- D. Fibula

28- Means thigh bone:

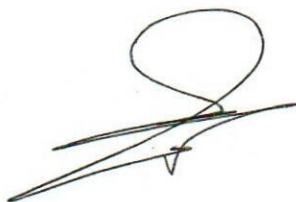
- A. Callus
- B. Femur
- C. Fibula
- D. Pelvic

29- Means hipbone:

- A. Callus
- B. Femur
- C. Fibula
- D. Pelvic

30- Means act of holding:

- A. Fixation
- B. Immobilization
- C. Admission
- D. Hospitalization



For the questions 51-56 match the medical specialties in the list to the problems:

- A. Endocrinologists
- B. Allergists
- C. Geriatrician
- D. Physiatrist

- 51- Focus on conditions associated with disability **D**
52- Care for people with growth disorders **A**
53- Help design a treatment plan after an injury or stroke **D**
54- Diagnosing and treating immune deficiency disorders **B**
55- Diagnosing and treating asthma **B**
56- These doctors are useful for people older than 65 years who have several medical problems **C**

For the questions (57-50) put **(A)** if correct and **(B)** if wrong

- 57- A urologist is an internal medicine specialist who diagnoses and treats disorders of the kidneys. **B**
58- A neurologist operates on the brain, nerves, and spinal cord. **B**
59- A cardiologist operates on the heart and blood vessels **B**
60- A rheumatologist is a surgeon who diagnoses and treats bone, muscle, and joint conditions. **B**

End of questions
Good luck

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