

SINGLE NATIONAL CURRICULUM

Single National Curriculum 7s A Diversion. Quality and Access to Education is what

Matters. Single National Curriculum is a must

For social cohesion and National Integration

ONE NATION ONE CURRICULUM

Non-uniformity in the curriculum has created a gap between the opportunities available for, rich and the poor, leading to disintegration in society. Implementation of a Single National Curriculum at all levels of education ties the society together by eliminating a major disparity which, later on, may prove to be the root cause of other social divides. Single National Curriculum aims to achieve cohesion and integration in society by gathering all and sundry on a single platform to achieve their goals in life. It overlooks the divisions in society which are based on class, color, language, social status, religion and culture, and provides a strong reason to remain united. The effective implementation of the policy of Single National Curriculum is based on inclusion of all forms of knowledge coming from different cultures, introduction of modern methods of learning and focusing on the development of critical thinking among students **Salient Features of science according to SNC**

- Realignment in view of latest global trends and practices in Science education
- Addition of Technology based content as separate chapters
- Integration of themes such as conservation, bio-ethics, scientific responsibilities & care for the environment and all living beings
 - Promotion of inquiry-based learning
 - Integration of ICT into the curriculum through web links and project work
 - Integration of STEAM as a cross cutting strand

BLOCK SYLLABI OF 1ST SEMESTER 2021-2022

Class: 6th

Subject: Science

CHAPTER 1 CELLS, TISSUES, ORGANS CHAPTER 2 SENSES AND SENSE ORGANS CHAPTER 3 PHOTOSYNTHESIS AND RESPIRATION CHAPTER 4 LIVING THINGS AND THE ENVIRONMENT CHAPTER 5 ATOMS, MOLECULES, MIXTURE, AND COMPOUND CHAPTER 6 AIR AND THE ATMOSPHERE

CHAPTER 7 SOLUTIONS AND SUSPENSIONS

(Book and Workbook) (Book and Workbook)

Parent's sign:

Grade: 6th

Oxford Secondary Science-1 Unit 01: Cells, Tissues, and Organs



Oxford Secondary Science-1 Date: 1st July, 2021

Grade: 6th Day: Thursday

Unit 01: Cells, Tissues, and Organ

Lea	earning Objectives: Students will be able to give logical and conceptual answer any asked				
qu	question.				
Qu	estion 1: Choose the c	orrect option			
•	What is the main differen	ce between plant and animal cells?			
(a)	Plant cells have a nucleus,	animal cells do not1			
(b)	Animal cell move about				
(c)	Plant cell have a cell wall v	vhich is easily seen			
(d)	Animal cells are always big	gger than plant cells			
•	Which one of the following	g substances in a cell traps sunlight?			
(a)	Cytoplasm	(c) Cell sap			
(b)	Cellulose	(d) Chlorophyll			
•	The job of the cell memb	ane is to:			
(a)	Give a plant cell its shape				
(b)	Control what happened in	side the cell			
(c)	Control what substances g	o into and out of the cell			
(d)	Stop water entering the co	2			
•	The job of the cell wall in	a plant is to:			
(a)	Control what substances g	o into and out of the cell			
(b)	Give a plant cell its shape				
(c)	Allow photosynthesis to h	appen			
(d)	Store food for the plant				
•	What sort of structure is t	he heart?			
(a)	A tissue	(c) <mark>An organ</mark>			
(b)	An organ system	(d) A group of cells			
•	Which of the following is	not an organ system?			
(a)	Circulatory system	(c) Nervous system			
(b)	One-way system	(d)Digestive system			
•	Cells of the same type of grouped together to make a:				
			Parent's sign:		

Oxford Secondary Science-1		Grade: 6 th
(a) Tissue	(c) Organ	
(b) Organ system	(d) Organelle	
• An organ is made up of several of	lifferent:	
(a) Organelle	(c) Cells	
(b) <mark>Tissues</mark>	(d) Nerve	
• An organ is made up of:		
(a) Different cells	(c) Different tissues	
(b) Same cells	(d) Same tissues	
• Chloroplasts are present in:		
(a) Only Animal cells	(c) Only Plant cells	

(b) Both a and b

(d) None of these

Oxford Secondary Science-1 Date: 2nd July, 2021 Grade: 6th Day: Friday

Unit 01: Cells, Tissues, and Organ

Learning Objectives: Students will be able to give logical and conceptual answer any asked question.

Activity:

Biography of Ibn al-Nafis

Web link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2612469/

His full name was Ala al-Din Abu al-Hassan Ali Ibn Abi-Hazm al-Qarshi al-Dimashqi, and so not surprisingly he is commonly referred to as Ibn al-Nafis. He was born in Damascus. **Ibn al-Nafis** (Arabic: الأ ذ ف يس اب ن), was an

Arab physician from Damascus mostly famous for being the first to describe the pulmonary circulation of the blood. As an early anatomist, Ibn al-Nafis also performed several human dissections during the course of his work, making several important discoveries in the fields of physiology and anatomy. Besides his famous discovery of the pulmonary circulation, he also gave an early insight of the coronary and capillary circulations, a contribution for which he is sometimes described as "the father of circulatory physiology". Apart from medicine, Ibn al-Nafis studied jurisprudence, literature and theology. He was an expert on the Shafi'i school of jurisprudence and an expert physician. The number of medical textbooks written by Ibn al-Nafis is estimated at more than 110 volumes.

Question 01: Who was the Ibn-al-Nafis?

Answer: Ibn-al-Nafis was an Arab physician from Damascus.

Answer:____

Question 02: For which reason Ibn-al-Nafis was famous?

Grade: 6th

Answer: Ibn-al-Nafis was famous for being the first to describe the pulmonary circulation of the blood.

