# تجـميعات احيـاء الكويز الاول 

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Sises

OES

Question No. 10
Cell

Cells have nut have true Nucleus without DNA
cells do not haveus without ana a cell membrane

## MKCL OES

Total questions in exam: 25 | Answered of

## Question No. 8

Which class of biological polymer has the greatest functional variety?
polysaccharides
DNA
proteins
RNA

Total questions in exam: 25 | Answered: 9

## Question No. 7

Photosynthetic organisms are called.

All answers are correct
Consumers

- Decomposers
- Producers

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## 11 of 66

## Question No. 6

Dynamics of an ecosystem include 2 major processes: flow of energy and.

- Energy processing

O Interaction with Environment

- Photosynthesis

Cycling of nutrients


## 18 of 66

## Question No. 9

The entire array of organisms in an ecosystem is called
population
organ system
community

- Biosphere


## 23 of 66

## MKCL OES

## Question No. 10

The $\qquad$ is the building block of matter.

- molecule
element
atom
compound


30 of 66

Question No. 7

- single-celled

Multi-cellularBacteriaFungus


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## Question No. 14

The primary atom in all organic compounds isNitrogenOxygen
Phosphate

- Carbon


Question No. 8

In the following taxonomic categories which is the highest in hierarchy?

- Domain

Genus

- Family

Kingdom


Question No. 15

In which form glucose is stored in animals?CelluloseGlycogenStarchChitin


Question No. 23
A polyunsaturated fat has

Fatty acid with several double bonds

- Fatty acid with single double bond

Glycerol with no double bond
Fatty acid with no double bonds


## Question No. 8

Taits in the membrane phospholipid's bitayer are:

Hydrolysis
Hydrophobie
Hydrophilic
Hydroceellalar


## Question No. 23

RNA is translated into protein by using

- amino acid language
- nucleotide language
- Monosaccharide languageFatty acid language



## Question No. 5

## Plant cell wall is mainly consists of.

## Nuclic acid

Collagen
Cellulose
Starch


Question No. 18

## DNA IS

- Composed of 2 polynucleotide chains

Composed of 4 polynucleotide chains

- Composed of 6 polynucleotide chains

Composed of 8 polynucleotide chains


[^0]

## Organs

Organ systems
Muscles


## MKCL OES

## Question No. 6

In the body, tats give about $\qquad$ times the energy as carbohydrates

## Question No. 18

The rucleotide backbone consists of

## Nitrogen base and sugar

Phosphate and nitrogen base
Sugar and phosphate
Fatty acid and glycerin


## Question No. 12

A Is a blologist who names, describes, and classifies organisms

- Ecologist
- Taxonomist
- Physician
- Physiologist



## Question No. 15

Fructose belongs to

- Monosaccharaldes
- Amino acids
- Polysaccharides
- Disaccharides



## Question No. 4

Energy exits from the Ecosystems asKinetic energyChemical energyLight energyHeat energy



Question No. 4
Which of the following is a producer in an ecosystem?

* Green Plants
- Animats
- Fungi

Ouman

## Question No. 23

A polyunsaturated fat has

O Fatty acid with several double bonds
Fatty acid with single double bondGlycerol with no double bond
Fatty acid with no double bonds


## Question No.

Whach of the following are the producers in an ecosystern?

O Armats ana Fungi
O Facterla and Agae
(-) Flants and animats

- Plants and Algae


## Question No. 4

## Taxonomy is the science which

Study the ecosystems
Group and classify organisms
Study organisms at the cell level
No answer is correct

B

## Question No. 21

## polymers

## Snapes

Skeletons
isomers




## estion No. 20

What way is the production of a dipeptide similar to the production of a disaccharide?

