



#26 – study

Foundamentals of Normal Body Functions

Question 1

Answer saved

Marked out of 1.00

 Flag question

A. Match the cellular organelles with their functions:

Lysosomes

Digestive system of the cell

Golgi apparatus

Processing and package of the cellular p

Peroxisomes

Breakdown of fatty acids by beta-oxida

Smooth endoplasmic reticulum

Synthesizes lipids and steroid hormone

Write names of two ketosis

A_A

B

I

Ff

$T_{\frac{1}{2}}$

$A_{\blacktriangle}$

U

$\frac{C}{S}$

X_2

X^2

$\sqrt{a}$

Ω

T_x

Dihydroxyacetone

Ribulose



Write names of 2 components of the electron transport chain

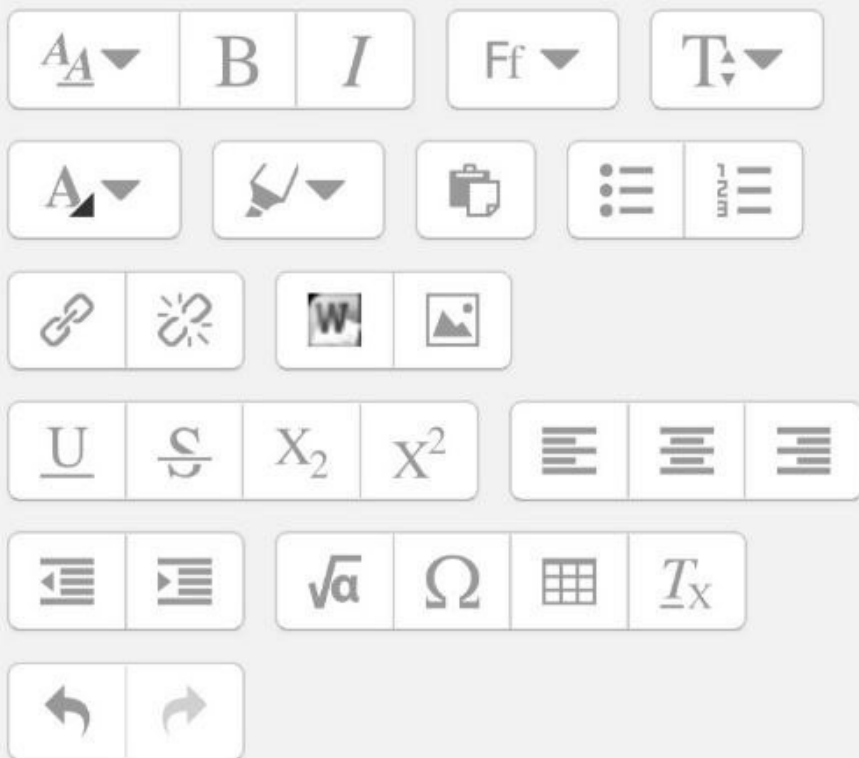
Rich text editor toolbar with the following icons:

- Text formatting: A_A (font color), B (bold), I (italic), Ff (font face), T (text color), A (background color), ↶ (text direction), 📋 (copy), ☰ (bulleted list), ☰^1 (numbered list).
- Link and unlink icons.
- Table and image icons.
- Text alignment: $\underline{U}$ (underline), S (strikethrough), X_2 (subscript), X^2 (superscript), ☰ (left align), ☰ (center align), ☰ (right align).
- Indentation: ☰ (decrease indent), ☰ (increase indent).
- Math and symbols: $\sqrt{\alpha}$ (square root), Ω (omega), ☐ (table), T_x (subscript).
- Undo and redo arrows.

1- complex 1-2-3-4

Con enzymes Q

Depending upon the functional group, write the names of 2 types of monosaccharides



1) Aldoses such as: Ribose and Glucose.

2) Ketoses such as: Ribulose and Fructose.

Write names of two biochemical processes involved in stage 3 of catabolism

Rich text editor toolbar with icons for text formatting (bold, italic, underline, strikethrough, text color, background color), list creation (bulleted, numbered), indentation, link, unlink, table, image, link icon, undo, and redo.

1- citric acid cycle

2- electron transport chain

Enumerate examples for physiological positive homeostatic mechanisms.

A_A

B

I

F_f

$T_{\frac{1}{2}}$

$A_{\blacktriangle}$

∇

U

$\frac{S}{\circ}$

X_2

X^2

$\sqrt{\alpha}$

Ω

T_x

1. Blood clotting.
2. Labor (child birth).
3. Ovulation (estrogen increases LH secretion).



Question 3

Answer saved

Marked out of 1.00



Which of the following is a type of negative feed back mechanism?

Select one:

- ☐ a. Ovulation at mid cycle of the females
- ☒ b. Sweat secretion in case of increased body temperature
- ☐ c. Decreasing arterial blood pressure in cases of hypotension