Answer:_____

Question 03: What was the full name of Ibn-al-Nafis?

Answer: His full name was Ala al-Din Abu al-Hassan Ali Ibn Abi-Hazm al-Qarshi al-Dimashqi.

Answer:_____

Oxford Secondary Science-1GraDate: 3 rd July, 2021Da			
Unit 01: Cells, Tissue	s, and Organ		
Topic: Objective type	e (work book)		
Learning Objectives:	Students will be able to give logical and conceptual answe	er any asked	
question			
Question 01	Fill in the blanks		
• Living organisms diffe	er from non-living objects in that they carry out	vital processes.	
(seven)			
• The release of energy	r from food molecules is called (respiration)		
• The ability of living th	nings to produce copies of themselves is known as	(reproduction)	
• The ability to respond	d changes in their surroundings is called (sensitiv	vity)	
• The removal of waste	e products that have been produced by the organism is known as _	·	
(excretion)			
Organisms are made	up of units called (cells)		
Cells are surrounded	by (cell membrane)		
Cell membrane contr	ol what enters and leave the (cell)		
• The	controls all the activities of the cell. (nucleus)		
• Cell wall is made up of	of (cellulose)		
Plant cells contain tin	y organelles called that make food for their plant by ph	otosynthesis.	
(chloroplasts)			
Question 02:	Match the column		
Match the tissues with the job they perform			
Tissues	Special job or Function		
Epidermal tissue	Support and strengthen the plant		
Photosynthetic tissue	Protect the plant from damage and prevent it from drying up		
Supporting tissue	Protect the structure underneath		
Epithelial tissue Carries messages from one part of an animal's body to another			

Parent's sign: _____

Oxford Secondary Science-1		Grade: 6 th
Muscle tissue	Make food for the plants	
Nerve tissue	Contract to bring about movement in an animal's body	
Answor:	·	

Answer:

Tissues	Special job or Function
Epidermal tissue	Protect the plant from damage and prevent it from drying up
Photosynthetic tissue	Make food for the plants
Supporting tissue	Support and strengthen the plant
Epithelial tissue	Protect the structure underneath
Muscle tissue	Contract to bring about movement in an animal's body
Nerve tissue	Carries messages from one part of an animal's body to another

Match the plant and animals with their respective organs:

Plant organs	heart
	brain
	leaves
	еуе
Animal organs	lungs
	flowers
	Stomach

Answer: Plant organs are leaves and flower

Animal organs are heart, brain, lungs, stomach

Oxford Secondary Science-1 Date: 5th July, 2021

Unit 01: Cells, Tissues, and Organ

Activity: Draw and Label the diagram of plant cell?

Draw and label the diagram here:

Draw and label diagram of animal cell

Oxford Secondary Science-1 Date: 6th July, 2021

Unit 01: Cells, Tissues, and Organ

Topic: Exercise (Answer/Question)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Write answers of the following questions on the lines below

Q1. A microscope is fitted with a x5 eyepiece and a x20 objective lens. Which answer below shows how

much the object will be magnified?

A x 5 B x 20 C x 25 D x 100 E x 520

Answer: D x 100

Answer:_____

Q2. Which of the following is not a tissue?

A: bone B: nerve C: blood D: stomach E: epithelium

Answer: D stomach (it is an organ)

Answer:_____

Q3. Why do you usually need to cut a very thin slice of a specimen to look at it under a light microscope?

Answer: So that the material is thin enough for light to be able to pass through it.

Answer:

Q4. Why are cells stained or dyed before being looked at with a light microscope?

Answer: To show up the different parts of the cell, particularly the nucleus and other organelles

Answer:_____

Q5. How many cells are there in a unicellular organism? Name two examples of a unicellular organism.

Answer: one;

Amoeba and chlorella are common unicellular organisms.

Answer:_____

Q6. Name three	e different types of specialized cells. Which part of a cell determines how it will specialize?
Answer: Blood	d cells, nerve cells, root hair cells, palisade cells and stomata. The nucleus of a cell determines
how it will speci	ialize.
Answer:	
Q7.What is the	function of the cell membrane?
Answer: The ce	ell membrane controls the movement of materials into and out of the cell.
Answer:	
Q: 8.What is the	e name of the green-colored pigment inside chloroplasts?
Answer: Chloro	ophyll
Answer:	
Q.10 Arrange th	hese body parts in order of their size and level of organization in the body: organ, tissue, ce
organ system.	
Answer: Cell, tis	ssue, organ, organ system
O11 Look at t	be sequence on page 9 showing the relationship between cells, tissues, organs, and
organisms in a	nlant Using either labelled drawings, or just words, make up a similar sequence for a hum:
being or some (other animal
	vample of the sequence is:
	Red blood cell
	Red blood tell
2. HISSUE	
5. Organ	ine neart
	Parent's sign:

Oxford Secondary Science-1 4. System Circulatory system		Grade: 6 th
Individual	The human body	
nswer:		

Oxford Secondary Science-1 Date: 7 th July, 2021		Grade: 6 th Day: Wednesday		
Unit 01: Cells, Tissues, a	Unit 01: Cells, Tissues, and Organs			
	Assessment	/20		
Question 01	Encircle the correct option	/5		
• Which one of the follow	ing substances in a cell traps sunlight?			
(a) Cytoplasm	(c) Cell sap			
(b) Cellulose	(d) Chlorophyll			
• The job of the cell memb	prane is to:			
(a) Give a plant cell its shape	2			
(b) Control what happened i	nside the cell			
(c) Control what substances	go into and out of the cell			
(d) Stop water entering the o	cell			
• The job of the cell wall in	n a plant is to:			
(a) Control what substances	go into and out of the cell			
(b) Give a plant cell its shape				
(c) Allow photosynthesis to	happen			
(d) Store food for the plant				
• What sort of structure is	the heart?			
(a) A tissue	(c) An organ			
(b) An organ system	(d) A group of cells			
• Which of the following is	s not an organ system?			
(a) Circulatory system	(c) Nervous system			
(b) One-way system	(d)Digestive system			
Question 02	Match the column	/5		
Match the tissues with the job they perform				

