

II. Choose the best Topic Sentence for the following Paragraphs: (5 x 2) 10 Marks

1. There are no effective boundaries when it comes to pollutants. Studies have shown that toxic insecticides that have been banned in many countries are riding the wind from countries where they remain legal. Compounds such as DDT and toxaphene have been found in remote places like the Yukon and other Arctic regions. What's the best topic sentence for this paragraph?
 - a. Toxic insecticides such as DDT have not been banned throughout the world.
 - b. Even a worldwide ban on toxic insecticides would not stop the spread of DDT pollution.
 - c. DDT and toxaphene are the two most toxic insecticides in the world.
2. If a car suddenly begins to skid on ice, a driver's instinctive reaction might be the wrong one. Choose the sentence that best supports or develops this topic sentence.
 - a. Skids can be a terrifying experience.
 - b. Cars can be very unpredictable on ice.
 - c. Many people instinctively turn the wheel in the wrong direction, making the skid worse.
3. Reality TV shows will have an adverse effect on traditional dramas and comedies. As Reality TV increases in popularity, network executives will begin canceling more traditional programs and replacing them with the latest in Reality TV. What's the best topic sentence for this paragraph?
 - a. more and more people love to watch and participate in Reality TV.
 - b. as Reality TV gets more popular, more traditional television shows may be threatened.
 - c. network executives make hasty and unwise decisions.
4. One New York publisher has estimated that 50,000 to 60,000 people in the United States want an anthology that includes the complete works of William Shakespeare. And what accounts for this renewed interest in Shakespeare? As scholars point out, the psychological insights he portrays in both male and female characters are amazing even today. What's the best topic sentence for this paragraph?
 - a. Shakespeare's characters are more interesting than fictional characters today.
 - b. people today are interested in Shakespeare's work because of the characters.
 - c. academic scholars are putting together an anthology of Shakespeare's work.
5. _____. First of all, we need money to repair old roads and build new roads. We also need more to pay teachers' salaries and to pay for services such as trash collection. Finally, more tax money is needed to give financial help to the poor citizens of the city. It is clear that the city will have serious problems if taxes are not raised soon. What's the best topic sentence for this paragraph?
 - A. We should raise city taxes.
 - B. City taxes are too high.
 - C. City taxes pay for new roads.

III. Read the following Passages then Choose the Correct Answer: (5 x 2) 10 Marks

The largest diamond ever found is the Cullinan Diamond. This diamond weighed 3,106 carats in its uncut state when it was discovered in South Africa on January 25, 1905. The Cullinan Diamond was cut into nine major stones and ninety-six smaller ones. The largest of the cut stones, and still the largest cut diamond in the world, is the pear-shaped Cullinan I at 530 carats. This diamond, which is also known as the Greater Star of Africa, is more than 2 inches (5.4 cm.) long and 1.75 inches (4.4 cm.) wide. It became part of the British crown jewels in 1907.

1. What is the best title for this passage?
 - A. Diamond Cutting
 - B. The World's Biggest Diamond, Uncut and Cut
 - C. Measuring Diamonds in Carats
2. The word "discovered" in line 2 is closest in meaning to.....
 - A. Unnatural
 - B. Pear
 - C. Whole
3. The word "discovered" in line 2 is closest in meaning to.....
 - A. created
 - B. found
 - C. buried
4. All of the following are true about the shape of the Greater Star of Africa EXCEPT that _____.
 - A. It is 5.4 centimeters long
 - B. It is longer than it is wide
 - C. It is 4.4 inches wide
5. According to the passage, what happened to Cullinan?
 - A. It remained in Africa
 - B. It was cut into smaller stones
 - C. It became the property of the British Royal family

