



INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD

Faculty of Basic & Applied Sciences

Department of Bioinformatics & Biotechnology

SAMPLE PAPER BS

Bioinformatics and

Biotechnology

[Pick the date]

1. The peanut family is
 - a. Curciferae
 - b. compositae
 - c. Anacardiaceae
 - d. Liliaceae
2. Genetically engineered plants and animals are called
 - a. Transgenic
 - b. Clone
 - c. Both
 - d. None of these
3. Biotechnology deals with
 - a. Manipulation of microbes for industrial use
 - b. Cloning of genes
 - c. Tissue culture
 - d. None of these
4. It is possible to breed plants and animals of desired characteristics by
 - a. Ikebana
 - b. Anther culture
 - c. Genetic engineering
5. A broad definition of gene will be
 - a. A unit of heredity
 - b. A part of DNA
 - c. Unit of mutation
 - d. All of three
6. Proteins in cells are manufactured by
 - a. Ribosome
 - b. Dictyosome
 - c. Nucleosome
 - d. All of above
7. Genes are regarded as
 - a. The unit of evolution
 - b. The vehicle of heredity
 - c. Amino acids
 - d. Macromolecules
8.gave the concept for survival of fittest
 - a. Darwin
 - b. Lamarck
 - c. Meischer
 - d. None of above
9. Dialysis is used to correct the function of

- a. Kidney
- b. Lungs
- c. Liver
- d. Gall bladder

10. Pituitary gland is situated in

- a. Neck
- b. The base of Heart
- c. The base of brain
- d. The abdomen

11. Integrated components that work together to perform the steps called for in the program being executed, it is called

- a. CPU
- b. ALU
- c. CU
- d. System

12. Scanners are basically devices

- a. Input Devices
- b. Output Devices
- c. Storage devices
- d. None of the above

13. Set of one or more programs designed to carry out operations for a specified applications is called

- a. Firmware
- b. Utility Software
- c. Application Software
- d. System Software

14. If I were you, I.....that coat, it's too much expensive.

- a. Did not buy
- b. Wouldn't buy
- c. Am not going to buy
- d. Shall not buy

15. Where.....born? "in London"

- a. Are you
- b. Were you
- c. Have you been
- d. Did you

16. Take an umbrella with you when you got out. It.....rain later.

- a. Will
- b. Can
- c. Would
- d. perhaps

17. Molecular formula of maltose is

- a. $C_3H_6O_3$
- b. $C_{12}H_{22}O_{11}$
- c. $C_6H_{12}O_6$
- d. None of above

18. A catalyst increases rate of _____ reaction

- a. Forward
- b. Backward
- c. Both A and B
- d. None of above

19. The internal architectural design of computers differs from one system model to another.

- a) True
- b) False
- c) Sometimes True
- d) None of the above

20. Transformation of Human Readable data into binary codes is performed by.....

- a) Input Interface
- b) Input Unit
- c) Output Interface
- d) Output Unit