Polymers are joined together by a dehydration reaction
Monomers are joined by esterification reaction
Monomers are joined by a dehydration reaction
Monomers are joined by hydrolysis reaction


B


## Question No. 22

## Each nucleotide unit is made of?

Pentose sugar -phosphate - fatty acid
. Pentose sugar - nitrogen base - fatty acid
Pentose sugar - phosphate - nitrogen base
Amino acid -phosphate- nitrogen base

The compounds that contains only carbons and hydrogen are called

- Hydrocarbons
- Fatty acids
- No answer is correct
- Amino acids



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## Question No.?

Fostues ame made up of
(1). Cells

- Organ :ystem
(1) Organs
(1) Organisms


## Similar cell

Bio_Quiz1_sem

Question No. 17
The primary atom in all organic compounds is
$\qquad$NitrogenOxygenCarbonPhosphate

Question No. 10
pathelles are abnent in pacterka?

- Nockeus
a chloroptasts
O. Mitochondra
ef Al answers are correct

Question No. 20
proteins are made of small subunits called

## - Fatty acid <br> Q. Trighcerides <br> Q. Amino acids <br> - Nucleotides

MxNt © 85

Question No. 24
Molecules when the same formuta but different structurai arrangements are called:SkeletonsShapesisomersFolymers

## Question No. 17

cholesterol is an example or

True fats
Phosphollipids
Proteins
Sterolds


Anctome

Guestom No. 25
The functionait arewes are groups of atoms that

Nasticrpatio in chernicat reactrons onN
(1) Participate in chemkal reactions but not determine the propert thes of organte compounds

Defecmine the gropertien of the deganic cormpound onty
Partsipate in chemical revactions and debermane the properties of organic compounds


Question No. 12
Wrich of the following is a decomposer in an ecosystern?AgaeAnimalsPlantsBacteria

Mx: ofs

Question No. 3
When one of the following is a bask unit of life.
$\qquad$Molecules

- Cells
© organellesTrswues


MKCI OES

Question No. 5
Dynamics or an ecosystem include 2 major processes: flow of energy and
at

Interaction with EnvironmentEnergy processingPhotosynthesisCycling of nutrients

## Question No. 7

Which of the following is NOT A BASIC characteristic of all living organisms?Living organisms contain a nucleus and organellesLiving organisms respond to environmentLiving organisms grow and developLiving organisms reproduce

## Question No. 9

protusts are belonging to.

- Domain Eukarya
- Domain Archaea
- Domain Bacteria
- Kingdom Animalia


## MEAL OS

Question No. 10

Which sequence CORRECTLY increases complexity in the levels of biological organizationAtoms, Molecules, Cells, Organs, Tissues
Atoms, Molecules, Tissues, Organs, CellsMolecules, Atoms, Cells, Organs, TissuesAtoms, Molecules, Cells, Tissues, Organs

## Question No. 14

Atconots are characterized by its ............. runctional groupHydroxyl
Phosphate
Methyl
Carboxyl

Question No. 15
Fructose belongs to.

Monosaccharaides
Q
Amino acids
-
PolysaccharidesDisaccharides

Question No. 13
Water-hating molecules are called.

- Hydrophilic
- Hydrocarbons
- Hydrophobic
- Hydrolysis
ave 8 Next Ging Sine


## Question No. 11

All of changes that occur from birth, in childhood and adulthood are called

ReproductionOrganizationAdaptationDevelopment

## Question No. 9

To which domain or life does humans belongBacterla
D Archaea

- EukaryaMultiple domains


## Question No. 4

Taxonomy is the science which

- Study the ecosystems
- Group and classify organisms
study organisms at the cell level
No answer is correct


## Question No. 7

Which of the following is the characteristic of all living things?