Tissues	Special job or Function	
Epidermal tissue	Support and strengthen the plant	
Photosynthetic tissue	otosynthetic tissue Protect the plant from damage and prevent it from drying up	
Supporting tissue	Protect the structure underneath	
	Parent's sign:	

Oxford Secondary	Science-1	Grade: 6 th
Epithelial tissue	Carries messages from one part of an animal's body	to another
Muscle tissue	Make food for the plants	
Nerve tissue	Contract to bring about movement in an animal's bo	ody
Question 03	Draw and label the diagram of animal cell	/5
Question 04 Writ	te the answers of the following question	/5
1) . Name three di	fferent types of specialized cells. Which part of a cell dete	ermines how it will specialize?
/3		
Answer:		
2) What is the fur	nction of the cell membrane?	/2
Answer:		
	Parei	nt's sign:

Oxford Secondary Science-1 Unit 02: Senses and sense organs

Oxford Secondary Science-1 Date: 8th July, 2021

Unit 02: Senses and sense organs

Topic: Objective type (work book)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Question 01 Choose the correct option

- The amount of light entering the eye is controlled by the:
- (a) Iris (c) cornea
- (b) Lens (d)retina
- The cornea of the eye is the transparent part of the:
- (a) Iris (c) lens
- (b) Sclerotic (d) retina
- A cricketer loses the sight of one eye in a car crash. The other eye is not affected. When he plays cricket again, the effect will be that:
- (a) He can see the ball only half the time
- (b) He cannot focus on the ball
- (c) He cannot judge how far away the ball is
- (d) The ball look smaller
- A boy is told to shut his eyes and some food is put on his tongue. He would best be able to guess what it is by using:
- (a) Taste only (c) taste and feel
- (b) Smell only

- (d) taste, smell, and feel
- A man with a heavy cold finds his food does not taste because:
- (a) The cold germs kill the taste of the food
- (b) The cold germs numb the taste buds
- (c) His blocked nose cuts out his sense of smell
- (d) He has lost his appetite
- The three tiny bones in the middle ear are there to:
- (a) Stop the eardrum from collapsing
- (b) Transmit sound vibrations

Oxford Secondary Science-1 (c) Transmit the sense of balance	Grade:	5 th
(d) Stop the ear from vibrating too mu	ch	
• A girl who is going to a wedding sp	rays some long-lasting perfume behind her ears. A few minut	es later
she realizes she cannot smell the p	erfume any more. This is because:	
(a) It has all evaporated		
(b) She cannot smell behind her ears		
(c) perfume only smells for a very shor	t time	
(d) her sense of smell has become user	d to that smell	
• The four basic tastes to which you	r tongue is sensitive are:	
(a) Sweet, sour, salt, and bitter	(c) sweet, sour, salt, and pepper	
(b) Acid, sour, salt, and bitter	(d) sweet, sour, salt and creamy	
• Which part of the eye carries nerve	e impulses to the brain?	
(a) Blind spot	(c) <mark>optic nerve</mark>	
(b) Rodes	(d) cones	
• What is the function of the pupil:		

- (a) Allows the light into eye (c) clear the image
- (b) Change the shape of the lens (d) carries nerve impulse to the brain

Oxford Secondary Science-1 Date: 9th July, 2021 Grade: 6th Day: Friday

Unit 02: Senses and sense organs

Topic: Objective type

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Activity: Abu Al Qasim Al Zahrawi (Albucasis): Pioneer of Modern Surgery

Web Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6077085/

Abu Qasim Khalaf Ibn Abbas Al Zahrawi, known in the West as Albucasis or Zahravius, was born in Muslim Spain. Al Zahrawi is considered the father of operative surgery. He is credited with performance of the first thyroidectomy.He wrote his famous book "*Al Tasreef Liman 'Ajaz 'Aan Al-Taleef*". The last chapter of his comprehensive book, named "On Surgery", was dedicated to surgical instruments. He introduced over 200 surgical tools, a staggering number by all standards. He gave detailed descriptions of for using probes, surgical knives, scalples, and hooks. He also devised and invented surgical scissors, grasping forceps and obstetrical forceps. His illustrations of surgical instruments were the earliest intended for use in teaching and in methods of manufacturing them. Al Zahrawi contributed early descriptions of neurosurgical diagnoses and treatment including management of head injuries, skull fractures and spinal injuries.

Question 01: Al Zahrawi was the founder of?

Answer: Al Zahrawi is considered the father of operative surgery. He is credited with performance of the first thyroidectomy.

Answer:_____

Question 02: Which is the famous book of Al Zahrawi?

Answer: He wrote his famous book "Al Tasreef Liman 'Ajaz 'Aan Al-Taleef".

Answer:_____

Question 03: What are the contributions of Al Zahrawi?

Answer: He introduced over 200 surgical tools. He gave detailed descriptions of for using probes, surgical

knives, scalples, and hooks. Al Zahrawi contributed early descriptions of neurosurgical diagnoses and

treatment including management of head injuries, skull fractures and spinal injuries.

