

بسم الله الرحمن الرحيم.

قد لا تكون الإجابات هنا صحيحة ف يرجى مراجعتها.

Quiz 1 chapter 1 & 2

- تعريف Quaternary structure
- صفات الدهون المشبعة
- المركبات العضوية تتكون من كربون + هيدروجين = هيدروكربونات
- تعريف علم التصنيف taxonomy
- الصيغة العامة للمونوسكرايز $(CH_2O)_n$
- Amino acid structure
- الانسان تحت اي مملكة = eukaryotic
- Additional water ---- hydrolysis
- Species in area ----- populations
- Prokaryotic differ from eukaryotic----- have true organelle
- Organ contain of ---- tissues
- The building block of protein --- amino
- Sacarouse made from ---- fructose + glucose
- Polyunsaturated is --- several bonded
- Chemical atom together--- molecular
- Starch is ----- stored for planet
- Life divide to --- 3 domain
- Protests are --- eukaryote
- Biosphere contain of ---- ecosystems
- Triglycerides have one bond or more ----- unsaturated
- Saturated fatty acid are --- have no double bond
- water loving --- hydrophilic + hating water --- hydrophobic
- Fructose & galactose & glucose ---- monosccrides
- Which of the following group is a component of amino acid
 - **Amine group + carboxyl group** ✓
 - Hydroxyl + carbonyl
- Which of the following Not a component of carbohydrates
 - Hydrogen
 - Carbon
 - Oxygen
 - **Hilum** ✓
- Animals and plants belongs to domain
 - Archaea
 - **Eukarya ***
 - bacteria

all of the above

- There is types of cells
 - four
 - two ***
 - five
 - one

- Polymers are large molecules consist of small subunits called
 - monomers ***
 - cells
 - chitin
 - atoms

- Is process which forms polymer by the removal of water
 - lipids
 - dehydration ***
 - hydration
 - nucleic acids

- The main component of plant cell walls
 - carbon ***
 - silicon
 - nitrogen
 - phosphate

- Tissue made of groups of similar
 - Cell ***
 - Organic
 - Molecules
 - Ecosystem

- Mushrooms example for
 - Eukarya unicellular
 - Eukarya multicultural**
 - Prokaryotes Archaea
 - Prokaryotic bacteria

- Ecosystem dynamics flow energy and Cycling of nutrients
- cholesterol example A steroid
- the lowest level of organization that can perform all activities required for life??! CELL

- eukaryotes composed of:
 - A- bacteria and archaea
 - B-single-celled and mostly multicellular organisms**
 - C-multicellular organisms only

D-single- celled organisms only

- *Population is composed of*
 - Biosphere
 - Eco system
 - Organisms**
 - Communities

- وجاء انوال dipeptide تتشابه مع disaccharide بـ من ضمن الخيارات ... :**Monomers bonded by dehydration**
- **اكثر سؤال تكرر ع الكل..**
- > Dehydration تكوين البوليمر
- > hydrolysis ... تكوين المونومير > تكسير البوليمر

Long chain of similar molecules !? polymers •

- which of the following is absent in bacteria
 - Chloroplasts
 - Mitochondria
 - Nucleus

All of the above ✓

- Which carbohydrate is stores in plants
 - Starch** ✓
 - Cellulous
 - Glycogen
 - Chitin

A polyunsaturated fat has: •

Fatty acid with several double bond ✓

- Fatty acid with no double bound
- Fatty acid with single double bond
- Glycerol with no double bond

- Which of following is Not characteristics of organisms
 - Move orgasms - breath orgasms - eat through mouth - **all answers are true** ✓

- Zainab Jeddo zz: Two or more polypeptide joined together to form.....?
 - Primary structure
 - Secondary
 - Territory
 - *Quaternary***

- Protista are from.....?
Domain bacteria
Domain eukaryote
Kingdom fungi
Domain archaea

- Mushrooms are from...?
Kingdom protest
Domain bacteria
kingdom fungi

- : Zainab Jeddo zzz: Glucose is the building blocks of.....?
Maltose
Sucrose
All disaccharides
Lactose

