PGDBI - 6 MICROBIOLOGY

| Units | Topics | entral de la companya de la company La companya de la companya de |
|-------|---|--|
| | History of Microbiology | * : : : : : : : : : : : : : : : : : : : |
| | ♦ Introduction to Microbiology | |
| | ◆ Achievements in Microbiology | |
| 2 | Scope of Microbiology | |
| | ◆ Microbiology Classification | |
| | Branches of Applied Microbiology | |
| | Distribution of Microorganisms and their Associations with | 1 Humans |
| 3 | Classification of Microbes | |
| | ◆ (Eukaryotes) Eucarya | |
| | ♦ Archaea | |
| | Taxonomy and Classification of Prokaryotes | |
| | Bacteria (Eubacteria, or Typical Bacteria) | , ,,, |
| | Organizing Data on a Tree | |
| | ◆ Major Groups of Prokaryotes | |
| 4 | Microbial Cell Structure | |
| | The Importance of Structure to Understanding Microbes | |
| | ◆ Microscopes | |
| | Prokaryotic Cell - Structure & Function | |
| | Eukaryotic Cell - Structure & Function | |
| 5 | Nutrition and Growth of Bacteria | |
| | Nutritional Requirements | |
| | Carbon and Energy Sources for Bacterial Growth | |
| | ◆ Nutrient Uptake | |
| | ◆ Culture Media for the Growth of Bacteria | |
| | ◆ Enumeration | |
| | ◆ The Growth Curve | |
| | Physical and Environmental Requirements for Microbial G | rowth |
| | Measurement of Growth | |
| | ♦ The Control of Microbial Growth | |
| 6 | Bacterial Genetics | |
| | ◆ Nucleic Acid Structure | |
| | Bacterial Multiplication | |
| | Bacterial Recombination | |
| | ◆ Transposable Elements | |
| | ◆ Transformation and Transduction | |
| | ◆ Plasmids | |
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