Answer:_____

Oxford Secondary Science-1 Date: 10 th July, 2021			Grade: 6 th Day: Saturday
Unit 02: Senses and sense org	an		
Topic: Objective type (work b	ook)		
Learning Objectives: Students	will be able to give	logical and conceptual answ	er any asked
question			
Question 01 Fi	ll in the blanks		
• Human skin has nerve ending se	ensitive to	, pressure, pain, and temperatu	re. (touch)
Sensory nerve endings are called (receptors)			
• Most touch and pressure reception	tors are concentrated i	in the skin of the	_and fingertips.
(tongue)			
• Touch and pressure receptors d	etect the	of object. (texture)	
Touch receptors are also attached to the roots of (hairs)			
•act as the warning signal. (pain)			
There are separate heat and receptors in the skin. (cold)			
Pain receptors tell the that something is wrong with the body. (brain)			
• Pain receptors are also found in	side the body in most	and tissues. (organs	\$)
Receptors receive the		from the outside world. (signals	and stimuli)
Question 02	Match the colum	ı	
Match the organs with the respective senses			
Organ	Sonsos		

Organ	Senses
Tongue	Sense of touch, detect, heat, cold, pain
Nose	Sense of hearing
Skin	Sense of taste
Eyes	Sense of smell
Ears	Sense of sight

Answer:

Organ	Senses
Tongue	Sense of taste

Parent's sign: _____

Oxford Secondary Science-1		Grade: 6 th
Nose	Sense of smell	
Skin	Sense of touch, detect, heat, cold, pain	
Eyes	Sense of sight	
Ears	Sense of hearing	

Oxford Secondary Science-1 Date: 12th July, 2021

Grade: 6th Day: Monday

Unit 02: Senses and sense organ

Topic: Diagrams

Oxford Secondary Science-1 Date: 13th July, 2021

Unit 02: Senses and sense organ

Topic: Exercise (Answer/Question)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Write answers of the following questions on the lines below

Q1.If you were blindfolded and given a number of different objects to handle, what could you tell about

them using only the sensitivity of your fingers?

Answer: Their shape, texture, and whether they feel warm or cold

Answer:_____

Q2. A few people are born without a sense of pain. Explain how this might put their health and their lives

at risk.

Answer: People born without a sense of pain might be unaware of an injury or illness, and so not seek first aid or treatment.

Answer:____

Q3.Apart from the cells which detect chemicals, what other types of sensitive cells (or receptors) must be present on the tongue?

Answer: Sensitive cells which detect pressure, temperature, pain, and the sense of touch must also be

present on the tongue.

Answer:_____

Q4. What is the difference between taste, smell, and flavor?

Answer:

• Taste is a sense detected by chemo receptors on taste buds on the tongue.

Parent's sign: _____

- Smell is detected by the olfactory organ (organ of smell) in the nose.
- Flavour is a mingled sensation of smell and taste given off by foods.

Answer:_____

Q5. When you have a head cold, the lining of your nasal cavity is coated with a layer of mucus. Explain why a head cold affects your sense of smell.

Answer: The senses of smell and taste are linked, so that a head cold affects your sense of smell and also the way your food tastes.

Answer:_____

Q6. The following are descriptions of parts of the eye. Can you name each of the parts described? Answer:

•	The colored part of the eye	iris
•	Gets bigger in dim light, and gets smaller in bright light	pupil
•	A transparent layer in front of the eyeball	cornea
•	Changes shape during focusing	lens
•	A hole in the iris	pupil
•	Hold the lens in place	suspensory ligaments
•	A layer of light-sensitive cells	retina
•	A nerve connecting the eye to the brain	optic nerve

Answer:

The colored part of the eye	
Gets bigger in dim light, and gets smaller in bright light	
A transparent layer in front of the eyeball	

Parent's sign: _____

Oxford Secondary Science-1	Grade: 6 th
Changes shape during focusing	
A hole in the iris	
Hold the lens in place	
A layer of light-sensitive cells	
A nerve connecting the eye to the brain	

Q7. Many people over the age of 50 have to wear spectacles for reading. What sort of lenses will these spectacles have? Explain your answer.

Answer: In long-sighted people:

- Light from a near object is brought into focus behind the retina.
- This defect of vision is corrected by wearing converging or convex lenses which
- Focus the image onto the retina.

Answer:_____

Q8. What is the difference between short-sightedness and long-sightedness? What causes these defects of vision and how are they corrected?

Answer:

Short-sightedness:

- 1. In short sightedness eye ball becomes long
- 2. Image is formed in-front of the retina.
- 3. It is corrected by wearing diverging or concave lens

Long sightedness:

- 1. In long sightedness eye ball becomes short.
- 2. Image is formed behind the retina.
- 3. It is corrected by wearing converging or convex lens

Answer:

Oxford Secondary Science-1	Grade: 6 th	
9. How is the eye like a camera or camcorder? How is it different?		
Answer:		
Similarities:		
The eye is like a camera or camcorder in a way that:		
It has a lens		
A light-sensitive screen (the retina)		
A means of regulating the amount of light reaching the retina (the iris).		
Differences:		
The eye is different because		
A camera or camcorder focuses image by moving the lens nearer or further awa	y from the film or sensor	
while the lens of the eye is able to change shape to focus on near or distant obje	ects.	
nswer:		

Q10. In your own words, describe how the ears turn sound waves into nerve impulses?

Answer: 1. Sound waves are collected by the funnel-shaped pinna of the ear.

Parent's sign: _____

2. These sound waves pass down to the ear drum and make it vibrate.

3. Behind the ear drum is a chain of three small bones, called the hammer, anvil, and stirrup.

4. When the ear drum vibrates, the three small bones move. This causes vibrations to pass along a tube called the cochlea.

5: As vibrations move along the fluid-filled cochlea. This stimulates the nerve endings into sending

nerve impulses along the auditory nerve to the brain, where they are interpreted as sounds.

