V.P & R.P.T.P SCIENCE COLLEGE

Vallabh Vidyanagar

Internal Test: 2019

Date: 08-03-19 B.Sc VI th Semester

Total Marks - 50

Time: 10:00 to 12-00 a.m

Microbiology - US06CMIC03

Q.1	1 Multiple choice questions.	(08)	
	1. Which type of reaction is involved in catabolism?		
		Oxidative	
	b) Reductive d) N	None of above	
	2. How many proton pumped out by electron transfer from NADH to O2		
	a) 08 c) 0	06	
	b) 04 d) 1	LO	
	3. How many ATP are generated on degradation of Glucose in aerobic		
	organisms during Glycolysis?		
	a) 08 c) 0	02	
	b) 07 d) 1	10 ,	
	4. In plants, glyoxylate cycle takes place in :		
	a) Glyoxysomes c) G	Solgi apparatus	
	b) Chloroplast d) I	Mitochondria	
	5. How many Acetyl-CoA molecules are required for the biosynthesis of		
	Palmitic acid.		
	a) 09 b) 07 c) 06	d) 08	
	6. Which of the following enzyme brings reversible shift of the double		
	bond from $\Delta 3$ cis to $\Delta 2$ trans in oxidation of unsaturated fatty acids?		
	(a) Acyl CoA Dehydrogenase (c) E	Enoyl CoA Hydrase	
	(b) Thiolase (d) E	Enoyl CoA Isomerase	
***	7. N- acetyl glucosamine and N- acetyl muramic acid are polymerized		
	by glycosidic linkage in murein.		
	a) α - 1,6	x- 1,4	
	b) β-1,4 d) β	3- 1,6	
	8. Which of the following is a common intermediate in biosynthesis of		
	amino acids of Aspartate family ?		
	a) Prephenate c) L	Aspartic β- semialdehyde	
	b) Chorismate d) S	S- Adenosyl methionine	

