Emmanuel 3chaol

Class-7:

Ch-3

Page

Fibre to Fabric

## I. Objective Type Questions.

D .	Tick !	(AP)	sho.	correct	nnew	DF
a.	LICK	Lag.	une	contec	r alis it	GI

1 The	branch o	ferione	which	deals	with	silkworm	farming	is	called
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a Sericulture

b. Horticulture

c. Agronomy

d. Mariculture

2. Which of the following is eaten by silkworms?

a. Fresh mango leaves

Jr. Fresh apple leaves

c. Fresh banana leaves

d. Fresh mulberry leaves

3. Which of these is not a natural fibre?

a. Cotton

b. Jute

c. Silk

d. Nylon

4. Which of these are removed by scouring process during wool production?

a. Grease, dust and oil

b. Grease, dust and sand

c Grease, dust and dirt

d. Grease, sand and dirt.

5. From which of the following, is the silk thread removed?

a. Eggs

b. Caterpillar

c. Pupa

d Cocoon

6. A carcinogen:

a. cocoon

b. yarn

c formalin

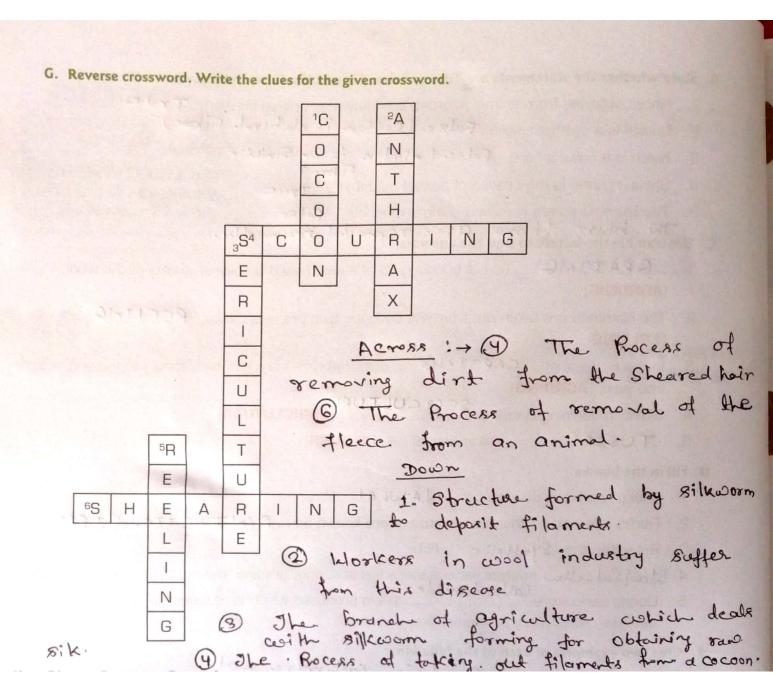
d. anthrax



## B. State whether the statements are True or False. Correct the false statement Fibres obtained from animal sources are known as animal fibres. 2. Cotton is a synthetic fibre. False (cotton is rlahaml fibre) 3. Nylon is a natural fibre. Folke ( mylon is a Symbol and About 6000 silkworms 4. Sheep rearing is the branch of animal husbandry. True are required to produce 5. The blurr fibres are removed using a machine. False. about 1 kg of raw silk C. Unscramble the letters to find the answers. 1. ...GRADING ...... is breaking up of fleece based on overall quality of the wool. (AGRONIG) 2. The filaments are taken out from the cocoons by a process called .. REELING (ERLEING) 3. In the process of .....CARDING...., coloured fibres are combed, straightened and rolled into yarn. (ACRDING) 4. Silkworm farming is called SERICULTURE 5. ..T.USSAR..... is a variety of silk. (ATSUSR) D. Fill in the blanks. 1. Sheep rearing is done to get ... N. ATURAL. fibre. 2. Fibres obtained by chemical treatment are known as .... SYNITHGITC FIBLE 3. Polyester is a . Sintelic .... fibre. 4. Wool Podoubles involves various steps like scouring, grading, dyeing, drying, making of yarn. 5. During sericulture, Calmadioxide gas is produced which is responsible for imitations. allergies, respiratory problems, etc. E. Give two examples of each of the following: Back rion, Cash mere yout Wool-giving camels 2. Goats having best quality wool book, made Carlinere your, Anon For 3. Breeds of Indian sheep low, Noti 4. Types of silk Tassar, Mooja F. Write one word for the following: The process of removing fleece from the animal Shearing. 2. The process of removing dirt from the sheared hair Scouring 3. Rearing of silkworms Sericulture

4. The pupa stage in a moth's life cycle Cocoon ( Second Stage)

5. The process of taking out filaments from a cocoon Reeling Filature



Page-1 11. Short Answer Questions. (1) Intrite a short note on 'Scriculture' Ans: -> Scriculture is the branch of agriculture.

industry which deals with Silkworm. farming
for obtaining raw Silk.

