

ADMISSION TEST

BS (Biology)



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. Which of the following pathogen type cause disease that can be treated with antibiotics
- (A) bacteria
 - (B) fungi
 - (C) virus
 - (D) none of these
32. Most cell membranes are composed principally of
- (A) DNA ad protein
 - (B) protein and lipids
 - (C) protein and chitin
 - (D) protein and RNA
33. Normally, in the process of osmosis, the net flow of water molecules into or out of the cell depends upon differences in the
- (A) concentration of water molecules inside and outside the cell
 - (B) concentration of enzymes on either side of the cell membrane
 - (C) rate of molecular motion on either side of the cell membrane
 - (D) none of these
34. Sodium ions are “pumped” from a region of lower concentration to a region of higher concentration in the nerve cells of humans. This process is an example of
- (A) diffusion
 - (B) passive transport
 - (C) osmosis
 - (D) active transport