Good Luck... Dr Mariana Nagaty



I. **Choose the Correct Answer: 30 x 1 [30 Marks]**

1. While waiting for the paint to dry, Angela went to Home Depot where she bought some accessories. This is _____.
a. Complex Sentence b. Compound Sentence c. Simple Sentence
2. _____ the paintings was an original Picasso. a. among b. between c. in
3. I have too _____ shoes. a. much b. many c. one
4. We discussed the multiple literary _____ within the text. a. illusions b. allusions c. illuse
5. _____ wants ice cream? a. Who b. Whom c. Whose
6. Which sentence is correctly punctuated?
a. Jane, Jack went to the market. b. Jane and Jack went to the market c. Jane and Jack went to the market.
7. Rosa or Alicia _____ responsible. a. am b. is c. are
8. Choose the parallel sentence:
a. He works quickly and in an efficient way.
b. He works quickly and his performance is efficient.
c. He works quickly and efficiently.
9. I am stuck in traffic _____ Alden Rd. and Pennell Dr. a. among b. between c. in
10. The _____ of the war was catastrophic. a. effect b. affect c. affection
11. The books are over _____. a. there b. they're c. their
12. There were _____ customers than anticipated. a. less b. most c. fewer
13. _____ car are we taking? a. Who b. Whom c. Whose
14. "The lake looks beautiful in the moonlight." This sentence is _____.
a. simple b. compound c. complex
15. I _____ each morning at six. a. raise b. rise c. raised
16. I have _____ patience than Ted. a. less b. most c. fewer
17. Which sentence is correctly punctuated?
a. When did Jane leave for the market? b. When Jane left for the market. c. When did Jane leave.
18. He _____ the picture on the wall. a. hanged b. hung c. hand
19. Each of us _____ scheduled to take the test. a. am b. were c. was
20. I like vanilla more _____ chocolate. a. than b. then c. there
21. Are you _____ that I did something wrong? a. apply b. infering c. implying
22. Alex was _____ excited to sleep. a. to b. too c. two
23. He opened the drawer; he found his missing disk. This sentence is _____.
a. simple b. compound c. complex
24. I will _____ the book on the table. a. lie b. lay c. laying
25. _____ dog was in the backyard. a. There b. They're c. Their
26. The gold prices continue to a. raise b. rise c. raising
27. He is _____ young for that ride. a. to b. too c. two
28. _____ going to the amusement park tomorrow. a. Their b. They're c. There
29. Although the professor did not send them the quizzes. This is _____.
a. Complex Sentence b. Simple Sentence c. Dependent Clause
30. Each of the women _____ ready at this time. a. am b. is c. are

C: It Prevents coronary heart disease and decreases total blood cholesterol.

D: All the above except B.

7- In the food pyramid:-

A: Replacing one food group with another is not permitted

B: Replacing one food group with another is permitted

C: Replacing food group by another with increasing meat and vitamin in the food.

D: Not the above.

8- Examples of preservatives antimicrobial preservatives:

A: Sodium benzoate.

B: Benzoic acid.

C: Nitrate.

D: All the above.

9- Functions of dietary fibers in the intestine include:-

A: It regulates peristaltic movements of the intestine.

B: It increases total blood cholesterol.

C: It Prevents coronary heart disease.

D: All the above except B.

10- Edema disease can be induced in the case of a decrease of:-

-A: Plasma fats.

-B: plasma protein

-C: RBCS.

-D: All the above except C.

Q3- Answer five questions only: (15 marks: 3 marks each)

1- Discuss the Functions of dietary fibers in intestine? 6 items

2- What are the biological significance of nutritional carbohydrates? (5 items).

3- Compare between the following according to deficiencies of: Vitamin E, Potassium, iodine and Vitamin C.

4- Identify anemia and What the causes of iron deficiency anemia? 4 items

5- What are the advantages of additives? 6 items.

6- Mention functions of saliva in the body? 5 items.

With my best wishes and great success,

Professor Dr. Mohamed Bassam Al-Salahy Elbradei

20- Gastric diseases may cause deficiency of the intrinsic factor which normally facilitates the absorption of vitamin B12 by the intestine leading to Pernicious anemia. ()

21- The Deficiency in the dietary fats may lead to deficiency A,D,E and K vitamins in the body..... ()

22- Vitamin A participates in epithelial glycoprotein synthesis and this protects the mucosa of urogenital tract, respiratory tract... ect. ()

23- Resistance to ghrelin has been found in obese humans. ()

24- Fats act as a pad for the internal organs to protect them from outside shocks such as liver. ()

25- Lesions of the hypothalamus are associated with excessive eating tendency leading to obesity. ()

Q2- MCQ: Choose the appropriate letters A,B,C or D. (10 Marks: one mark each):-

1- Dietary proteins provide the body with certain amino acids which can not be synthesized in the body, and these amino acids are:-

-A: Both essential and non-essential amino acids.

-B: Essential amino acids.

-C: Non-essential amino acids.

-D: All the above.

2- There are factors affecting basal metabolic rate BMR such as:-

A: Diet - Severe calorie restriction reducing BMR.

B: Increased body temperature will elevate basal metabolic rate.

C: Food type - proteins increase BMR.

D: All the above.

