

BOARD OF INTERMEDIATE EDUCATION, KARACHI

INTERMEDIATE EXAMINATION, 2016 (ANNUAL)

Date: 10.05.2016

9:30 a.m. to 9:45 a.m.

BIOLOGY PAPER – I BOTANY (THEORY) (Science Pre-Medical Group)

Max. Marks: 09

Time: 15 minutes

The correct answers are highlighted in red colour.

SECTION 'A' (MULTIPLE CHOICE QUESTIONS) – (M.C.Qs.)

Code No: BT-13

Write this Code No. in the Answerscript.

NOTE:

- This section consists of 18 part questions and all are to be answered. Each question carries $\frac{1}{2}$ mark.
- Do not copy the part questions in your answerbook. Write only the answer in full against the proper number of the question and its part.
- The code of your question paper is to be written in bold letters in the beginning of the answerscript.

1. Choose the correct answer for each from the given options:

- In Electron Microscope, the source of light is:
* Ordinary light * Infrared light * **Electron beam** * Ultra violet light
- The Fungi, in which sexual Reproduction is Lacking, belong to the class:
* Zygomycota * Basidiomycota * **Deutromycota** * Ascomycota
- The basic unit of Biological classification is:
* Division * **Species** * Class * Order
- Almond belongs to the family:
* Poaceae * Fabaceae * **Rosaceae** * Solanaceae
- Ovary is slightly obliquely placed in this family:
* Caesalpiniaceae * **Solanaceae** * Rosaceae * Poaceae
- Chloroplast contains densely packed stacks of thylakoids known as:
* Stroma * **Grana** * Frets * Matrix
- The process of absorption of water and swelling up of hydrophilic substances is known as:
* Plasmolysis * Osmosis * **Imbibition** * Deplasmolysis
- The fungus phytophthora causes a disease known as:
* **late blight of Potato** * Late blight of Tomato
* Early blight of Potato * Early blight of Tomato
- Photosynthetic Bacteria liberate:
* CO₂ * O₂ * **S** * H₂S
- Hydathodes take part in the process of:
* Transpiration * **Guttation** * Ascent of sap * Translocation
- The member of pteridophyte, which is commonly called 'Horse tails', its example is:
* Selaginella * **Equisetum** * Psilotum * Adiantum
- Hepatitis-type which passes through blood from mother to child during pregnancy is:
* A * B * **C** * E
- Fertilization in spermatophytes does not need water because of:
* Style * Anther * **Pollen tube** * Stigma
- The hollow filamentous appendages that help during conjugation are called:
* Flagella * **Pilli** * Cilia * Capsule
- Yeast are unicellular and belong to:
* Deutromycota * **Ascomycota** * Basidiomycota * Zygomycota
- Herpes, Shingles, Cancer and Poxes in human beings are caused by:
* Bacteria * Fungi * **Viruses** * Yeast
- Fixation of CO₂ is catalyzed by:
* Decarboxylase * **Rubisco** * PEPC * Pepsin
- Muscle fatigue may be caused by the accumulation of:
* Citric acid * **Lactic acid** * Hydrochloric acid * Nucleic acid

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