

ASUTOSH COLLEGE

(Affiliated to the University of Calcutta)

BIOCHEMISTRY HONOURS

INTERNAL ASSESSMENT EXAMINATION-2021

SEMESTER -4, PAPER- SEC-B1

FULL MARKS: 10

TIME: 30 mins

ANSWER ALL QUESTIONS

(10×1= 10 marks)

1. Accuracy of a clinical test refers to

- (a) The capacity to measure minute amount of the analyte
the interfering compounds (b) To discriminate the analyte and
(c) conformity towards true value (d) All of the above

2. EDTA prevents

- (a) Blood coagulation (b) Hemolysis (c) Glycolysis (d) All of the above

3. Which statement best describes the differences between the characteristics of type 1 and type 2 diabetes:

- (a) type 2 diabetes requires lower doses of insulin than type 1 diabetes because they have a milder form of diabetes
(b) type 1 diabetes rapidly develop chronic complications
(c) autoimmune factors are involved in the pathogenesis of type 1 but not type 2 diabetes
(d) type 1 diabetes can increase endogenous insulin production by taking oral hypoglycemic agents

4. Tangier disease is characterized by

- (a) Reduction of HDL levels in blood (b) Absence of ABC-1 proteins (c) Both (a) and (b)
(d) None

5. Which of the following form of bilirubin is elevated in Glibert's syndrome?

- (a) Direct bilirubin and Total bilirubin (b) Indirect and total bilirubin (c) Both direct and indirect bilirubin
(d) None

6. Post-renal causes of increased blood urea are

- (a) Stones in urinary tract (b) Enlarged prostate (c) Tumors of bladder (d) All of the above

7. Glucose and ketone bodies detected in urine by dipstick method interprets

- (a) Diabetes mellitus (b) Starvation (c) Hepatitis (d) Renal glycosuria

8. Which among the following methods can be used for the analysis of cell morphology?

- (a) Cytology (b) Histopathology (c) Flow cytometry (d) All of the above

9. Ischemia is

- (a) restriction of blood supply to tissues (b) overflow of blood to tissues (c) inadequate deoxygenated blood carrying veins
(d) the medical term for shortness of breath

10. What is nephroptosis?

- (a) floating kidney (b) ptosis due to kidney disease (c) blocked kidney (d) none of the above