2) What are the hostmetal effects of the woolindustry on hyman health? Phy: > The coorkers one exposed to a large number of Chemicals, which adversely affect their health. They might experience allergic problems and respiratory disorders. They get intected by a discore anthrax, which is Caused by a bacterium, Bacillus, anthracis. 3 Discuss the types of natural Pibra.
8-11: > Natural Pibras are of two types: a) Plant Pibre (b) Animala Ribres @ Plant Fibres: > The fibres obtained from Deplant sources are known or Plant Fibres

De Avinal Fibres :-> Cotton, hemp, and tale obtained from Animal Jource's ale Known as Animal Fibre. Animal Fibre. Exi-> wood and Silk. (2) Compare Natural and Synthetic Fibres
by giving one Example Cach.

Solv Natural Fibres: > Fibres Obtained from
Natural Sources Buch or plants and
animals are known or Natural fibres Exis essal and cotton.

	2
	Date
	Synthetic Ribre: > Synthetic Paga Fibres ale
F 100 100 100 100 100 100 100 100 100 10	graphette ribre. made hom chemicals:
No. 10 to 10	men-made Fibres made from chemicals.
January Die	Ex: -> Nylon and Polyester
E	ushat are Different types of fibres?  Types of fibres
(3)	what are of silver
750	1 : > types of fibres
AND AND	Types of Fobrics
442032	19 per of topoles
	National
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	The state of the s
~	Animal Fibre
Plan	Fî bre
6	Name Some grimals from where are
	Jet wool.
8-	In , Sheep, Camel and Robbit are the
Thi	grimals from which we get wool.
	The state of the s
π	Long Anywer Questions
	The Latte have with shall the many that work the
1	Describe the life cycle of Sil Kasom
MER	alima well - labelled diagram.
86/2	:- The time when a female silk moth
Problem H	lays eggs in the beginnings stage of the
1929	life cycle of Bilk and hotches from them
ed rides	to form worme. After about 20 days the
	larvae or coterpillars start hatching
STOVE	from trese eggs. Then they are known
	as . Silkworm or Caterpillars. There
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stage and

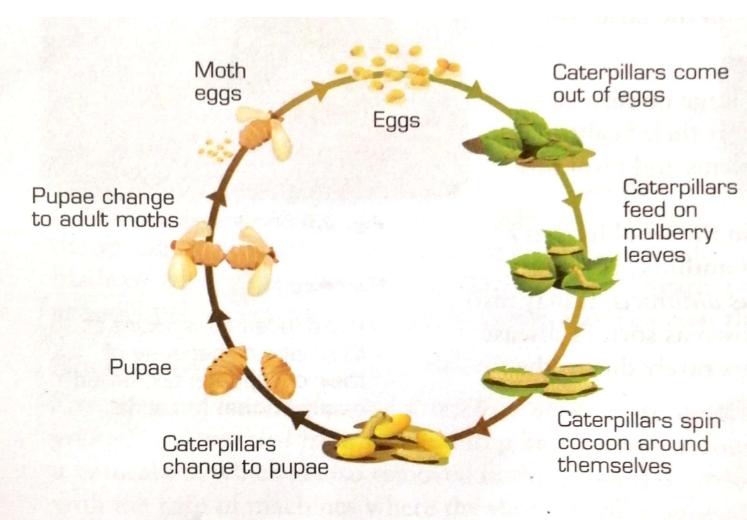


Fig. 3.7 Life cycle of silkworm

Page-5

Soli Culture?

Soli Culture?

Soli Culture?

Soli Culture?

Soli Culture?

Soli Culture?

The Color of Chemical Rubstaness fetal

for human life.

Contribute to infaction and Illnesses.

Contribute to infaction and Illnesses.

Threeds, may lead to healthy disorders like backaches, Spire and vision-related Robling.

(I) Valoring from machines may lead to respiratory disease Such or a thama and brockitis.

