

FNP Diabetes Review Question Bank – 30 Questions

1. Fasting plasma glucose diagnostic for diabetes?

Answer: A. ≥ 126 mg/dL

Rationale: Fasting glucose ≥ 126 mg/dL on two separate occasions confirms diabetes.

2. A1c diagnostic criterion for diabetes?

Answer: A. $\geq 6.5\%$

Rationale: Hemoglobin A1c $\geq 6.5\%$ confirms diabetes.

3. First-line medication for type 2 diabetes?

Answer: A. Metformin

Rationale: Metformin improves insulin sensitivity and is first-line unless contraindicated.

4. Oral agent that can cause hypoglycemia?

Answer: A. Sulfonylureas

Rationale: Sulfonylureas stimulate insulin secretion, which may lower blood sugar.

5. Preferred medication in T2DM with CKD stage 3?

Answer: A. DPP-4 inhibitor or GLP-1 RA

Rationale: SGLT2 inhibitors may be contraindicated in advanced CKD.

6. Preferred insulin regimen for type 1 diabetes?

Answer: A. Basal-bolus insulin

Rationale: Mimics physiologic insulin secretion.

7. Target A1c for most adults?

Answer: A. $< 7\%$

Rationale: General guideline target for glycemic control in most adults.

8. Which medication class promotes weight loss?

Answer: A. GLP-1 receptor agonists

Rationale: GLP-1 RAs improve glycemic control and reduce appetite.

9. Most common side effect of metformin?

Answer: A. GI upset

Rationale: Nausea, diarrhea, and abdominal discomfort are common.

10. Contraindication to metformin?

Answer: A. eGFR < 30 mL/min/1.73m²

Rationale: Metformin risk of lactic acidosis rises in severe CKD.

11. Which drug class reduces cardiovascular risk?

Answer: A. SGLT2 inhibitors