Living things respond to the enviranmentLiving things grow and developLiving things reproduceAll answers are correct

## Question No. 3

small chemical units (atoms) combined together by chemical bonds is called

- Organ
© Cell
(1) Tissue
(*) Molecule



## Question No. 4

Which of the following is a producer in an ecosystem?
(b) Green PlantsAnimalsFungiHuman

## auention No. 2

the cousy dients on the phanet togeiner ann cathed the
(1) Armosphere
ath thatrosphers
Bxosphiere
c) t ahoophere

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Question No. 13
The protecting carbohydrate in insects isChitinCelluloseSucrose

- Glycogen

Question No. 7
Protests are a diverse collection of mostly

- Single-celled
© Fungus
(1). Multi-cellular
- Bacteria

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Question No. 11
Which of the following includes living and non-living components?PopulationIndividual
Species

- Ecosystem

Question No. 13

In which form carbohydrates are stored in plants?CelluloseStarchGlycogenChitin


Question No. 21
(CH4) is considered to be the simplest organic molecule

- MethaneButane
(5) Ethane

Benzene

## Question No. 18

Compounds composed of only carbon and hydrogen are called
(1) Carbohydrates

- Hydrocarbons
(1) Fatty acids
- Nucleic acids
clowe Buswath Wetme

Question No. 22

Hemoglobin is a complex protein that has aSecondary structurePrimary structureTertiary structure

- Quaternary structure

Question No. 12
Amoeba is an example of
© Unicellular eukaryotes

- Unicellular prokaryotesMulti-cellular eukaryotesMutti-cellular prokaryotes


Question No. 15
reaction is the addition of water molecule to break polymer molecules
(3) Dehydration

- HydrolysisSaturationDenaturation



## Question No. 24

Which of the followings are main energy sources for a cell?

- Carbohydrates and minerals

0 Fats and vitamins

- Fats and carbohydrates
() Minerals and vitamins

Question No. 23
The primary structure of the protein results from.An interaction between the $R$ groups of various amino acidsThe folding and coiling of the polypeptideA unique amino acid sequenceAll answers are correct

## Question No. 4

Energy exits from the Ecosystems asKinetic energy

- Chemical energy
- Light energy
- Heat energy


Question No. 12
Prokaryotic cells are
0. Cells have Nucleus without DNA

0
Cells have true Nucleus containing and DNA
2
Cells do not have a cefl membrane
Cells do not have true Nucleus


## Question No. 12

Single celed ampebas and bacteria are grouped into different Domains because

- Bicteria are prokanotic organisms
- Ambehas not cels
- Bacteria are not cels

Q Both are uniceldar organisms





Dynamics of an ecosystem include 2 major processes: flow of energy and

Energy processingInteraction with EnvironmentPhotosynthesis
Cycling of nutrients



## Question No. 7

The cells characteristics are:Able to divide
All answers are correct
Enclosed by a membrane

- have DNA


[^1]
## question No. 8

An organ system is made up of several....

Populations
Ecosystem
Organs
Tissues

## Question No. 24

then the temperature around you become very warm and you sweat int is examote
then the temperature around you become very warm and you sweat, this is example
response to environment
order
reproduction
regulation

${ }^{4}{ }^{4} C_{C} O_{S s}$

Question No. 22 The told ers are correct 4 mileraing

## Question NL 10

The nuclear membrane is absent in:

Plants
Archae
Animals
Fungi

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## MKCL OES

## Question No. 17

Fructose belongs to

Monosaccharaides

- Disaccharides

Polysaccharides
Amino acids

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4
$$



[^2]
## MKCL OES

## Question No. 11

Both eukaryotic and prokaryotic cells haveTrue organellesAll answers are correctTrue nucleusDNA


Nhich order shows a decreasing biological level of organization

Cells, Organelles, Molecules, Atoms
Organs, Tissues, Cells, Organ systems
Tissues, Organ systems, Cells, Organs
Organ systems, Organism, Organs, Tissues

## Question No. 13

Sucrose is made from.