Jay (00) is produced. Page hich is responsible for irritations, allergies,
respon and Nasel irritations. 3 How is wood obtained from Sheep? Write down about the Steps involved in wool Roduction agin explanation. 80/1 :- Animals from which wool can be Obtained are bred to Obtain assol on large deale. This is called gearing. Wool is present as hair called fleece, on the bodice of animals. The fleece of sheep has two types of Pibres. The process of wood involved different
Steps - rearing, Shearing, Scouring,
Sorting, grading and Sorting dying and drying and making of Yarn. D Shearing: > The process of removal of the fleece from an animal is called Shearing: This is a process of Securing: This is a process of orching of sheep hair in tanks to remove grease, dust and dirt finit. (III) Grading and Sorting is Grading is the braking up of the fleece based on overall quality of the assol. Elecci. term is used to refer a ghe of wood that is not processed to make fibres. In Sorting, the wood is Calegorised as per on the horis of leyth,

Pageno -7. (iv) and Byling: - The fibre one then in Various Colours as demand and then dried aging rollers to much water as pensible. @ Making of Yorn : - After doging, the Cay Colorated fibres are Combed, straightered and rolled into Jam. This is called carding This wood fibres after Carding are tropped and turned to form tam in stinning (1) July do people wear Cotton dottes when is hot and humid, and wollen dotto when it is cold? Bom: - Cotton dother help in absorbing the Sweat generated in humid weather, heree & Keeping in cool . Weatlen clother trop heat and hence keep us worm in winter Beason .

EMMANUEL SCHOOL

ASSIGNMENT

CLASS-07

CH-5

Bink long-965+067

PHY SI CAL AND CHEMICAL CHANGE

# What Have I Learnt

- Objective Type Questions.
  - A. Tick ( ) the correct answer.
    - Melting of butter is which kind of change?
      - a Physical
      - b. Chemical
      - c. Both a and b
      - d. Neither a nor b
    - 2. Which of these chemical reactions involve the replacement of an element or ion from one compound to another?
      - a. Double displacement reaction
      - Single displacement reaction
      - c. Oxidation-reduction reaction
      - d. Decomposition reaction

- 3. Two or more reactants combine to form a new product in:
  - a. Exothermic reaction
  - b. Single displacement reaction
  - c Combination reaction
  - d. Decomposition reaction
- During exothermic chemical reactions, heat is:
  - a. Released
  - b. Absorbed
  - c. No effect
  - d. First absorbed and then released



- 5. Rusting of iron can be prevented by:
  - a Galvanisation
  - b. Absorption
  - c. Forming precipitate
  - d. Reacting it with water
- Carbon reacting with sulphur to give carbon disulphide while absorbing heat is an example of:
  - a. exothermic reaction
  - b. precipitation reaction
  - c. oxidation reaction
  - dendothermic reaction

- When magnesium reacts with oxygen to form magnesium oxide, it is a type of:
  - a. Decomposition reaction
  - b. Double displacement reaction
  - c Combination reaction
  - d. Precipitation reaction
- In a chemical reaction, if a liquid turns into gas, then it is a:
  - a Change in state
  - b. Change in energy
  - c. Endothermic reaction
  - d. Formation of precipitate

## B. State whether the following statements are True or False. Correct the false statements.

- 1. A chemical reaction is the symbolic representation of a chemical equation.
- 2. Matter exists in three forms—solid, liquid and gas.
- 3. In a single displacement reaction, one compound displaces another compound.
- 4. In a precipitation reaction, an insoluble substance is formed by mixing two solutions. Tree
- 5. Change in colour is a kind of physical change.
- 6. Forming of a precipitate is a chemical change. True

#### C. Unscramble the letters to find the answers.

- 1. The method used to prevent rusting (NILANGGAVSI)
- GAL VANISATION

False

- 2. The chemical reaction in which heat is released (EROCHMITXE) EXOTHERMIC
- 3. The chemical reaction in which heat is absorbed (OTHNEREMCID) ENDOTHE KMI
- 4. The chemical reaction in which a compound breaks down into two or more components due to breaking of bonds. (MOPOCSIDTIENO)

  DECOMPOSITION
- 5. The word which is also used to denote an oxidation-reduction reaction (OEXDR) REDOX
- 6. A change where no new substance is formed (YIHPSCLA) PHYSICAL
- 7. A change where there is a change of energy (MHELICAC) CHEMICAL
- 8. An insoluble substance formed when two solutions react (TPECRIITPAE) PRECIPITAL



p. Fill in the blank	ĸs.	
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- in a ... Combine 10 reaction two or more reactants combine to form a new product.
- An ....... reaction is also known as redox reaction.

  Oxidation and Reduction
  Evaporation is used to separate a solid solute from a .......Solvent.
- 4. When two solutions are mixed, cations and anions of the reactants combine to form the solid, known as ...... Double Displace met Reaction
- When iron nails are dipped in copper sulphate solution, a green-coloured ...... solution is formed.
- When carbon reacts with oxygen to form carbon dioxide heat is .....
- 8. Heat is absorbed in ...... reaction.

## Endothermic

#### Short Answer Questions.

- What is a precipitation reaction?
- Explain the change in state with one example.
- 3 What are endothermic reactions?

