



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 02.07.2020

Characteristics of Fungi (Zygomycetes, Ascomycetes, Basidiomycetes)

F.M:15

WORKSHEET – 16 (ANSWERS)

(1x15=15)

- i) The gametes of zygomycetes are
(1) Uninucleate **(2) Multinucleate** (3) Both (1) and (2) (4) None of these
- ii) Pilobolus belongs to
(1) Ascomycetes (2) Basidiomycetes **(3) Zygomycetes** (4) Oomycetes
- iii) Which of the following meiospores are found in zygomycetes?
(1) Ascospores **(2) Germ spores** (3) Basidiospores (4) None of these
- iv) Dikaryophase is not found in
(1) *Aspergillus* **(2) Rhizopus** (3) *Neurospora* (4) *Agaricus*
- v) Which of the following is found in ascomycetes?
(1) **Crozier formation** (2) Buller phenomenon (3) Clamp connection (4) None of these
- vi) Which of the following is not a type of ascocarp?
(1) Apothecium (2) Perithecium (3) Cleistothecium **(4) Epithecium**
- vii) Which of the following produces the antibiotic Griseofulvin?
(1) *Neurospora* **(2) Penicillium** (3) *Saccharomyces* (4) *Morchella*
- viii) Which of the following is a thick walled diploid spore?
(1) Ascospore (2) Basidiospore **(3) Zygosporangium** (4) Sporangiospore
- ix) Dolipore septum is found in-
(1) Ascomycetes **(2) Basidiomycetes** (3) Zygomycetes (4) Oomycetes
- x) Karyogamy occurs inside the basidium mother cell to form a _____ nucleus
(1) **Diploid** (2) Haploid (3) Both (1) and (2) (4) Triploid
- xi) Clamp connection helps in formation of
(1) Monokaryotic **(2) Dikaryotic** (3) Gametes (4) None of these
- xii) The mycelial cells when they have two nuclei and organise to form fruit body is called-
(1) Primary mycelium (2) Secondary mycelium **(3) Tertiary mycelium** (4) All of these
- xiii) The number of basidiospores produced on each basidium is
(1) 1 (2) 2 (3) 3 **(4) 4**
- xiv) Which of the following is also called 'Club Fungi'?
(1) Ascomycetes **(2) Basidiomycetes** (3) Zygomycetes (4) Oomycetes
- xv) To form 8 ascospores, the diploid nucleus within the ascus mother cell undergoes meiosis followed by-
(1) Meiosis **(2) Mitosis** (3) Both (1) and (2) (4) None of these

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