

Course No: DMEC1204
Course Title: General Biology
Date: 25/3/2013
No. of Questions: (6)
Time: 1 hours
Using Calculator (No)

University of Palestine



Med term Exam
2nd - 2012/2013
Total Grade:40

Instructor Name: Yusra Al Dadah
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

Question One:

(10 marks)

Chose the appropriate answer from the listed choice of each statement:

1. Bacteria reproduce by a type of cell division is called:
 - a- Budding
 - b- Binary fission
 - c- Sporulation
 - d- Regeneration

2. In the human body, the number of chromosomes:
 - a- 48
 - b- 44
 - c- 46
 - d- 47

3. Nuclear envelope composed of:
 - a- One layer
 - b- Two layers
 - c- Three layers
 - d- Four layers

4. The origin of peroxysomes is:
 - a- Ribosomes
 - b- Mitochondria
 - c- Centrioles
 - d- Smooth endoplasmic reticulum

5.play important role in ribosome's syntheses
 - a- Nucleolus
 - b- Nucleus
 - c- Lysosomes
 - d- Filaments

6. Phagocytotic vesicles are used for:
 - a- Cellular drinking.
 - b- Cellular respiration
 - c- Cellular locomotion
 - d- Cellular eating

7. Krebs cycle occurs in the:
 - a- Cytosol
 - b- Mitochondrial matrix
 - c- Cytoplasm
 - d- The inner membrane of the mitochondria

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8. The movement of substances against cell contraction is called:
- a- Active transport
 - b- Passive transport
 - c- Diffusion
 - d- Osmosis
9. Number of Golgi apparatus in the cell is:
- a- Two
 - b- One
 - c- Three
 - d- Thousands
10. The monomer of proteins is:
- a- Glucose
 - b- Fatty acid
 - c- Nucleotide
 - d- Amino acid

Question Two: (3 marks)

Describe the function of each of cell organelle:

Centriole: _____

Mitochondria: _____

Nuclear pores: _____

Question Three: (5 marks)

Write the scientific term for each of the following sentences:

- 1- _____ the study of living things.
- 2- _____ the material of which all living bodies are built-up.
- 3- _____ cells relatively large and has true nucleus.
- 4- _____ play important role in elongation of cell life.
- 5- _____ means "splitting of sugar".

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Question Four: (6 marks)

Match the description below with the organelle or cell component on the right:

Give the cell shape	1. lysosomes
Contain digestive enzymes	2. Golgi apparatus
Play important role in cell division by making spindle fibres.	3. Chromatin
Maintain the shape of nucleus.	4. Centrioles
Store the genetic information of the individual.	5. Nuclear envelope
Play important role in protein modification	6. microtubules
	7. Ribosome's

Question Five: (6 marks)

A) Define:

The cell:

Cellular respiration:

B) We can divide cellular respiration into three metabolic processes:

1- _____

2- _____

3- _____

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Question Six:

(10 marks)

Put a mark (✓) or (×) in front of the following sentences:

- 1- () The tissues are grouped to form the cell.
- 2- () Binary fission is kind of sexual reproduction.
- 3- () Fungi are examples for prokaryotic cells.
- 4- () Amino acid is the monomer of the nucleic acids.
- 5- () Filaments are responsible for muscular contraction.
- 6- () Embryology deals with the function of body organs.
- 7- () Anabolism is the building up of new living materials.
- 8- () Carbohydrates are commonly known as the tissue –builders.
- 9- () Mobile ribosomes are free in cytoplasm.
- 10-() Chloroplasts are found only in the animal cells.

End of Questions
Good Luck