Glucose and fructose
Two galactose sugars
Glucose and galactose Two glucose sugars

## MKCL OES

## Question No. 9

Human cells areEukaryotic cellsBacterial cellsProkaryotic cellsPlant cells


## Question No. 11

Single-celled amoebas and bacteria are grouped into dirferent Domains because

Amoebas not cells

- Bacteria are not cells

Bacteria are prokaryotic organisms

- Both are unicellular organisms



## OES

## Question No. 7

The cells characteristics are:Able to divide

- All answers are correct
- Enclosed by a membrane
- have DNA



## Question No. 25

All of the following contain amino acids except

0 Antibodies
0 Enzymes

- Cholesterol
* Hemoglabin


## MKCL OES

## Question No. 10

Which sequence CORRECTLY increases complexity in the levels of biolog

Atoms, Molecules, Cells, Organs, Tissues
Atoms, Motecules, Tissues, Organs, Cells
Molecules, Atoms, Cells, Organs, Tissues
Aloms, Molecules, Cells, Tissues, Organs


## MKCL OES

## Question No. 10

The $\qquad$ is the building block of matter.

- molecule

O element
atom
compound


السؤال الثاني
A membe-bound structure that do specific function:
Organ
Organ systems
Molecules
Oragnlle
p 12:06


Total questions in exam: $\mathbf{2 5}$ | Answered $\mathbf{4}$

## Question No. 3

Changes that happens to a living organism during ts live are called

Energy processingOrganizationDevelopmentReproduction


## Question No. 15

The plasma Membranes are composed mainly/largely of

## Steroids

CarbohydratesPhospholipidsTriglyceridesTotal questions in exam: 25 | Answered: is

Question No. 8
Which class of biological polymer has the greatest functional variety?polysaccharidesDNAproteinsRNA

ouston No. 7 .
DNA in liver, brain and muscle cells in a person's body .....

- is totally different
a is different in some organs
Jis exactly similar
is similar in some organs


Question No. 4
Two of the three domains of life contain what sort of organism?Eukaryotesprokaryotesanimalsplant


MKCL OES

Total questions in exam: $\mathbf{2 5}$ | Answered: 13

Question No. 10

Which type of lipid has a skeleton of four fused carbon rings?MaltoseCholesterolPhospholipidTriglyceride

- Cholesterol
- Hemoglobin
- Antibodies
- Enzymes


## Question No. 5

All of the following contain amino acids except
) 14 800.

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Total questions in exam: $\mathbf{2 5}$ | Answered: 13

Question No. 13
is the process in which water is removed when two monomers join to form a polyme

0 Diffusion
0 Hydrolysis
(0) Dehydration

- Osmosis



## MKCL OES <br> pove bovionsinust

## Total questions in exam: 2

## Question No. 2

Maltose is composed of which two sugars
no answer is correct
glucose + glucose
glucose + galactose
glucose + fructose


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Total questions in exam: 25 | Answered: 5

Question No. 3
Which of the following is true of cellulose?
it is a protective polysaccharide for energy in animal ceilsIt is a polymer composed of glucose
It is digestible by bacteria in the human stomachIt is a storage polysaccharide for energy in plant cells


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Guatran No. 3
Cholesterol

- is made of fatty acids
- contributes to energy storage
- is not soluble in water
is a compound that contain genetic information