- Give an example of an oxidationreduction reaction.
- Is crystallisation a physical change or a chemical change? Why?

#### III. Long Answer Questions.

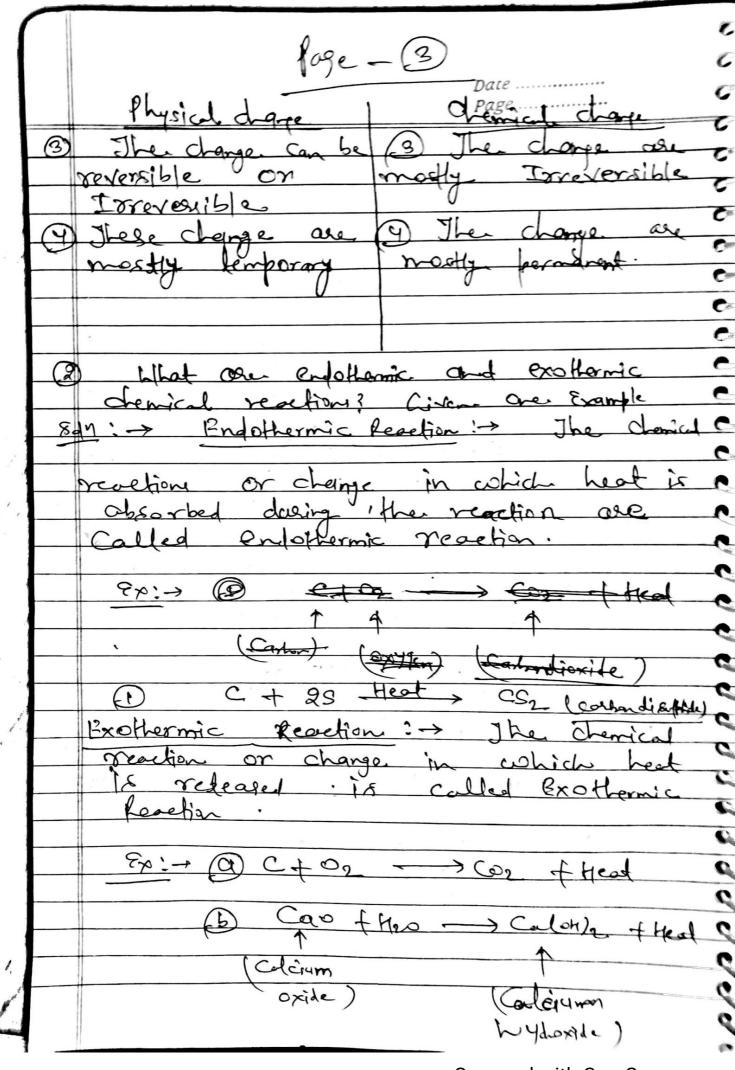
- Differentiate between physical and chemical reactions. Explain with examples.
- What are endothermic and exothermic chemical reactions? Give one example each to support your answer.
- 3 Briefly explain the different types of chemical reactions.
- Briefly explain the characteristics of chemical changes.
- Give two examples each for explaining change in state and change in colour during a chemical reaction.

- Explain displacement and double displacement reactions using examples.
- 7. What are the two methods of separating a solid from a liquid?
- Melting of wax is a physical change, whereas burning of wax is a chemical change. Why?
- Conversion of organic matter into biogas is a chemical change. Explain why.

EMMANUEL JUNOUL ASSIGNMENT OI Biold Page → 67,68 (PHYSICAL AND CHEMICAPECHANGE)

Date: → RAVI BHUSHAN SIR ( Page -(1) CA Short Answer question - M What is a precipitation reaction? 80/1 : - When two solutions are mixed Cations and anions of the reactants Combine to form the solid, Known as frecipitate and the reaction is Krown as Recipitation Reaction. Explain the change in state with One Example 8d1: > lather Bleetricity is bassed through water, it produces hydrogen and oxygen goses. Here liquids a gageour state 2420 Electricity, 242 02 (~>CX7)4~) (Hydrogen) (water) (gar) (liquid) What are Endothermic reactions? C Don: -> The Chemical reactions or changes in which heat is absorbed called Endothermic Reactions. 0 C Heat C + 23 a Carbon (Carbon) (Fulphers) 0 disulphide) 9 Give an Example of an oxidation-21 Reduction feartion 8017: -> When Ferric oxide reacts with into Iron and Carbon moroxide is oxidised

