

Shahjalal University of Science and Technology
Department of Biochemistry and Molecular Biology
BMB-226 Microbiology

Term Test-2

Full Marks- 10

Time- 60 min

- ~~1.~~ What is Lysogeny? Illustrate how a phage can enter into a bacterial cell.
- ~~2.~~ Name disease producing virus of plants and animals (Three from each group).
3. Characterize the following classes of fungi- Deuteromycetes, Ascomycetes, Basidiomycetes.
4. How yeast maintain both haploid and diploid condition in its life cycle?
5. Name the criteria of microbes to be used industrially.
- ~~6.~~ Distinguish between virulence and pathogenicity. Define- LD50, Exotoxin.
- ~~7.~~ Name some virulence factors of the pathogenic microbes.
- ~~8.~~ Microbial fermentation can produce various products- Justify.
9. Write the basic difference between the three major pathways of glucose catabolism in microbes.
10. Briefly discuss about the symptoms and causal agent of Tuberculosis and Cholera.