Seat No:

PARUL UNIVERSITY FACULTY OF PHARMACY

Semester: 2

B. Pharm. Winter 2018 - 19 Examination

Date: 10/12/2018 Subject Code: BP203 T Time: 2:00 pm to 5:00 pm

Subject Name: Biochemistry Total Marks: 75

Instructions:

- 1. Figures to the right indicate maximum marks.
- 2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)

(20)

- Which of the following enzyme have diagnostic application in acute hepatitis?
 - a) SGOT

b) PLP

c) GDH

- d) SGPT
- 2. Which of the following GAG functions as a lubricant and shock absorber?
 - a)Hyarolunic acid

b) Chondroitin sulphate

c) Heparin

- d) None
- 3. Which amino acid is mostly present on active sites of enzyme?
 - a) Cysteine

b) Serine

c) Glycine

- d) Lysine
- 4. Osazones of Lactose are of Which shape?
 - a) Needle

b) Sun-flower

c) Powder puff

- d) Broom
- 5. How many ATPs are generated from one TCA cycle?
 - a) 9 ATP

b) 12 ATP

c) 20 ATP

- d) 24 ATP
- 6. Which of the following is involved in HMP shunt?
 - a) G6PD

b) Ribulose 5 phosphate

c) NADPH

- d)All of above
- 7. N molecule on position 7 in purine nitrogen base is provided by?
 - a) Glycine

b) Glutamine

c) CO₂

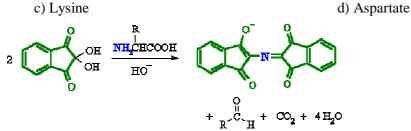
- d) NH₃
- 8. Which of the following enzyme involves nonhydrolytic removal of a group to a substrate?
 - a) Lyasaes c) Ligases

- b) Isomerases d) Nonw
- 9. Which of the following amino acid is with non polar side chain?

a) Serine

b) Proline

10.



Identify above mentioned reaction.

a) Edman's reaction

b) Sanger's reaction

c) Ninhydrin reaction

- d) None
- 11. Hydrolysis of triacylglycerols is known as
 - a) Lipolysis

b) Lipogenesis

c) Gluconeogenesis

- d) Glycolysis
- 12. Which of the following protein is important in carboxylation of Acetyl CoA in fatty acid synthesis?
 - a) Riboflavine

b) Cynocobalamine

c) Thiamine

d) Biotin