Answer:_____

Q11. Why would it be dangerous for someone with faulty semicircular canals to ride a bicycle?

Answer: It would be dangerous for someone with faulty semicircular canals to ride a bicycle because it is in

the semicircular canals where the sense of balance is located

Answer:_____

Oxford Secondary Science-1 Date: 14 th July, 2021		Grade: 6 th Day: Wednesday		
Unit 02: Senses and se	Unit 02: Senses and sense organs			
Assessment		/20		
Question 01	Encircle the correct option	/5		
• A man with a heavy c	old finds his food does not taste because:			
(e) The cold germs kill the	e taste of the food			
(f) The cold germs numb	the taste buds			
(g) His blocked nose cuts	out his sense of smell			
(h) He has lost his appetit	h) He has lost his appetite			
• The three tiny bones i	The three tiny bones in the middle ear are there to:			
(e) Stop the eardrum from	e) Stop the eardrum from collapsing			
(f) Transmit sound vibrat) Transmit sound vibrations			
(g) Transmit the sense of	g) Transmit the sense of balance			
(h) Stop the ear from vibr	h) Stop the ear from vibrating too much			
• The four basic tastes t	o which your tongue is sensitive are:			
(c) Sweet, sour, salt, and	bitter (c) sweet, sour, salt, and pepper			
(d) Acid, sour, salt, and bi	tter (d) sweet, sour, salt and creamy			
• Which part of the eye	Which part of the eye carries nerve impulses to the brain?			
(c) Blind spot	(c) optic nerve			
(d) Rodes	(d) cones			
• What is the function of	of the pupil:			
(c) Allows the light into ev	ye (c) clear the image			
(d) Change the shape of t	he lens (d) carries nerve impulse to the brain			
Question 02 Di	raw and label the diagram of eye	/5		

Grade: 6th

Question 03	Match the column	/5
Match the organs with	the respective senses	
Organ	Senses	
Tongue	Sense of touch, detect, heat, o	old, pain
Nose	Sense of hearing	
Skin	Sense of taste	
Eyes	Sense of smell	
Ears	Sense of sight	
Question 04 Write the 1) What is the difference	answer of the following question between short-sightedness and long-sighted	/5 Iness? What causes these defects of
vision and how are the	ey corrected? /3	3
Answer [.]		
Answer		
2) When you have a head	l cold. the lining of your nasal cavity is coate	d with a laver of mucus. Explain why
head cold affects your	sense of smell.	/2
Answer:		
		Parent's sign:

Oxford Secondary Science-1 Date: 14th July, 2021

Unit 03: Photosynthesis and respiration in plants

Topic: Objective type (workbook)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Question 01: Choose the correct option

• The raw materials for photosynthesis are:

(A) Nitrogen and water (B) nitrogen and carbon dioxide

(C)Carbon dioxide and water (D) carbon dioxide and oxygen

• The products of photosynthesis are:

(A) Carbon dioxide and oxygen (B) carbon dioxide and glucose

(C) Glucose and oxygen (D) starch and carbon dioxide

• The energy for carrying out photosynthesis is obtained from:

(A)Chlorophyll (B) oxygen (C) sunlight (D) carbon dioxide

• Green plants produce carbon dioxide:

(A) only at night (B) only during the day (C) all the time (D) none of the time

• Many plants change the glucose produced during photosynthesis in to:

a)starch b)carbon dioxide c)fats d)mineral salts

• A leaf is tested for the presence of starch. When is most starch likely to be present?

a)after rain b)first thing in the morning

c)after several hours of darkness d)after a long sunny day

• The product of respiration are:

a)carbon dioxide and starch b)carbon dioxide, water, and energy

c) oxygen and carbon dioxide d) oxygen, carbon dioxide, and energy

Oxford Secondary Science-1 Date: 15th July, 2021 Grade: 6th Day: Thursday

Unit 03: Photosynthesis and respiration in plants

Topic: Objective type

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Activity: Ibn al-Baitar

Web link: <u>https://www.encyclopedia.com/science/encyclopedias-almanacs-transcripts-and-maps/ibn-al-baitar</u>

Figure 2. Ibn Al-Baitar's Kitab

Arab botanist and pharmacist whose works included botanical and pharmaceutical encyclopedias. Ibn al-Baitar spent his early career in Spain where he collected a number of herbs and medicinal plants. His Kitab al-jami fi al-adwiya al-mufrada, which remained in wide use until the late eighteenth century, discusses some 1,400 medicinal plants, more than 200 of which had not been previously identified. Kitab al-mlughni fi al-adwiya almufrada, his other major work, discusses a variety of drugs and their specific application to a variety of ailments.

Question 01: Who was the Ibn al Baitar?

Grade: 6th

Answer: Ibn al Baitar was an Arab botanist and pharmacist whose works included botanical and

pharmaceutical encyclopedia

Answer:_____

Question 02: What was the working of Ibn al Baitar?