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requestion   Ke	movelet oxygen)
Fe203 + 300 -	, 2fe + 3coz
_	1 A 1 C 1
(Ferric (Carbon	(Iran) (Carlandiaride)
Oxide) Monoxide)	<b>6</b>
,	
	- 114
	Oxidation)
(A.	ddition of oxygen)
In Courtablication C.	61
In Crystallization as	Physical Charge or
a chemical charge ? I	1 hy ?
n: -> Crystallisation	is a physical
charge. In this	'b cook & slop
Exphorted the 8h	sold solden
evaposates, the satu	reted solution is
left behind . In the	an enson
Chemical reaction take	P felale.
Long Answer question	228
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200000000000000000000000000000000000000	
Differentiale between	physical and
- Shemical reactions is	lelain all find
PHYSICAL CHANGE	CHENTONI CHAINS
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Pose-9
Date
Briefly Explain the different types
at Chemical reactions.
Different of per of Chemical Leartin
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Matter man
Precipitation Reaction: -> When two
Solutions are mixed, Colions and anions
of the reactuals combine to form
the solid, known as precipitate and
the reaction is their Known or
Recipitation reaction.
Bx: - D When Silver Nitrate is added
to solium chloride, a precipitate of Silver Chloride is formed.
To the total of th
Agnos + Nacl -> Agcl & + Nanos
(Silver Sodium Silver Sodium
Mitrale) (Socialm Chloride) Mitrale)
chloride)
Combination Reaction :-> In a
Combination reaction (or 87n Hosis reaction)
two or more reactants Combine to
form a new product.
A+B - AB
Here A and B are a reactants and
AB is the Combined Broduct.
N2(3) + 3H2(3) -> 2NH3(3)
(Mibrogen) (Hydrogen)
(Ammonia)
Magnetium) (0xygen) = 2M20 (Magnetium oxide)
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logets) Date ..... DeComposition Leadis Page 3 Heat (ao(s) +(oz()) Cacos(s) Colcium Carbonate Med Ca(OH) M Action (b) Light (0) Bleetricity Blockicity & 2 M2 (3) + 02 (3) ( Hydroger) (Oxyra)

Page (6)

Date
(4) Ligle Displacement Page earlier: >
and
Sigle displocement reaction is a
element displaces a less reactive
Ola de distillada de la seculiar
element displaces we less reading
element from its salt solution.
Ep: >D Zn(s) + 2Hcl (ag) -> Enela (ag)  (Equation (Moderation of the Charite)
(rind (Marchanic reid) In an addaride
+ H29)
@ Fe + curay -> Cu + Ferry
Thon (Copper Ofber) (Iron Sulphale)
Sulphale) Sulphale)
Double Displacement Leading:
t day middle and something
In double Displacement reaction,
Positive Tory and Negotive Ione.
I switch their positions and form
new Broduets.
Agricos(ag) + Noel (ag) - Agrico
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aloride)
Ma Nos (ag) Orlaride)
11   10
(Lodium Nistrate)
oxidation - Reduction Reaction :-
oxidation-Reduction Reactions
Oxidation feartion: > oxidation

Page (7) plansing Roce Pate Kie place Addition of Reaction Reduction loadion: > 'Reduction that knows in which following Roces fakes place.

D gain of Electrone 10 Addition of Hydrogen (11) Lemoval of Oxygen (Removal of Oxygen) Reduction) based electo Er : → feeos + 300 -> 2Fe +3Con (Carbon Iron Carbondioxide ferric. oxidation (Addition of Oxygen) Briefly Explain the Characteristics of chanical changes Bolm: > The following are some Characteristics of Chemical Changes. charge in Colour :-> following Chemical naction represent charge in colour. O changing of Colour of an apple Example of a chemical reaction. Scanned with CamScanner

Page (7) Change in Energy: > Endothermic and Exothermic reaction Cao + H20 -> Ca

#### **EMMANUEL SCHOOL**

BY- Rites srivastava

#### **BIOLOGY ASSIGMENT NO-04**

With answe	wer
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CH-10(RESPIRATION)

Q1. What is respiration?

Q2. What is anaerobic respiration?

,	
Fill in the black	
Q1.we can not , survive without	······,
Q2. We respire by using	And
Q3. The presence ofatmosphere for respiration.	gas is essential in the
Q4. We take in and give	out during breathing.
Q5 help us breathing	
Q6. Exchange of gases in the leaves t	ake place with the help of
Q7. Diaphragm forms the C	of the chest cavity.
Q8. Respiration is process the provid	es to the body.
Match the following	
Colum I	colum II
a). Butter fly	i). lungs
b). Earth warm	ii). Gills
c). Sparrow	iii). Spiracles
d). Fish	iv) Skin
Short question answer.	