- \ DNA composed of nucleotide\ Building block of DNA? nucleotide

- Amoeba is – eukaryotic unicellular

- protest mainly----- single- cell

- ايسط مركب عضوي الميثان CH4

- Triglycerides have one bond or more (un saturated)
Fatty acid have double bound (un saturated)

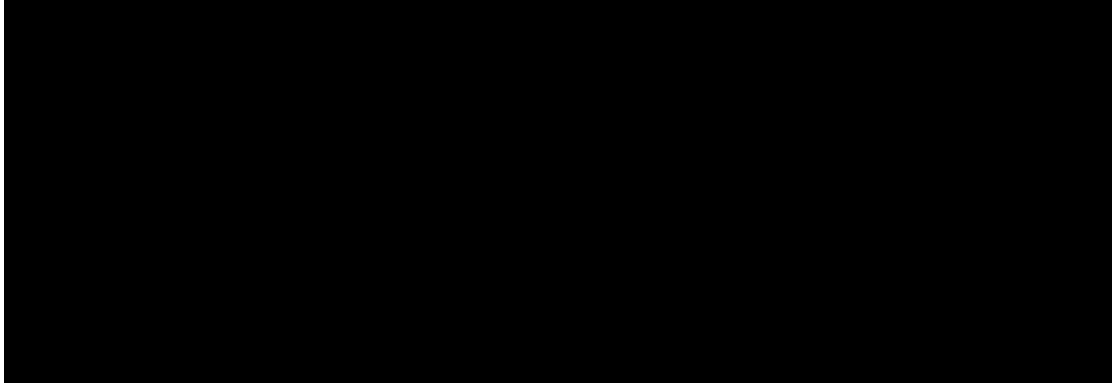
- اي من التالي من خصائص المخلوقات الحيه :
Response to environment
Developed and grow
All

- تعريف molecule
- تعريف biosphere
- تعريف community
- تعريف Isomer

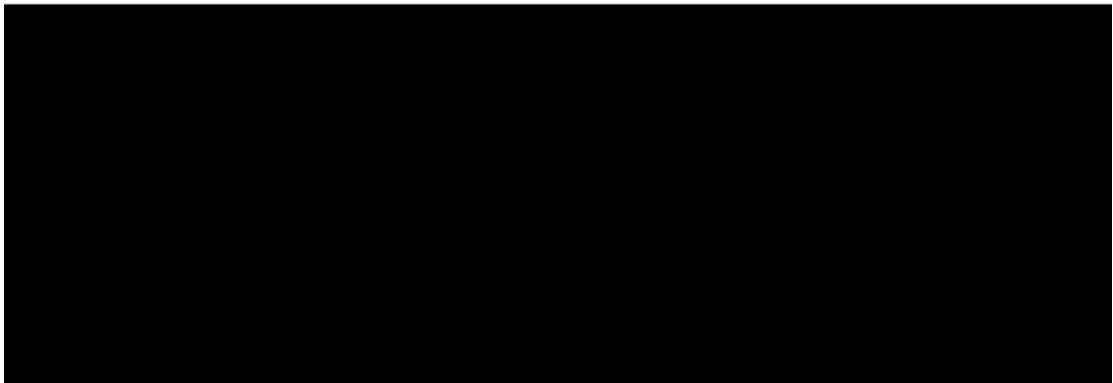
- Glucose build unit of All disaccharides

- حماية الهيكل الخارجي للحشرات (الكيتين)
- الفرق بين DNA , RNA ؟ انو DNA , RNA ?
- مصدر الطاقة للخلية الدهون والكربوهيدرات.
- protests are the diverse collection of mostly.....organisms.
- **a. single-celled**
- b. bacteria
- c. multicellular
- d. fungus

أسئلة من Home Work جات نفسها او قريب منها في الاختبار.



