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<b>امتحان مادة : الأحياء بالإنجليزية</b> <b>للسف الثاني الثانوى</b> <b>الفصل الدراسي الأول ٢٠٢٥</b>	 <b>منصة الاختبارات الالكترونية</b> <b>لأبنائنا فى الخارج ٢٠٢٥</b>

1- Amino acids reach the heart through .....

a	Hepatic portal vein
b	Hepatic vein
c	Inferior vena cava
d	Superior vena cava.

2- The reversible process of the oxidative phosphorylation is .....

a	ATP formed from ADP in grana
b	ADP formed from ATP in grana
c	ATP formed from ADP in the stroma
d	ADP formed from ATP in the stroma

3- A plant cell was placed in a solution and lost water by osmosis. Which of the following represents the concentration within the cell and concentration in solution, respectively?

a	1% - 0.3%
b	0.3% - 1 %
c	3% - 2 %
d	3 % - 3 %

4- Lecithin is used as a fat-emulsifying agent when removing the gall-bladder, as a result of .....

a	stop digesting fats
b	the liver does not secrete bile juice
c	low concentration of bile in the duodenum
d	increased bile concentration in the duodenum

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5- The following structures represents arrangement of blood circulation components.

Left side of the heart → X → Inferior vena cava → Right side of the heart.

Which of the following represents the letter (X) to form correct blood circulation.

a	Right ventricle
b	left ventricle
c	Right atrium
d	kidney

6- Which of the following is formed when malic acid is converted to Oxaloacetic acid?

a	ATP
b	ADP
c	NADH
d	FADH <sub>2</sub>

7- Muscle fatigue after running for a long distance is considered evidence of .....

a	ATP analysis
b	Oxidation of lactic acid
c	Oxidation of NADH
d	Reduction of pyruvic acid

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8- “During the preparation of a cross-section in a stem of a dicotyledonous plant, iodine was added to the sample to increase its clarity”.

What expected tissue that will not have dark blue staining in its cells?

a	Pericycle and cambium
b	Cortex and medulla
c	Medullary rays and pith
d	Cortex and vascular bundle

9- Which of the following elements do plants need to absorb ions against a gradient in concentration?

a	Phosphorus
b	Iron
c	Iodine
d	Sulphur

10- All of the following plants cause exudation when the stem is cut near the surface of the soil except .....

a	Wheat
b	Beans
c	Pine
d	maize

★((( انتهت الأسئلة )))★