

BOARD OF INTERMEDIATE EDUCATION, KARACHI
INTERMEDIATE EXAMINATION 2016 (ANNUAL)

Date: 11.05.2016

9:30 a.m. to 9:50 a.m.

BIOLOGY AND BACTERIOLOGY
(Home Economics Group)

Max. Marks: 10

Time: 20 minutes

The correct answers are highlighted in red colour.

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

Code No:BB-05

Write this Code No. in the Answerscript.

NOTE:

- i) This section consists of 20 part questions and all are to be answered. Each question carries ½ mark.
- ii) Do not copy the part questions in your answerscript. Write only the answer in full against the proper number of the question and its part.
- iii) 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:

- i) Shigella dysenteriae is:
* **Gram negative** * Gram positive * Capsule * Spore
- ii) Water pollution is determined by the presence of:
* V. cholerae * B. subtilis * **E. coli** * none of these
- iii) Sewage means:
* Drinking water * **Waste water** * Filtered water * Mineral water
- iv) Lab. glassware is sterilized in:
* Autoclave * Incubator * **Hot Air Sterilizer*** Refrigerator
- v) Human heart consists of:
* 2 chambers * 3 chambers * **4 chambers** * 5 chambers
- vi) Bacteria are measured in:
* Centimeter * **Micrometer** * Nanometer * Kilometer
- vii) The largest artery of the human body is:
* Renal artery * Pulmonary artery * Esophagus * **Aorta**
- viii) T.A.B. vaccine provides protection against:
* **Typhoid** * Cholera * Flu * Cough
- ix) This membrane acts as a semi-permeable membrane in bacteria:
* Cell wall * **Cell membrane** * Nuclear membrane* none of these
- x) Lipase digests:
* Carbohydrates * **Fats** * Proteins * Mineral
- xi) Bacteria growing at pH 7 are known as:
* Acidophiles * **Neutrophiles** * Basophiles * Osmophiles
- xii) Exchange of gases in respiration takes place in:
* Trachea * Bronchus * **Alveoli** * Nose
- xiii) One example of capsulated bacteria is:
* V. cholerae * **B. subtilis** * Ps. fluorescens * Strep. lactis
- xiv) Bacteria found in sea water are known as:
* Thermophiles * Mesophiles * Acidophiles * **Halophiles**
- xv) Microorganisms were first observed by:
* Edward Jenner * **Leeuwenhock** * Louis Pasteur * Roger Stainier
- xvi) Bacterial granules store:
* **Food** * Toxin * Water * Energy
- xvii) The study of Bacteria is known as:
* Microbiology * Protozoology * **Bacteriology** * Zoology
- xviii) Long, thin and wavy bacteria are called:
* Cocci * Bacilli * **Spirochaetes** * Spores
- xix) Plasmolysis means:
* **Shrinkage of cells** * Bursting of cells * Growth of cells * Imbibition of cells
- xx) This juice is found in the liver:
* Gastric juice * Lipase * Rennin * **Bile juice**

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