

QUESTION 15 (10%)

Which of the following is NOT a function of the cell membrane?

- A. Maintaining the cell's internal environment
 - B. Regulating the flow of materials in and out of the cell
 - C. Providing structural support and protection
 - D. Storing genetic information
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- The diagram illustrates the structure and functions of a cell membrane. It shows a phospholipid bilayer with various proteins embedded or attached. Labels include: Phospholipid bilayer, Integral protein, Peripheral protein, Channel protein, Carrier protein, and Receptor protein. A large arrow labeled 'A' points to the entire membrane structure. A large arrow labeled 'B' points to a channel protein. A large arrow labeled 'C' points to a peripheral protein. A large arrow labeled 'D' points to a nucleus containing DNA.