



Q1. A 45-year-old man presented with paraesthesia & numbness of his left hand.

The results of his glucose tolerance test (75 grams orally, venous plasma glucose at 30 minutes intervals) and growth hormone levels were as follows:

Time (min)	Venous plasma glucose (mg/dl)	Growth hormone (N:<4)
0	168	14
30	250	19
60	271	22
90	243	43
120	222	24

Can you link these values into one diagnosis?

Q2. This gentleman's foot is warm, swollen & red, but is not painful. On examination, the skin is found to be intact and there is no ulceration. The foot is not tender and peripheral pulses are present.

Investigations:

Blood glucose (2 hour PP): 346 mg/dl. Uric acid : 6.1 mg/dl.

Doctor A: Started IV ceftriaxone & Linezolid.

Doctor B: Only immobilised & forbade weight bearing.

Doctor C: Started colchicine & subsequently allopurinol

What is the diagnosis, which doctor is correct?

Q3. A 24-year-old teacher, a type 1 diabetic, was troubled with unpredictable hypoglycemic episodes despite periodic reduction of insulin dosage during previous months.

He has a body weight of 46 kg, BP of 110/64 mm of Hg & vitiligo in the neck. A diagnostic

work up done after he collapsed in the class, following a dizzy spell, showed the following:

Hb: 11 gm/dl, normal differentials

Urea: 26mg/dl, Creatinine : 0.6mg/dl

Glucose (2 hrPP) = 212mg/dl, Na = 138meq/l, K=4.8meq/l

TSH: 9.µIU/ml (0.23-3.8), fT4 : 1.2ng/dl (1.9-2.8ng/dl)

Cortisol 1.8µg/dl(6-30), ACTH 1047pg/ml (9-52)\

What is the complete diagnosis?

Q4. The term "Diabetes" was first used by

- Aretaeus
- Georg Ebers
- Avicenna
- Thomas Willis

Q5. The term "mellitus" was first used by

- Captain Meredith
- John Rollo
- Oskar Minkowski
- Bernard.

Q6. Sugar in Diabetic urine is "glucose" was proved by

- Michel Chevreul
- Trommer
- Moore
- Fehling

(Answers on page 37)

Q7. The term “Islets of Langerhans” was first used by

- Paul Langerhan
- Julius Hirschberg
- Pavy
- Laguesse

Q8. The term “Insuline” was first used by

- a. Jean de Meyer
- b. Brown - Sequard
- c. Murray
- d. Frederick Pavy