

- Q-5** **Write descriptive notes on-**
- a Photosynthesis (7)
 - b Methanogens (7)
- Q-6** **Write descriptive notes on-**
- a TCA cycle (7)
 - b. Aerobic Respiration (7)
- Q-7** Explain the internal structure and functions of mitochondria. Describe its unique significance. (14)
- Q-8** **Attempt all questions**
- a Explain why lipids are used as energy reserves? (7)
 - b What is ketogenesis? Comment why it is not good for cell? (7)

