

36- Lipoproteins are essential for the transport of ?

- A. Cholesterol
- B. Triglycerides
- C. Fat-soluble vitamins
- D. All of the above

37-Major features of metabolic syndrome include all except ?

- A. Central obesity
- B. Hypertriglyceridemia
- C. High low-density lipoprotein (LDL) cholesterol
- D. Low high-density lipoprotein (HDL) cholesterol

38-Patients with rales at lung bases, S3 gallop, tachypnea, or signs of right heart failure belong to which Killip class ?

- A. Killip class I
- B. Killip class II
- C. Killip class III
- D. Killip class IV

39- Which of the following is not true for cardiogenic shock ?

- A. Sustained systolic arterial pressure of <60 mmHg
- B. Cardiac index < 2.2 L/(min/m²)
- C. Elevated pulmonary capillary wedge pressure (>18 mmHg)
- D. Generally associated with mortality rate of >50%

40-In renal artery obstruction, functionally significant lesions occlude ?

- A. > 30 % of the lumen
- B. > 50 % of the lumen
- C. > 70 % of the lumen
- D. > 90 % of the lumen

41-Which of the following drugs should be avoided while managing hypertension in acute aortic dissection ?

- A. Labetalol
- B. Sodium nitroprusside
- C. Hydralazine
- D. Verapamil

42-Phosphodiesterase-5 is responsible for the hydrolysis of which of the following in pulmonary vascular smooth muscle ?

- A. Cyclic GMP
- B. Cyclic AMP
- C. Endothelin-1
- D. Inositol 1,4,5-trisphosphate (IP₃)