3- Taking excess of certain vitamins in food may increase the probability of clot formation such as:-

-A: Vitamin K

-B: Vitamin C.

-C: Vitamin D

-D: Not the above.

4- Function of Leptin hormone includes:-

A: Control of food consumption.

B: Increasing energy expenditure.

C: Control body weight.

D: All the above except C.

5- Snacks cause obesity due to:-

A: Its higher energy content.

B: Its reduced complex carbohydrates & fiber .

C: Its greater saturated fat.

D: All the above.

6- Functions of dietary fibers in the intestine include:-

A: It can have a satiating effect .

B: It increases total blood cholesterol.



Assiut University
Zoology Department
Second term Final Exam 2024/2025



Faculty of Science
Time: two hours
1/ June 2025

Course title: healthy feeding. (UR:013) University requirement.

Answer these questions:

Q1- Answer by $\sqrt$ or X for these sentences: (25 marks, one mark each)

- 1- All enzymes and some hormones like insulin, adrenaline, thyroxine and parathormone consider as derived proteins.()
- 2- Fats enter in synthesis of some hormones. Ex. sex hormones, adrenocortical hormones (aldosterone and cortisol).()
- 3- Excess of vitamin C leads to the deposition of calcium salts in soft tissues such as kidney and ureter stones.()
- 4- Roughness and dryness of mucous membrane of the urinary tract, genital tract, gastrointestinal tract in response of vitamin E deficiency.()
- 5- New pyramid associates between the food pyramid and the physical activity of the person.()
- 6- Antibrowning agents of non enzymatic browning of some foods is prevented by adding sulphur dioxide which in turn may destroy vitamin B in the foods.()
- 7- The high amount of lipids in the body causes great leptin production.()
- 8- Leptin decreases metabolic rate and decreases appetite in humans.()
- 9- Dietary fibers decrease stool weight and decreasing gut transit time and meat slows down the transit time.()
- 10- Additives can improve taste and flavouring as well as it improve texture.()
- 11- One role of the antimicrobial additives is for more safety of food and prevent the growth of microorganisms.()
- 12- Vitamin C deficiency did not affect wound healing and caused osteoporosis.()
- 13- Soluble fibers, include beans, nuts, flax seed, peas, some vegetables and fruits. (act as a colloidal mixture in intestine).()
- 14- Both vitamins C and K is a powerful antioxidants in the body cells.()
- 15- Many people view overeating and obesity is showed as a response to negative emotions, such as anger, sadness, or boredom.()
- 16- Snacks cause obesity due to reduced complex carbohydrates & fiber and high fruits and vegetables.()
- 17- Excess of vitamin D leads to the deposition of calcium salts in soft tissues such as kidney and ureter stones.()
- 18- Derived lipids include Cholesterol, sex hormones, cortisone, Vit.D.()
- 19- Obesity in adult is more dangerous illness than in children.()

15. Thyroid stimulating hormone is produced by.....gland
 a) Thyroid b) Anterior lobe of pituitary c) Parathyroid d) Posterior lobe of pituitary
16. The circulatory system is opened in
 a) *Ascaris* b) Insects c) *Fasciola* d) Earthworm
17. The nervous system is absent in
 a) *Fasciola* b) *Hydra* c) *Ascaris* d) Sponges
18. The neuron is calledwhen a single process arises from its body.
 a) Bipolar b) Multipolar c) Unicellular d) Unipolar
19. A single centriole is composed of how many microtubules?
 a) 20 b) 27 c) 18+2 d) 9
20. The cells that form the bones are known as.....
 a) Oestocytes b) Choanocytes c) Fibrocytes d) Chondrocytes

Q2-Write the Scientific term (10 mark one for each)

1. A repeated mitotic divisions to form large numbers of small cells (.....)
2. Group of organisms that can interbreed and produce fertile offspring. (.....)
3. In the blastopore becomes the anus during their embryonic development. (.....)
4. What type of epithelial lines the urinary bladder? (.....)
5. A type of neurons that transmits the nerve impulse from the brain to muscles or glands. (.....)
6. A type of connective tissue that supports and protects body organs and stores fat as food storage areas. (.....)
7. Increasing growth hormone in juveniles leading to (.....)
8. A membrane bound vesicle with hydrolyzing and digestive enzymes. (.....)
9. Which hormone plays a role in calcium homeostasis? (.....)
10. A process of movement materials through a cell membrane against their concentration gradients. (.....)

