

Chapter 07

DIVERSITY IN LIVING ORGANISMS

KINGDOM FUNGI:

Fungi are cosmopolitan in distribution. The fungal cell is called hyphe and the network of hyphe is called mycelium, they grow in warm and humid areas.

- ❖ Fungal body may be unicellular or multicellular.
- ❖ Fungal cell was made up of Chitin.
- ❖ Fungus may be reproduced by Vegetative, asexual, sexual reproduction. Asexual reproduction takes place by spores. Sexual reproduction takes by Gamete.
- ❖ Fungus are heterotrophic eukaryotic organisms. Some of them use decaying organic material as food and are therefore called “Saprotrophs”.
- ❖ Others require a living protoplasm of host organism for food. They are called “Parasites”.
- ❖ Some fungal associate with Algae, such relationships are called “Lichens”.