Answer: Ibn al-Baitar spent his early career in Spain where he collected a number of herbs and medicinal plants. His Kitab al-jami fi al-adwiya al-mufrada, which remained in wide use until the late eighteenth century, discusses some 1,400 medicinal plants, more than 200 of which had not been previously identified. Kitab al-mlughni fi al-adwiya almufrada, his other major work, discusses a variety of drugs and their specific application to a variety of ailments

Answer:_____

Oxford Secondary Science-1 Date: 16 th July, 2021	Grade: 6 th Day: Friday		
Unit 03: Photosynthesis and respiration in plants			
Topic: Objective type			
Learning Objectives: Students will be able to give logical and conceptual answer any asked			
question			
Question 01 Fill in the blanks			
Green plants make their own food by using a process called (photosy	ynthesis)		
The waste product of photosynthesis is (Oxygen)			
• The organelle in a leaf which is responsible for photosynthesis is called	(chloroplast)		
The green pigment present in chloroplast is called (chlorophyll)			
Increasing the amount of carbon dioxide in the air increases both the rate of photosynthesis and			
of the plant. (growth)			
The best temperature for photosynthesis is (30C)			
• The light there is, the faster the rate of photosynthesis. (more)			

Question 02 Match the column

Match the product with respective processes

Photosynthesis	Energy
	Water
Respiration	Glucose
	Oxygen
	Carbon dioxide

Answer:

Photosynthesis: Glucose + Oxygen

Respiration: Carbon dioxide+ water+ energy

Oxford Secondary Science-1 Date: 17th July, 2021 Grade: 6th Day: Saturday

Unit 03: Photosynthesis and respiration in plants

Topic: Diagram

Activity: Diagrams

Draw and label the diagram for the process of Photosynthesis:

Unit 03: Photosynthesis and respiration in plants

Topic: Exercise (Answer/Question)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

1) What is the main difference between animals and plants in the way they obtain their food?

Answer: The main difference between plants and animals in the way they obtain their food is that plants make their own food from simple raw materials (carbon dioxide and water) during the process of photosynthesis. Animals need ready-made food and obtain it by eating plants, or by eating animals

Answer:

2) What substances must a plant take in, in order to photosynthesis? Where do these substances come from?

Answer: The two raw materials for photosynthesis are carbon dioxide gas from the air and water from the soil.

Answer:___

3) What is the name of the chemical process that provides a plant with the energy to carry out all its living activities? When does this process occur?

Answer: The chemical process that provides a plant with its energy is respiration. This process occurs all the time, by night and by day.

Answer:_____

4) Why is it an advantage for most leaves to be broad and thin?

Answer: It is an advantage for the leaves to be broad, so that they expose maximum area to the sunlight

needed for photosynthesis. It is an advantage for the leaves to be thin, so that the sunlight can penetrate in to Parent's sign: _____

Ox the	ford Secondary Science-1 Grade: 6 th Grade: 6 th
An	swer:
5)	Why does photosynthesis usually stop at night or in very cold weather?
An	swer: 1) Photosynthesis usually stops at night, because light is necessary for it.
2)	It stops in very cold weather because the enzymes responsible for photosynthesis will only carry out their
	chemical reactions between certain temperatures.
An	swer:
6)	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer.
6) Ar	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. hswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration
6)	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. hswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration s occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a
6)	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. Inswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration as occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a se where the amount of oxygen given out exceeded the amount being used by the leaf for respiration
6) Ar wa rat An	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. Inswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration is occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a where the amount of oxygen given out exceeded the amount being used by the leaf for respiration swer:
6) Arr wa rat An	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. Inswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration s occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a e where the amount of oxygen given out exceeded the amount being used by the leaf for respiration swer:
6) Ar wa rat An 7)	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. Inswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration is occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a e where the amount of oxygen given out exceeded the amount being used by the leaf for respiration swer:
6) Ar wa rat An 7)	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. Inswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration is occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a e where the amount of oxygen given out exceeded the amount being used by the leaf for respiration swer:
6) Ar wa rat An 7) An by	A scientist carried out some measurements on a leaf. She found that leaf was giving out carbon dioxide and taking in oxygen. Does this prove that the leaf was not carrying out photosynthesis? Explain your answer. Inswer: The leaf in the experiment may have been photosynthesizing but at a slower rate than respiration is occurring. The temperature or amount of light may have been too low for photosynthesis to occur at a e where the amount of oxygen given out exceeded the amount being used by the leaf for respiration swer:

Parent's sign: _____

Oxford Secondary Science-1 Date: 20 th July, 2021		Grade: 6 th Day: Tuesday
Unit 03: Photosynthesis and respiration	in plants	
Assessment		/20
Question 01 Encircle the corr	ect option	/5
• The raw materials for photosynthesis are:		
(A) Nitrogen and water (B) nitrogen an	nd carbon dioxide	
(C)Carbon dioxide and water (D) carbon diox	kide and oxygen	
• The products of photosynthesis are:		
(A) Carbon dioxide and oxygen (B) carbon dic	oxide and glucose	
(C) Glucose and oxygen (D) starch and carbo	n dioxide	
• The energy for carrying out photosynthesi	s is obtained from:	
(A)Chlorophyll (B) oxygen (C) sunlig	ht (D) carbon dioxide	
• Green plants produce carbon dioxide:		
(a) only at night (B) only during the day (C) all	the time (D) none of the time	
• Many plants change the glucose produced	during photosynthesis in to:	
a) starch b)carbon dioxide c)fats d)mine	eral salts	
Question 02 Fill in the bla	nks	/5
• Green plants make their own food by using a	a process called	
• The waste product of photosynthesis is		
• The organelle in a leaf which is responsible f	for photosynthesis is called	
• The green pigment present in chloroplast is	called	
• Increasing the amount of carbon dioxide in t	the air increases both the rate of photosyr	nthesis and
of the plant.		
Question 03 Match the col	lumn	/5
Match the product with respective proc	esses	
Photosynthesis	Energy	
	1	
	Parent's sign:	
	U	

Oxford Secondary Science-1		Grade: 6 th
	Water	
Respiration	Glucose	
•	Oxygen	
	Carbon dioxide	
Question 04 Write the ar	nswers of the following question	/5
1) Why does photosynthesis usually	y stop at night or in very cold weather?	/3
Answor		
Inswer:		
What substances must a plant ta	ike in, in order to photosynthesis? Where do th	nese substances come
from?	/2	
Answer:		