Q3-With labelling drawing illustrate four only

(8 mark 2 for each)

1. Structure of mitochondria
2. Structure of cell membrane
3. Structure of areolar connective tissue
4. Structure of trophozoite of plasmodium
5. Polyp form and medusa form

Q4- Answer the four only following questions

(12 mark 3 for each)

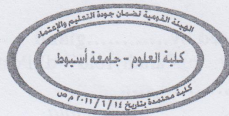
1. Compare the different types of muscles in the following points: action, number of nucleus, striation, and location.
2. List three differences only between eukaryotic and prokaryotic cell in the following points: nucleus, organelles, DNA structure?
3. Write the characters of Phylum chordata.
4. Compare between different types of cartilage.
5. Classify the eggs according to the amount and distribution of yolk.

Good luck

Prof. Dr. Azhar Hussein



Assiut University
Faculty of Science
Zoology Department



Second Semester/ General Zoology Exam
May (2025)



Time: 2 hour
Level: First biotechnology
Course Code: 100Z
Total mark: 50

Answer the following questions

Q1 Choose the correct answer

(20 mark one for each)

1. A small dense structure inside the nucleus which produces ribosomes.
a) RER b) Nuclear membrane c) Golgi complex d) Nucleolus
2. The process of formation of male and female gametes is known as.....
a) Fertilization b) Oogenesis c) Spermatogenesis d) Gametogenesis
3. Which organelles modify, sort and package proteins in the cell?
a) Mitochondria b) Ribosomes c) Golgi complex d) Lysosomes
- 4.....attach bone to bone.
a) Tendons b) Ligaments c) Elastic C.T. d) Dense irregular C.T
5. The entrance of liquid materials across the cell membrane is called.....
a) Phagocytosis b) Pinocytosis c) Exocytosis d) Plasmolysis
- 6-What type of glands secretes its product directly into the blood?
a) Endocrine b) Unicellular c) Exocrine d) Goblet cell
- 7.....are formed mainly of actin proteins.
a) Microtubules b) Intermediate filaments c) Microfilaments d) All
- 8-Which one of the following is highly vascularized?
a) Cartilage b) Simple epithelium c) Stratified epithelium d) Areolar C.T.
9. The.....produces melatonin which affects the biological clock (light/dark time).
a) Pineal gland b) Thyroid gland c) Adrenal d) Parathyroid gland
10. Arthropoda has no.....
a) Segmented body b) Jointed appendage c) Radial symmetry d) Exoskeleton
11. Annelids are...animals.
a) A coelomate b) Pseudocoelomate c) Coelomate d) Diploblastic
12. Which structures are used by *paramecium* for maintaining water balance?
a) Contractile vacuoles b) Pseudopodia c) food vacuoles d) cilia
13. The ribosome is a non membranous organelle that functions in process of.....
a) Protein synthesis b) Pinocytosis c) Cellular respiration d) Phagocytosis
14.hormone increases the level of sugar in the blood.
a) Insulin b) Glycogen c) Glucagon d) Parathyroid

(Q2): Put true (T) or false (F)

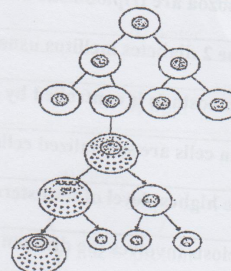
(20 marks, 1 mark for each)

61	Golgi receives newly made proteins and lipids from ER
62	Passive transport is the movement of molecules against their concentration gradient.
63	The enzymes that breakdown waste materials in the cell are present in lysosomes.
64	In the liver, RER are responsible for neutralizing toxins.
65	The cholesterol molecules make the cell membrane less permeable and decrease flexibility.
66	Epithelium rests on a basement membrane which may be clear or non-clear.
67	The neuroglia form the supporting tissue between the neurons of the central nervous system.
68	White adipose tissue contains primarily many small lipid droplets.
69	Bone is a firm, rigid, flexible and dense type of connective tissue poor in blood supply.
70	The cell membrane of muscle fibers is known as sarcolemma.
71	The direction of blood flow in the dorsal blood vessel in vertebrates is forward.
72	Insects are hexapods.
73	In Arthropoda the nerve cord is solid and dorsal.
74	Nematocytes present in Nematoda.
75	Mesozoa are triploblastic animals.
76	Type 2 diabetes mellitus usually develops after age 40.
77	Homeostasis is controlled by circulatory system and endocrine system.
78	Beta cells are specialized cells present in pancreas and responsible of secreting insulin.
79	The highest level of testosterone is at 20 years old.
80	Meiosis involves the division of both somatic and sex cells.