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tal questions in exam: 25 | Answered: 17
```

Question No. 10

## To which domain of life does humans belong

Archaea<br>Bacteria<br>Eukarya<br>Multiple domains

## MKCL OES

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Total questions in exam. 25 | Answered a

Question No. 7
Which of the following are the unis of minerilance

Monosaccharides

- Genes
- RNAAmino acids


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## Question Ne. 1

Theropatim a deotplex protem that has a

## (4) Amiay structure

-a secomidany atruifure.

- fritiary structure

Quatemary jtucture

Total questions in exam: 25 | Answered: 11

Question No. 11
What type of lipids are the female sex hormone (estradiol)?

- Glycerol
- Bteroids

Q Fatty acids

- Phosphelpias



## Total questions in exam: $\mathbf{2 5}$ | Answered: 12

Question No. 12
Which of the following types of cells use DNA as their genetic material but DO NOT have a nuclear membrane?

- Plant
- Protists
- Archaea
- Fungi

0


Totalquestions in exam: 25 | Answered: 2

Question No. 1

A saturated fatty acid contains more ........ btoms than the same unsaturated fatty acid

O Hydrogen

- Carbon
- Oxygen
- Phosphorous


Whiki order anows a decreasing biological levet of organization

Organs, Tissues, Cells, Organ systerms
O Twsues, Organ systems, Oels, Organs

- Celis, Organeiles, Molecules, Atoms

Organ systems, Organism, Organs, Tissues

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Total questions in exam: 25 | Answered: 12

## Question No. 9

Which of the following is TRUE of both chitin and glycogen?

All answers are correct.
© Both are used for energy storage

- Both are found in the plant cell wall

Both are polysaccharides


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## MKCL OBS

## Total questions in exam 40 / Answered 27

Question No. 28
The sugar ribose has

The less oxygen in an deoxyribose
Two more oxygen than deoxymbose
Two less oxygen than deoxyribose
ole more oxygen than deoxyribose

## 1



Total questions in exam: 25 | Answered: 3

Question No. 2

The difference between ribose and deoxynbose sugar is

Lack of a nitrogen atom in nose

- Lack of ring in deoxyribose

Lack of a carbon atom in ribose
0 Lack of an oxygen atom in deoxyribose


Total questions in exam: 25 | Answered: 7

## Question No. 6

Glucose is a building unit in

All disaccharidesOnly MaltoseOnly Sucrose

- Only Lactose



## MKCL OES

Total questions in exam: $\mathbf{2 5}$ | Answered: 11

Question No. 8
Organic compounds are -based molecules

Nitrogen
HydrogenOxygenCarbon


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Question No. 14

Proteins are made of small subunits called.

- Amino acids

Fatty acidTriglycerides
Ducleotides


Total questions in exam: 25 | Answered: 21

Question No. 23

Galactose is a. but glycogen is a

Monosaccharide, polysaccharide

- Polysaccharide, monosaccharide
- Protein, steroid

Monosaccharide, disaccharide


Question No. 13
The protecting carbohydrate in insects is

O Chitin

- Cellulose
- Sucrose
- Glycogen
(1) questions in exam. 25 | Answered: 8
estion No. 12
ecetts characteristics are:

Able to divide
All answers are correct
Enclosed by a membrane
have DNA

Save \& Next


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# MKCL OBS 

Total questions in exam. 25 | Answered: 19

## Question No. 14

Macromolecules are made by joining smaller molecules into chains calledisomersStarchTetramersPolymers


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## Total questions in exam: $\mathbf{2 5} \mid$ Answered: 24

## Question No. 16

Changes that happens to a living organism during its live are called.

- Organization
- Development
- Reproduction

Energy processing


## Question No. 8

An ecosystem consists of

CommunitiespopulationsOrganisms
Cells


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## Question No. 10

 isaturated fat hasFalty acid with no double bonds Glycerol with no double bond Fatty acid with several double bonds Fatty acid with single double bond


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Total questions in exam: $\mathbf{2 5}$ | Answered: 5

## Question No. 12

Which of the following are the producers in an el


- Plants and animals
- Plants and Algae
- Bacteria and Algae

Animals and Fungi


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## MKCL OES

## rotal questions in exam 25 | Answered 21

## Question No. 21

## Which of these organelles are absent in bacteria?

All answers are correctNucleneChloroplastsMitochondria



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Question No. 5
Organs are made up of

Tissues
Cells
Organs
0 Organ system

Question No. 3

DNA are onmpobed of monomers called.

- Anno acids
(0) Nuclectides
(1) Nutogen bases

O Sugars


Sived Nextrthe

Which of the following categories includes all others in the list?
disaccharide

- carbohydrate
- monosaccharide
starch


Total questions in exam: 25 | Answered: 9

## Question No. 7

Photosynthetic organisms are called.

- All answers are correct
- Consumers

Decomposers

- Producers



## MKSL OES

Tolal queglians in sxam 25 | Answered: 10

Question He. 10
How many basic types of cells?