Oxford Secondary Science-1 Unit 04: Living thing and the environment

Oxford Secondary Science-1 Date: 24th July, 2021

Unit 04: Living thing and the environment

Topic: Objective type (workbook)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Question 01 Choose the best option

- All the plants and animals living in one place, such as a park, make up a:
 - a) Habitat b) ecosystem c) collection d) community
- Everything around a living thing that affect its way of life is called its:
 - *a*) Environment b) home c) habitat d) community
- Which of the following does not form part of the physical environment of a living thing:
- a) Climate b) soil c) plant life d) light
- Because plants are almost the only living things in the world which can make their own food, they are often called:
- *a)* Eater **b**) producers **c**) consumers **d**) scavengers
- Animals which eat plant food are called :
- *a)* Primary consumers c) Scavengers
- b) secondary consumers d) carnivores
- The main decomposers which bring about the decay of dead organisms are :
- *a*) Green plants c) bacteria and fungi
- *b)* Parasites d) fungi and invertebrates
- Bacteria and fungi in an ecosystem:
- a) Return energy to the plant
- b) Use up the nutrients in the ecosystem
- c) Use up carbon dioxide
- d) Release nutrients from dead plants and animals
- A lichen, which consists of a fungus and an alga living together for the benefit of both, is an example of:
- *a*) Community living **b**) mutualism c) parasitism d) decomposition
- A plant or animals which lives at the expense of another living thing is a :
- *a)* Carnivore b) producer c) parasite d) insect

Oxford Secondary Science-1 Date: 26th July, 2021 Grade: 6th Day: Monday

Unit 04: Living thing and the environment

Topic: Objective type

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Activity: Louis Pasteur

Web link: https://www.britannica.com/biography/Louis-Pasteur

Louis Pasteur was born in France. He was a French chemist and microbiologist who was one of the most important founders of medical microbiology. Pasteur's contributions to science, technology, and medicine are nearly without precedent. He pioneered the study of molecular asymmetry; discovered that microorganisms cause fermentation and disease; originated the process of pasteurization; saved the beer, wine, and silk industries in France; and developed vaccines against anthrax and rabies. He gave the Germ theory of fermentation.

Question 01: Who was Louis Pasteur?

Answer: He was a French chemist and microbiologist who was one of the most important founders of medical microbiology.

Answer:_____

Oxford Secondary Science-1 Question 02: What was the contribution of Louis Pasteur?

Answer: Pasteur's contributions to science, technology, and medicine are nearly without precedent. He pioneered the study of molecular asymmetry; discovered that microorganisms cause fermentation and disease; originated the process of pasteurization; saved the beer, wine, and silk industries in France; and developed vaccines against anthrax and rabies. He gave the Germ theory of fermentation.

Answer:_____

Oxford Secondary Science-1 Date: 27 th July, 2021		Grade: 6 th Day: Tuesday
Unit 04: Living thing and the environment	t	
Topic: Objective type		
Learning Objectives: Students will be able	to give logical and conceptual answe	r any asked
question		
Question 1Fill• All the plants and living in one place• A of plants and animals and the	in the blank e make up a community. (animals) eir physical or non living environment make	up an ecosystem.
(community)		
The living part of the park is called	(biotic environment)	
• An aquarium, a rotting log, an orchard, a dese	ert, and a rainforest are (ecosy	stem)
• Theis everything around an org	anism which affects its way of life. (environ	ment)
• Fungi, bacteria and other microscopically sma	all living things are called (pro	tists)
• Most protists are celled organisms.	(single)	
• A is the natural home of a living	g organism. (habitat)	
• Giant pandas live in the of centra	al China. (mountains)	
• Microscopically small animal amoeba lives in	habitat. (small)	
Plants need light for the process of	(photosynthesis)	
Mosses and ferns live in shade of	(trees)	
Sandy soil is well-drained and dry than	soil. (clay)	
Question 02: Match the o	column	

Match the physical environment with respective area

Desert	Low rain fall
	High rain fall
	Temperature high during day
	High all the time
Tropical rain forest	High rain fall

Parent's sign: _____

Oxford Secondary Science-1		Grade: 6 th
	Low rain fall	
	Animal active in day and night	
	Few animals active in night which shelter in burrows	
Answer:		
Desert	Low rain fall	
	Temperature high during day	
	Few animals active in night which shelter in burrows	
	Little humus in soil	
Tropical rain forest	High rain fall	
	High all the time	
	Animal active in day and night	
	Thick layer of humus in the soil	

Date: 28th July, 2021

Unit 04: Living Things and the environment

Topic: Exercise (Answer/Question)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Q1. What is the difference between a community, a habitat, and an ecosystem?

Answer: **Community**: A community is all the plants and animals living within a defined area. **Habitat**: A habitat is the place in which an organism or a community of organisms lives. **Ecosystem**: An ecosystem is a biological community and the physical environment associated with it.

Answer:_____

Q2. What is the biotic environment?

Answer: The biotic environment is the living things and their activities which affect the environment in which they live.

Answer:_____

Q3. How might animals depend upon plants, including trees, even if they do not eat those plants? Explain your answer.

Answer: Animals that do not eat plants might depend upon trees and other plants for shelter, protection,

nest sites and, of course, the oxygen they breathe.

Answer:_____

Q4. What kind of things make up the physical environment of a living organism?

Answer: The things which make up the abiotic or physical environment of an organism include climatic factors,

such as sunlight, rainfall, temperature, water and carbon dioxide etc.

Answer:_____

Parent's sign: _____

Grade: 6th

Day: Wednesday

Oxford Secondary Science-1 Grade: 6th Q5. Do human beings have the greatest effect on the physical environment or the biotic environment of organisms? Explain your answer.