- Q3. Where is diaphragm located in human body?
- Q4. Name respiratory organ of frog.
- Q5. Name the respiratory organ of earthworm.
- Q6. How does exchange of gases take place in insects?
- Q7. Name the respiratory organ of bird.
- Q8. What is the end product of anaerobic respiration?
- Q9. Why do we respire?
- Q10. Why we should eat regularly?

### Long question answer

- Q1. What happens to the air we breathe in?
- Q2. Differentiate between aerobic and anaerobic respiration.
- Q3. Why we feel hungry after a physical activity?

## Activity;

- Q1. Draw a labelled diagram show inhalation and exhalation process in human beings.
- Q2. Draw a labelled diagram of insects tracheal system.

## Answer of above assignment:

Fill in the blanks ..

## A/s

- Q1. Respiration
- Q2. Mouth and nose
- Q3. Oxygen
- Q4. Oxygen and carbon dioxide

- Q5.lungs
- Q6. Stomata
- Q7.Floor
- Q8. Energy

## A/s of match of the following:

- Q1.a spiracles
  - .b skin
  - .c lungs
  - .d gills

## A/s of short q/a

- Q1. The process of oxidation of food to release energy from absorb food in living cell
- Q2. The respiration which takes places in the absence of oxygen is called anaerobic
- Q3. Below the lungs.
- Q4. Skin and lungs
- Q5. Moist skin
- Q6. Exchange gas take place in insect through spiracles into trachea.
- Q7. Lungs
- Q8. Co2, alcohol, and energy
- Q9. We respire to use the oxygen, to oxidise our food and release energy. this is similar like burning but a slower process it also need respiratory enzymes. respiration is a slower process than burning and energy release can be stored for later use

Q10. The food has stored energy which is released during respiration thus we should eat regularly

## A/s of long Q/a

- Q1. The air we breath in transported to every parts of body and ultimately it is transported to each cell, in the cells oxygen in the air help in the breakdown of food this process of breakdown of food in the cell with the release of energy is called cellular respiration.
- Q2 . The air we breath in transported to every parts of body and ultimately it is transported to each cell , in the cells oxygen in the air help in the breakdown of food this process of breakdown of food in the cell with the release of energy is called cellular respiration . cellular respiration take place / occurs in the cell of all organism.
- Q3. Aerobic respiration
  - An aerobic respiration takes place
     Using o2 ,inhales in breathing .
- In aerobic respiration ,breathing of Glucose result in production of co2 ,water and energy
- An aerobiic respiration uses respiratoryOrgans such as lungs

Anaerobic respiration

- 1. Where an anaerobic r–espiration requires
- no o2
- 2.in aerobic respiration t
- -he breakdown of gulco
- -se first result in lactic
- acid and energy and
- This break into co2, h2o
- 3.aerobic respiration take pla
- -ce at cellular or muscular

Leve

By- Ritesh srivastava

#### **EMMANUEL SCHOOL**

BY- Rites srivastava

#### **BIOLOGY ASSIGMENT NO-04**

With answe	wer
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CH-10(RESPIRATION)

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- 4. The chemical reaction in which a compound breaks down into two or more components due to breaking of bonds. (MOPOCSIDTIENO)

  DECOMPOSITION
- 5. The word which is also used to denote an oxidation-reduction reaction (OEXDR) REDOX
- 6. A change where no new substance is formed (YIHPSCLA) PHYSICAL
- 7. A change where there is a change of energy (MHELICAC) CHEMICAL
- 8. An insoluble substance formed when two solutions react (TPECRIITPAE) PRECIPITAL



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n	Fill	in	the	o.	6.11		

- in a ... Combine 10 reaction two or more reactants combine to form a new product.
- An ....... reaction is also known as redox reaction.

  Oxidation and Reduction
  Evaporation is used to separate a solid solute from a .......Solvent.
- 4. When two solutions are mixed, cations and anions of the reactants combine to form the solid, known as ...... Double Displace met Reaction
- When iron nails are dipped in copper sulphate solution, a green-coloured ...... solution is formed.
- When carbon reacts with oxygen to form carbon dioxide heat is .....
- 8. Heat is absorbed in ...... reaction.

## Endothermic

#### Short Answer Questions.

- What is a precipitation reaction?
- Explain the change in state with one example.
- 3 What are endothermic reactions?

- Give an example of an oxidationreduction reaction.
- Is crystallisation a physical change or a chemical change? Why?