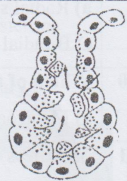
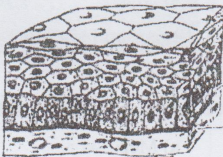
With Our best wishes

Drs./ Gamal El-Sokkary, Safaa Megally, Hanan Waly & Alshaimaa Alghriany

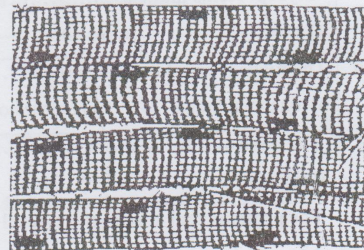
49	Increasing secretion of growth hormone over normal range before puberty leading to.....	a) Goiter	b) Tetany	c) Gigantism	d) Acromegaly
50	Which of the following about Progesterone is CORRECT ?	a) Decreases uterine contraction during pregnancy	b) Has protein anabolic action	c) Increases red blood cells	d) development of female secondary characteristics
51	Which one of the following hormones are released in stressful situations?	a) Glucagon	b) Adrenaline	c) Aldosterone	d) Thyroxine
52	plays a critical role with parathormone (PTH) in calcium hemostasis.	a) Thyroxine	b) Calcitonin	c) ADH	d) Adrenaline
53	It has been stimulated by nerves in eyes.	a) Adrenaline	b) Thyroxine	c) Cortisol	d) Melatonin
54	is the most common male sex hormone.	a) Estrogen	b) FSH	c) Progesterone	d) Testosterone
55	Prolactin secreted from..... which stimulates milk production.	a) Anterior pituitary	b) Posterior pituitary	c) Mammary gland	d) Ovary
56	The opposite figure refers to a disorder result from	a) Hypofunction of pituitary	b) Hypothyroidism in children	c) Hypothyroidism in adults.	d) Hyperthyroidism
57	 is repeated mitotic divisions occurs during embryonic development.	a) Blastula	b) Gastrulation	c) Cleavage	d) Organogenesis
58	The present figure refers to the process of	a) Spermatogenesis	b) Spermiogenesis	c) Oogenesis	d) Gastrulation
59	Birds' eggs belong to.....type.	a) Isolecithal	b) Centrolecithal	c) Telolecithal	d) None of them
60	 is the final stage in spermatogenesis.	a) Maturation phase	b) Growth phase	c) Spermiogenesis	d) Multiplication phase



36	Which of the following is not characteristic of Phylum Arthropoda a) Metameric segmentation b) Joined appendages c) Chitinous exoskeleton d) Parapodia
37	Which organism has nephridia for excretion a) Platyhelminthes b) Nematoda c) Annelida d) Porifera
38	Name the phylum which has nerve net a) Platyhelminthes b) Nematoda c) Cnidaria d) Annelida
39	When a plane of section passing through the central axis of body, divides the organism into identical halves, it is called a) Radial symmetry b) Bilateral symmetry c) Biradial symmetry d) Spherical symmetry
40	Which of the following is <u>Not</u> classified under Kingdom Animalia a) Metazoa b) Protozoa c) Parazoa d) Eumetazoa
41	Members of phylum Annelida are a) Deuterostomes b) Protostomes c) Animals in which blastopore becomes mouth d) Both b and c
42	In earthworms the circulatory system is a) Open b) Closed c) Absent d) Ladder-form
43	In animal kingdom triploblastic animals are for the first time seen in a) Annelida b) Platyhelminthes c) Mollusca d) Nematoda
44	Phylum Porifera belongs to a) Meozoa b) Eumetazoa c) Parazoa d) Metazoa
45	Amphioxus belongs to sub phylum a) Vertebrata b) Urochordata c) Cephalochordata d) Hemichordata
46	Twins with higher risk of complications during pregnancy are a) Dichorionic twins b) Fraternal twins c) Monoamniotic twins (MoMo) d) Monochorionic twins
47	Sperm get its energy from mitochondrion that present at the a) Nucleus b) Acrosome c) Middle piece d) Tail
48	Which of the following about anterior pituitary gland is CORRECT? a) It releases the antidiuretic hormone (ADH). b) It releases aldosterone hormone. c) It releases oxytocin hormone. d) None of them.

