Introduction:
Mycology is the study of fungi.
Reproduction

b) Sexual reproduction is carried out by fusion of compatible nuclei of two parent cells.

Production of sexual spores occurs less frequently, later in life, and are produced in smaller numbers compared to asexual spores.
Taxonomy of fungi

• Two classification systems used:
  1. Morphological classification of fungi:
     • Fungi are grouped into 4 morphologic classes:
       (i). Moulds
     • They are multi-cellular and filamentous fungi. The filaments (hyphae) usually branch and intertwine to form a network called mycelia.
2. Systematic classification

Based on characteristics of sexual spores:
But differences in opinion are still numerous.

Fungi classified into kingdom, divisions, subdivisions, classes, subclasses, orders, families, genera and species.