



### Select the Correct answer

(Compiled by Dr. Saumik Datta and Prof. Samar Banerjee)

**Q1. Which one is correct?**

- A. Amylin is secreted from  $\alpha$ -cells.
- B.  $\beta$ -Cell is situated peripherally in islets.
- C.  $\beta$ -Cells constitute 50% of islets.
- D.  $\delta$ -Cells are smaller than  $\beta$ -cells.

**Q2. T1DM drug – FDA approved as adjunctive therapy**

- A. DPP-4 inhibitors
- B. Pramlintide
- C. Metformin
- D. Sodium-glucose cotransporter 2 inhibitors

**Q3. Thiazides-induced diabetes is due to**

- A. Increased insulin resistance.
- B. Insulin secretory defect.
- C. Insulin synthesis defect.
- D. Glucagon abnormality.

**Q4. Advanced glycation end-products: which one is false?**

- A. Increases food flavor
- B. Cause  $\beta$ -cell injury
- C. Dry heat accelerates AGE production
- D. Boiling accelerates AGE production

**Q5. T1DM drug – FDA approved as adjunctive therapy**

- A. DPP-4 inhibitors
- B. Pramlintide
- C. Metformin
- D. Sodium-glucose cotransporter 2 inhibitors

**Q6. Which is true for glycemic index?**

- A. Glycemic index of glucose is 98%.
- B. Low glycemic index food leads to early satiety.
- C. High glycemic index food leads to early satiety.
- D. High glycemic index food leads to slower absorption.

**Q7. Which anti-diabetic drug is not increasing serum insulin level?**

- A. Glimeperide
- B. Metformin
- C. Nateglinide
- D. Glipizide

**Q8. In obesity, most dramatic increase in cancer risk is with**

- A. Stomach
- B. Liver
- C. Kidney
- D. Esophagus

(Answers on page 42)

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