- 12. Polyccharides are organic compounds made up of.....**
- A) One monosaccharide unit
 - B) Two monosaccharide units
 - C) More than two monosaccharide units
 - D) None of the above
- 13. Simple monosaccharides which forms the complex sugars are called.....**
- A) Monomers
 - B) Macromolecules
 - C) Polymers
 - D) Genes



20. **Green algae are considered in an ecosystem?**

- A) Consumers
- B) Decomposers
- C) Producers
- D) Bacteria

43. Starch & glycogen are used by plants & animals

- a) as energy store
- b) for protection
- c) as a cell wall
- d) as a genetic materials

44. The table sugar is formed by combining

- a) two glucose molecules
- b) glucose and fructose
- c) glucose and galactose
- d) fructose and galactose

1. The essential protective carbohydrate in plant cells is _____

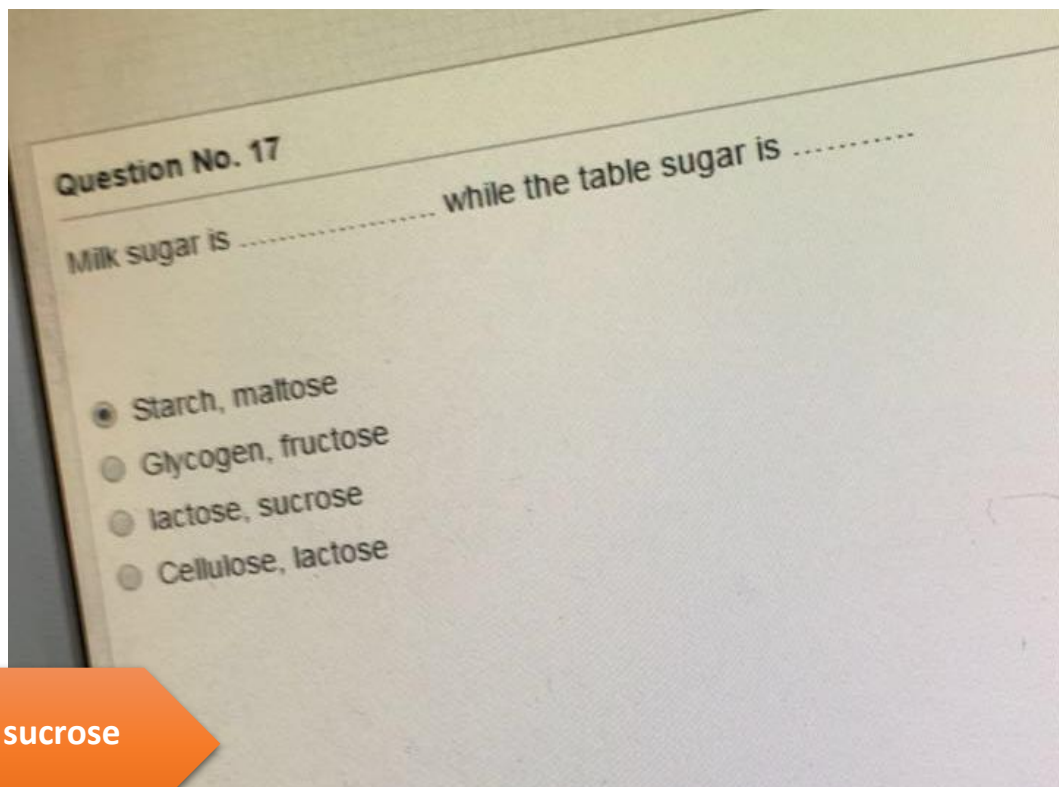
- A. Starch
- B. Cellulose
- C. Maltose
- D. Glycogen

2. Milk sugar is called :

- A. Sucrose
- B. Maltose
- C. Lactose
- D. Glucose

5. Functional groups are groups of atoms that
- a. Participate in chemical reactions only
 - b. Determine the properties of the organic compound only
 - c. Participate in chemical reactions and determine the properties of organic compounds
 - d. None of the above.
6. Glucose belongs to
- a. Polysaccharides
 - b. Amino acids
 - c. Monosaccharides
 - d. Disaccharides
7. The disaccharide sucrose is made from combining both
- a. Glucose and galactose
 - b. 2 glucose sugars
 - c. Glucose and fructose
 - d. None

6. The two major processes in ecosystem dynamics are
- Matter and energy
 - Reproduction and adaptation
 - Water and nutrients
 - None
7. Life is divided into
- 2 domains
 - 3 Domains
 - 4 Domains
 - 5 Domains