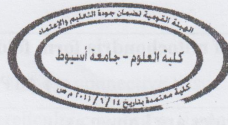
26	This figure refers to.....	a) areolar connective tissue c) fibrous connective tissue b) adipose connective tissue d) reticular connective tissue	
27	This figure refers to.....	a) osteoclast cell c) osteoblast b) osteocyte d) osteogenic cell	
28	This figure refers to..... gland	a) merocrine c) holocrine b) apocrine d) endocrine	
29	This figure refers to..... neuron	a) unipolar c) bipolar b) multipolar d) pseudo- unipolar	
30	This figure refers to.....	a) stratified squamous epithelium c) pseudostratified ciliated columnar epithelium b) transitional epithelium d) skeletal muscle	
31	One of the following belongs to ciliated protista	a) Euglena b) Trypanosoma c) Amoeba d) Paramecium	
32	Apicomplexa are	a) Free living b) Endoparasites c) Ectoparasites d) Decomposers	
33	Flame cells are the excretory structure for	a) Annelida b) Cnidaria c) Platyhelminthes d) Nematoda	
34	Identify the characteristics of pseudocoelomates	a) Absence of coelome c) Coelom that is incompletely lined with a mesoderm b) Absence of mesoderm d) Body without a cavity	
35	Flagellated cells, which line the sponge body are known as.....	a) Ostia b) Mesenchymal cells c) Choanocytes d) Pinacocytes	

13	The membrane of mitochondria form folds which are called cristae: a) inner b) outer c) ATP d) intermediate
14	The tails of phospholipid molecules are known as: a) hydrophilic b) lipophilic c) hydrophobic d) lipophobic
15	The cell coat is formed of both glycolipids and a) protein b) cholesterol c) phospholipid bilayer d) glycoproteins
16	 muscles contract spontaneously. a) Skeletal b) Cardiac c) Voluntary d) Smooth
17	 are not present in axon and not present near the nuclear or cell membranes. a) Cytoplasm b) mitochondria c) myelin sheath d) Nissl granules
18	In..... epithelium, the superficial cells may change temporarily into squamous cells. a) transitional b) cuboidal c) stratified columnar d) simple
19	The is the conical expansion of the axon at its origin from the nerve cell. a) axon hillock b) Nissl granule c) dendrite d) neuroglia
20	 cells produce histamine and heparin. a) Plasma b) lymph c) Fat d) Mast
21	 are present on the outer surfaces of the acini of sweat, salivary and mammary glands. a) Myoepithelial cells b) basket cells c) Taste buds d) both a and b
22	 is the covering layer of bone from outside. a) Perichondrium b) Endosteum c) Periosteum d) Sarcolemma
23	According to the kind of their secretion, glands classified into: a) endocrine, exocrine and mixed b) simple, branched and compound c) serous, mucous and waxy. d) apocrine, merocrine and holocrine
24	 tissue covers the surface or lines a cavity or forms a gland. a) Epithelial b) Connective c) Muscular d) Nervous
25	This figure refers to..... a) smooth muscle b) cardiac muscle c) skeletal muscle d) fibrous connective tissue





Assiut University
Faculty of Science
Zoology Department



Final exam General Zoology
27/5/2025
(6) pages



Time: 2 hours
Level: First
Course Code: 100Z
Marks: 50

(Q1): Choose the best single correct answer (30 marks, half mark for each)

1	The intermediate filaments are made of protein. a) actin b) tubulin c) collagen d) Fibrin
2	The genetic material has chromosomes in a) prokaryotic cells b) eukaryotic cells c) mitochondria d) Golgi apparatus
3	The centrioles themselves before cell division a) duplicate b) triplicate c) divide d) migrate
4	Chain of sugar attached to some proteins and lipid at a) inside of the cell b) between lipid bilayer c) cytoplasm d) outside of the cell
5	The non-membranous organelles participate in cellular metabolism a) indirectly b) directly c) internally d) all of them
6	The mix of proteins and lipids form a) the cytoplasm b) the nucleus c) the cell membrane d) the endoplasmic reticulum
7	In massive transport, are enter or exit from the cells. a) oxygen b) larger materials c) ions d) water
8	The flexibility of cell membranes is due to the presence of a) protein b) lipoprotein c) cholesterol d) lipid
9	Glycoproteins make as on the cell membrane a) pores b) receptors c) skeleton d) fibers
10	The nuclear envelope is formed of a) one membrane b) nuclear body c) two membranes d) nucleoprotein
11	The nucleolus is the site of formation. a) ribosomes b) DNA c) RNA d) protein
12	The proteins that stay in the cytosol are made by: a) bound ribosomes b) free ribosomes c) RER d) SER