#### III. Long Answer Questions.

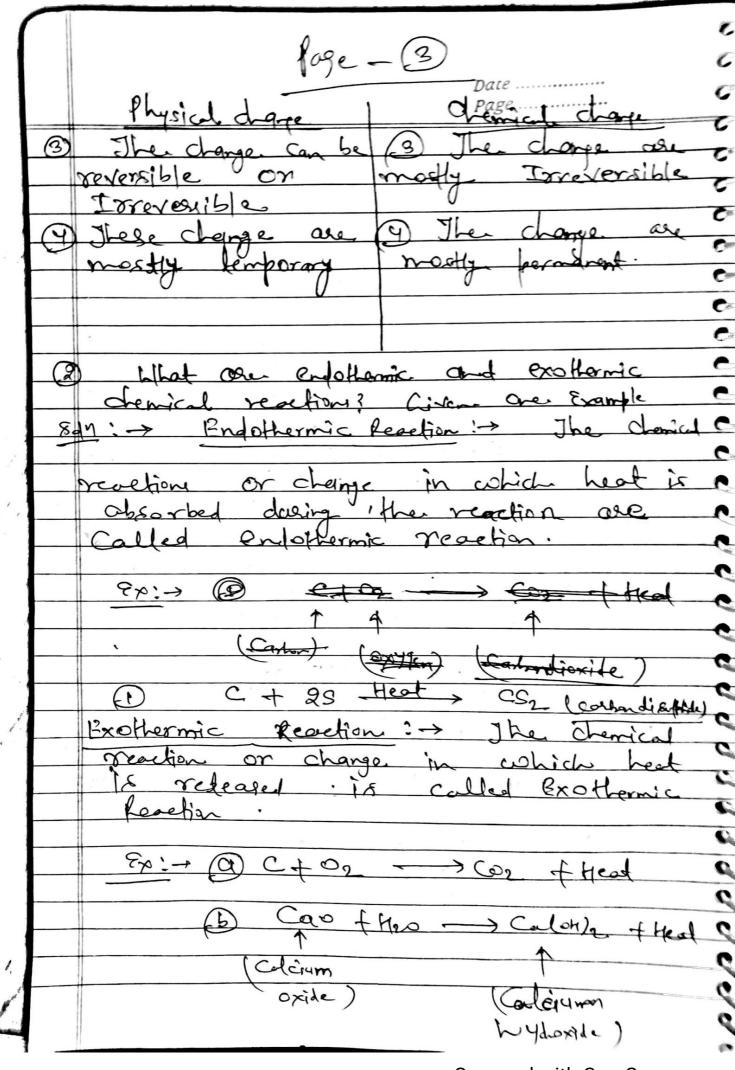
- Differentiate between physical and chemical reactions. Explain with examples.
- What are endothermic and exothermic chemical reactions? Give one example each to support your answer.
- 3 Briefly explain the different types of chemical reactions.
- Briefly explain the characteristics of chemical changes.
- Give two examples each for explaining change in state and change in colour during a chemical reaction.

- Explain displacement and double displacement reactions using examples.
- 7. What are the two methods of separating a solid from a liquid?
- Melting of wax is a physical change, whereas burning of wax is a chemical change. Why?
- Conversion of organic matter into biogas is a chemical change. Explain why.

EMMANUEL JUNOUL ASSIGNMENT OI Biold Page → 67,68 (PHYSICAL AND CHEMICAPECHANGE)

Date: → RAVI BHUSHAN SIR ( Page -(1) CA Short Answer question - M What is a precipitation reaction? 80/1 : - When two solutions are mixed Cations and anions of the reactants Combine to form the solid, Known as frecipitate and the reaction is Krown as Recipitation Reaction. Explain the change in state with One Example 8d1: > lather Bleetricity is bassed through water, it produces hydrogen and oxygen goses. Here liquids a gageour state 2420 Electricity, 242 02 (~>CX7)4~) (Hydrogen) (water) (gar) (liquid) What are Endothermic reactions? C Don: -> The Chemical reactions or changes in which heat is absorbed called Endothermic Reactions. 0 C Heat C + 23 a Carbon (Carbon) (Fulphers) 0 disulphide) 9 Give an Example of an oxidation-21 Reduction feartion 8017: -> When Ferric oxide reacts with into Iron and Carbon moroxide is oxidised