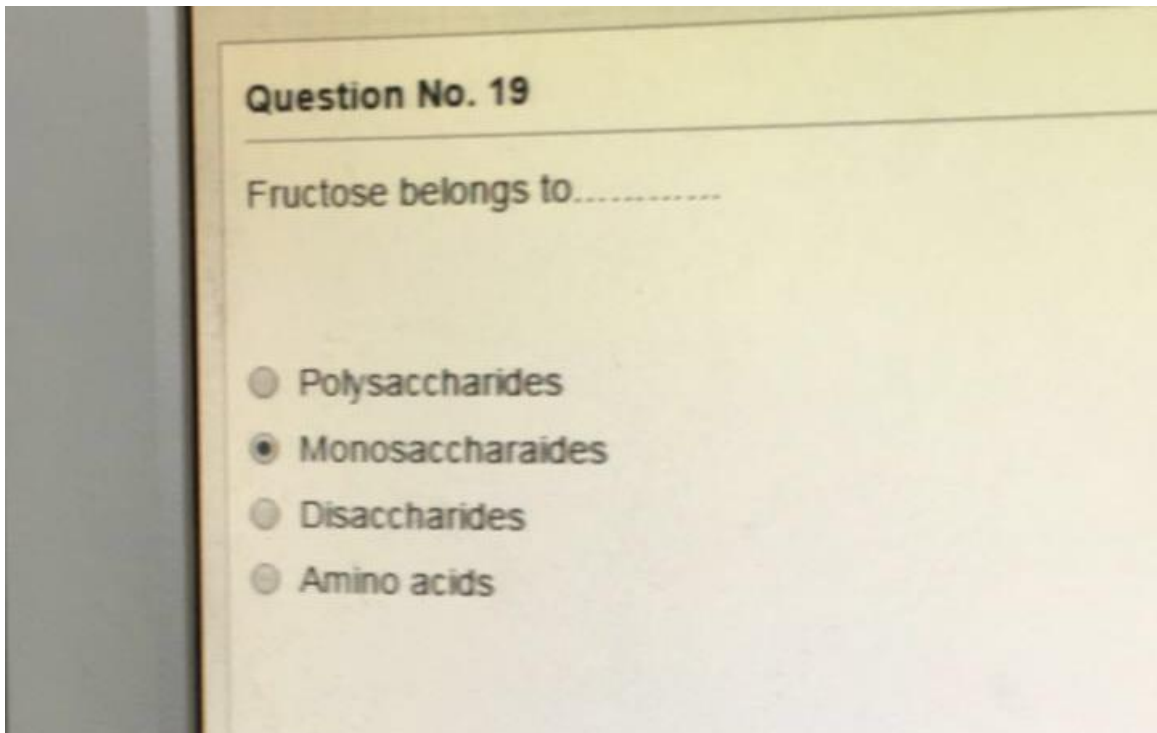


14. Taxonomy is the science which
 - a. Study organisms at the cell level
 - b. Group and classify organisms
 - c. Study the ecosystems
 - d. none
15. Fungi are belong to
 - a. Domain Bacteria
 - b. Domain Archaea
 - c. Domain Eukarya
 - d. None

11. Each amino acid contains
 - a. Amino group, phosphate and R group
 - b. Fatty acid, glycerol
 - c. Amino group and phosphate group
 - d. None
12. Two amino acids monomers attached together form
 - a. Dipeptides
 - b. Polypeptide
 - c. Disaccharides
 - d. Polysaccharide

31. Which one of the following is the correct order of decreasing levels of biological organization?
- a) tissues, organ systems, cells, organs, organism
 - b) Organism, organ systems, organs, tissues, cells.
 - c) cells, organ systems, tissues, organs, organism
 - d) Organism, organ, organ systems, cells, tissues.

37. The dynamics of ecosystems include two major processes –recycling of nutrients and.....
- a) order
 - b) flow of energy
 - c) regulation
 - d) reproduction
38. The building blocks of the DNA are:
- a) chromosomes
 - b) nucleotides
 - c) chromatin
 - d) genome
39. plants and animals are both:
- a) eukaryotic
 - b) unicellular
 - c) prokaryotic
 - d) none of the above



لا تنسوني من دعواتكم : زينب جدو