

ADMISSION TEST

BS (Bioinformatics)



SAMPLE TEST

Department of Bioinformatics & Biotechnology

Faculty of Basic and Applied Sciences

International Islamic University, Islamabad.

SECTION I**English (Question 1 - 10)**

1. While UK has earned record revenue this year, _____ well behind in exports.
(A) it still lag
(B) it still lags
(C) it lag still
(D) it lags still

2. Anna and Tania went shopping, but _____ couldn't find anything _____ liked.
(A) they, those
(B) they, them
(C) those, they
(D) they, they

3. Nuclear energy is _____ dangerous to be used widely.
(A) so
(B) such
(C) too
(D) that

SECTION II**Mathematics (Question 11 – 20)**

11. What is the distance travelled by a car which travelled at a speed of 80km/hr for 3 hours and 30 minutes?
- A. 275km
 - B. 280km
 - C. 285km
 - D. 290km
12. In a class of 40 students 20% are girls. How many boys are there in the class?
- a. 26
 - b. 28
 - c. 30
 - d. 32
13. Price of sugar is increased by 25%. The percentage of consumption to be decreased so that there would be no increase in the expenditure is
- A. 18%
 - B. 20 %
 - C. 22%
 - D. 24%
14. The number, whose 7% is 42, is
- A. 300
 - B. 400
 - C. 500
 - D. 600

SECTION IV**Subject based (Question 31 - 100)**

31. Severe deficiency of Vitamin-D results in _____.
- a. scurvy
 - b. rickets
 - c. night blindness
 - d. osteomalacia
32. People living in high altitudes (like mountains) usually have a _____.
- a. smaller number of Red Blood Cells
 - b. larger number of Red Blood Cells
 - c. smaller number of White Blood Cells
 - d. larger number of White Blood Cells
33. The average internal temperature of human body is _____.
- a. 35 °C
 - b. 36 °C
 - c. 37 °C
 - d. 38 °C
34. _____ is essential for the formation of haemoglobin.
- a. Calcium
 - b. Iron
 - c. Water
 - d. Carbohydrates
35. Haemodialysis means cleaning of
- (A) urine
 - (B) blood
 - (C) glomerular filtrate
 - (D) coelomic fluid
36. A group of genetically identical offspring produced by asexual method called:
- a. Spore
 - b. Clone
 - c. Crop
 - d. Bud
38. Where is RAM located?
- a. Expansion Board
 - b. External Drive
 - c. Mother Board
 - d. All of the above

39. Physical components of computers are called
- a. Software
 - b. Hardware
 - c. Database
 - d. Terminals
40. The operating system manages
- a. Memory
 - b. Processor
 - c. Disk & I/O Devices
 - d. All of the above
41. In how many generations a computer can be classified?
- a. 3
 - b. 4
 - c. 5
 - d. 6
42. In which of the following form, data is stored in computer?
- a. Decimal
 - b. Binary
 - c. Hexadecimal
 - d. Octal
43. Which part of the computer helps to store information:
- a. Disk drive
 - b. Keyboard
 - c. Monitor
 - d. Printer
 - e. None of the above