	Date	
into Cartin disside.	Page	
in an an adoxide.		
Valuation CO		
Reduction (Removal of Oxygen)		
Fe203 + 300 -	, 2fe + 3coz	
_	1 A 1 C 1	
(Ferric (Carbon	(Iran) (Carlandiaride)	
Oxide) Monoxide)	<b>6</b>	
,		
(Oxidation)		
(Addition of oxygen)		
(2/200)		
In Courtablication C.	61	
In Crystallization as physical charge or		
a chemical charge ? I	thy?	
n: -> Crystallisation	is a physical	
change In this	'b 200 S	
Exapos les the 8 h	sold solden	
Evaposates, the Saturated Solution is		
left behind. In this knows no		
Chemical reaction take	P felale.	
Long Answer question	228	
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Differentiale between	physical and	
- Shemical reactions is	lelain all find	
PHYSICAL CHANGE	CHENTONI CHAINE	
1-1-1-1-1-1	CHEMICAL CHANGE	
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which only physical	in which Chemical	
trule of an substance is	Robertice of Substonce	
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Pose-9
Date
Briefly Explain the different types
at Chemical reactions.
Different of per of Chemical Leartin
11211
Matter man
Precipitation Reaction: -> When two
Solutions are mixed, Cotions and anion
of the reactuals combine to form
the solid, known as precipitate and
the reaction is their Known or
Recipitation reaction.
Bx: - D When Silver Nitrate is added
to solium chloride, a precipitate of Silver Chloride is formed.
Total Control of the
Agnos + Nacl -> Agel & + Nanos
<b>A</b>
(Silver Sodium Silver Sodium
Mitrale) (Socialm Chloride) Mitrale)
Moride)
Combination Reaction :-> In a
7 010
Combination reaction (or 87n Hosis reaction)
Combination reaction or Synthesis reaction), due or more reactants Combine to
form a new product.
A+B - AB
Here A and B are a reactants and
AB is the Combined Broduct.
N2(3) + 3H2(3) -> 2NH3(3)
(Mibrozen) (Hodrogen)
(Ammonia)
Magnetium) (0xygen) = aM20 (Magnetium oxide)
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logets) Date ..... DeComposition Leadis Page 3 Heat (ao(s) +(oz()) Cacos(s) Colcium Carbonate Med Ca(OH) M Action (b) Light (0) Bleetricity Blockicity & 2 M2 (3) + 02 (3) ( Hydroger) (Oxyra)

Page (6)

Date		
(4) Ligle Displacement Page earlier: >		
and		
Sigle displocement reaction is a		
element displaces a less reactive		
Ola de distillada de la seculiar		
element displaces we less reading		
element from its salt solution.		
Ep: >D Zn(s) + 2Hcl (ag) -> Enela (ag)  (Equation (Moderation of the Charite)		
(rind [Mandlaric reid? In anddarid:		
+ H29)		
@ Fe + curay -> Cu + Ferry		
Thon (Copper Ofber) (Iron Sulphale)		
Sulphale) Sulphale)		
Double Displacement Leading:		
t day middle and something		
In double Displacement reaction,		
Positive Tory and Negotive Ione.		
I switch their positions and form		
new Broduets.		
Agricos(ag) + Noel (ag) - Agrico		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
(Silver ditrate) (Sodium		
aloride)		
Ma Nos (ag) Orlaride)		
11   10		
(Lodium Mistrate)		
oxidation - Reduction Reaction :-		
oxidation-Reduction Reactions :-		
Oxidation feartion: > oxidation		

Page (7) plansing Roce Pate Kie place Addition of Reaction Reduction loadion: > 'Reduction that knows in which following Roces fakes place.

D gain of Electrone 10 Addition of Hydrogen (11) Lemoval of Oxygen (Removal of Oxygen) Reduction) based electo Er : → feeos + 300 -> 2Fe +3Con (Carbon Iron Carbondioxide ferric. oxidation (Addition of Oxygen) Briefly Explain the Characteristics of chanical changes Bolm: > The following are some Characteristics of Chemical Changes. charge in Colour :-> following Chemical naction represent charge in colour. O changing of Colour of an apple Example of a chemical reaction. Scanned with CamScanner

Page (7) Change in Energy: > Endothermic and Exothermic reaction Cao + H20 -> Ca

#### **EMMANUEL SCHOOL**

Biology Assignment no-3

CLASS-VII[CH-7]

Fill in the blank with the correct w	ord.	
Q1 Is know as the ship of desert.		
Q2. Polar bear is found across the		
Q3. Earth move around the in the solar system.		
Q4.Match the animal mentioned in column 1, with their characteristic feature given in column2, .		
Column1.	Column 2.	
[a] Red eyed frog	[1] very sensitive hearing	
[b] penguin	[2] streamlined body	
[c] Tiger	[3] silver-white mane	
[d] lion –tailed macaque	[4] sticky pads on feet	
Q5. Why is it difficult to predict th it is easy to predict its climate?	e weather of a place while	
Q6. Name two animals each that live in polar region and tropical rain forests.		

Q7. Write two common adaptive features of a polar bear

Q8. Meantion two adaptive features of penguin that help it in

which help in keeping it warm.

swimming.

## Q9. Differentiate between:

- 1. weather and climate
- 2. humidity and rainfall
- 3.climates of polar region and tropical rain forest
- 4. maximum and minimum temperatures of the day
- Q10. Explain the factors determining the climate of a place.

By – Ritesh Srivastava