```
Fgur
-ane
AiH)Twe
8% B4
```


## MKCL OLS


Total questions in exam. 25 | Answered: 10

## Question No. 9

Hemoglobin is a complex protein that has a

- Quatemary structure
- Primary structureSecondary structureTertiary structure


## MKCL OES

Total questions in exam: 25 | Answered: 16

Question No. 14
Amoeba is an example of

Multi-cellular prokaryotesUnicellular prokaryotesMulti-cellular eukaryotesUnicellular eukaryotes

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Total questions in exam: 25 | Answered: 16

Question No. 15
The nuclear membrane is absent in:

Archaea

- Animals
- Plants
- Fungi


Total questions in exam: $\mathbf{2 5}$ | Answered: 18

Question No. 16
What type of lipids is the testosterone?

- Glycerol
- Sterolds
- Phospholipids
- Fatty acids

0

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Total questions in exam: 25 | Answered: 18

Question No. 19
Which of the following is the characteristic of all living things?

All answers are correct
Living things grow and develop
Living things reproduce
Living things respond to the environment


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MKCL OES
```

Total questions in exam: 25 | Answered: 23

## Question No. 19

Energy enters the Ecosystems as

- Chemical energy
- Light energy
- Heat energy
- Kinetic energy




## Question No. 25

The ecosystems on the planet together are calied the

- Hydrosphere

O Lthosphere

- Atmosphere

Oiosphere


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Fz
$F_{3}$
F4
F5

Question No. 12
Which of the following includes living and non-living components?EcosystemIndividualSpeciesPopulation

Total question's in exam: 25 | Answeret: 6

Question No. 11
Reproduction is one common propenty in all
dead
) living
active
0 non living

Bio-9z3 chogrent 2014 :15


$531002[003][04]$
 Q01 Q02] [003] [004]

INSTRUCTION: cuse Please choose the BESF answer from the oiven options for i Question:
A difference between DNA and RNA is.
Options:
1 DNA has the base Thymine but RNA has a Uraci

- DNA has a ribose sugar but RNA has a deoxyrbose

DNA is a single strand while RNA is a double helix
DNA is nucleic acid but RNA is not


Click on the question number to solve it.

| Bio_O23_Ch09Sec1_2014-15 |
| :--- |
| Bio_Oz3_Ch10Sec1_2014-15 |
| Bio_Qz3_Ch09Sec2_2014-15 |

```
Q01 Q02 Q03 Q04 Qgh, Q06
Q01 Q02 Q03 Q04 Q05 Q06 Q07
Q01 Q02 Q03 Q04
```

INSTRUCTION:
Question:
A nucleotide that found in DNA but NOT in RNA is $\qquad$ Options:

Guanine
OThymine
Cytosine
Adenine


## INSTRUCTION: : Alease choose the BEST answer

## Question:

The DNA consists of ................

## Options:

Three strands
Four strands
One strand
Two strands


Click on the question number to solve it.
Bio_Qz3_Ch09Sec1_2014-15
Bio_Q23_Ch10Sec1_2014-15
Bio_Oz3_Ch09Sec2_2014-15 Q01 Q02 Q03 Q04 Q05 Q06 Q01 Q02 Q03 Q04 Q05 Q06 Q01 Q02 R03 Q04

INSTRUCTION: Please choose the BEST answer from the giv€

## Question:

Simply, translation is a copy of............... Options:

- Protein from RNA

DNA from DNA
DNA from Mma
RNA from DNA


[^0]:    seve is thexthinden

[^1]:    

[^2]:    Eave of Noxi: $-14,10$

