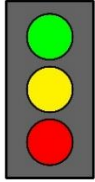
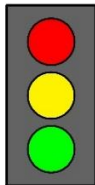


Multiple Choice Quiz



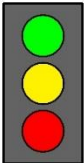
Q1. What is a receptor?

- | | |
|---|--|
| A | A cellular protein that undergoes conformational change when it binds to a ligand. |
| B | A cellular protein that prevents entry of the ligand into the cell. |
| C | A cellular protein that competes with the enzyme to bind with the ligand. |



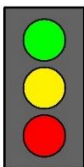
Q2. One of the factors that affects the binding between the receptor and ligand is the right orientation of the ligand. What is the other factor?

- | | |
|---|-------------------|
| A | Molecular size |
| B | Sufficient energy |
| C | Concentration |



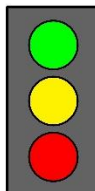
Q3. Which type of receptor has 7 transmembrane proteins

- | | |
|---|----------------------------|
| A | Enzyme-linked receptor |
| B | Ligand-ion gated channel |
| C | G-protein coupled receptor |



Q4. The rate of the forward reaction is _____ than the rate of the backward reaction.

- | | |
|---|-----------|
| A | Equals to |
| B | More than |
| C | Less than |



Q5. G-proteins become activated when it is bound to:

- | | |
|---|-----|
| A | GDP |
| B | GTP |
| C | ATP |

Answers

Q1. A.

Q2. B

Q3. C

Q4. A.

Q5. B