Answer: Humans have the biggest effect on the biotic environment, because of hunting, the destruction of habitats, the effects of pollution, and the use of chemical pesticides to control weeds, pests, and diseases. Even when human activities affect the abiotic environment, this still has an impact on the plants, animals, and other organisms living in an ecosystem.

Answer:_____

Oxford Secondary Science-1 Date: 29th July, 2021

Unit 04: Living Things and the environment

Topic: Exercise (Answer/Question)

Learning Objectives: Students will be able to give logical and conceptual answer any asked question

Q6. A camel has long eyelashes, a hump containing fat, and large padded feet. It can go for five days without drinking. It can then drink up to 130 Litres of water in ten minutes. A camel also produces little sweat or urine. Describe how these features help a camel to survive in the desert.

Answer:

- **Eyelashes**: It protects the eyes from wind-blown dust and sand.
- > Hump: It contains fat which can be used during respiration to produce energy and water.
- > Padded feet: Its padded feet spread its weight so that it does not sink into the sand.
- Sweat and urine: It produces little sweat or urine, so it does not lose much water by excretion.
- Water consumption: The camel's rapid and large consumption of water, when available, allows it to travel long distances between drinks.

Answer:

Q7. Make a table with six columns with the following headings: producers, primary consumers, secondary consumers, parasites, scavengers, and decomposers. Write the names of these organisms in the correct column: cow, buttercup plant, lion, bread mould (a kind of fungus), lettuce, earthworm, flea, caterpillar, tapeworm, crow, mushroom, fox, leech. Choose some more organisms to add to the lists.

Answer:

producers	primary	secondary	parasites	scavengers	decompose	rs
	consumers	consumers				
buttercup plant	cow caterpillar	lion	Flea	crow	bread	mould
lettuce		fox	Tapeworm		mushroom	
				Parent's sign:		

Oxford Secon	dary Science-1			Grade: 6 th
			leech	earthworm
nswer:	·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Q8. How are th	ne teeth and oth	er body parts	of a herbivore adapted, or	suited, to its diet? How is a carnivo
dapted to its	diet?			
Inswer:				
1. Herbivore	: The teeth of a l	nerbivore are a	dapted for eating plants es	pecially grass.
ncisor Teeth:	The incisor teeth	have chisel-sh	aped edges for cutting gras	ss and other plants.
Molars and Pre	e-molars: These	have flat surfac	ces with ridges for grinding	food.
Canine: These	are absent or ve	ry small.		
he herbivores	have long diges	tive system for	the digestions of food.	
2. Carnivore	s : The teeth of ca	arnivores are a	dapted to catching and eat	ing other animals.
Incisor Teeth:	The incisors tee	th are used for	cutting flesh.	
Canines: Thes	e are used to pie	erce the prey w	then it is captured.	
Premolars an	d molars: These	are used for sh	nearing flesh from bones.	
The carnivore	s have short dige	estive system fo	or the digestions of food.	
Answer:				
			· · · · · · · · · · · · · · · · · · ·	
			· · · · · · · · · · · · · · · · · · ·	
				Darant's sign:

Oxford Secondary Sci	ence-1	Grade: 6 th
Q9. In general, why we	ould you expect a carnivore to be:	
a) camouflaged	b) larger than a herbivore	
Answer: a. Carnivores a	are camouflaged so that they can approach their prey v	vithout being seen.
b. Most carnivores are l	arger than their prey, so that they can easily overwhel	m it.
Answer:		
Q10. Why are herbivor	ous animals generally poor fighters, and better at def	ense than attack?
Answer: Herbivorous an	nimals are generally poor fighters because their bodies	are quite large and most of
them lack the sharp tee	th and claws. However many herbivores are camouflag	ged and can run fast over short
distances.		
Answer:		
	······	

Unit 04: Living Things and the environment

Topic: Exercise (Answer/Question)

Learning Objectives: Students will be able to give logical and conceptual answer any asked

question

Q11. Why do carnivores usually live on their own, yet herbivores live in groups such as flocks and herds?

Answer: 1. Most carnivores live on their own so that they can use stealth to approach their prey.

2.Many herbivores live in groups, because there are then many eyes and ears to keep alert for approaching danger.

Answer:

Q12. When a beef tapeworm is living in the human gut, how does the tapeworm benefit and how does the human suffer?

Answer: A tapeworm living in the human gut is protected from changes to its environment and it receives already-digested food. Victim of tapeworm suffer a loss of appetite, abdominal pains, loss of weight, nausea, and dizziness. The tapeworm's head may tear the wall of the intestine, causing wounds that can be infected with bacteria.

Answer:_____

Q13. Suggest some ways in which the infection of humans by beef tapeworms can be stopped.

Answer: 1. Dispose off sewage safely so that the eggs do not contaminate the food and drink of cattle.

2. Proper cooking of beef will kill parasite.

3. All types of tapeworm infections can be treated with a drug called quinacrine.

Answer:_____

Q14. Does a parasite have any special problems not usually met with by other plants and animals? Explain your answer.

Answer: The biggest problem a parasite has is in finding the correct host plant or animal. This is because most parasites have evolved to only feed on one special type of host plant or animal.

Answer:_____

Q15. What would happen if all the bacteria on this planet suddenly died?

Answer: 1. If all the bacteria on Earth suddenly died, there would be no more bacterial diseases such as

tuberculosis, leprosy, cholera, typhoid fever etc.

2. Without bacteria the bodies of dead plants and animals would accumulate rapidly.

3. Bacteria also play a part in digesting food, particularly in the guts of herbivores and omnivores.

4. Bacteria can also be used to ripen cheese, produce vinegar and yogurt.

5. Bacteria living on the roots of certain plants fix nitrogen from the air and increase soil fertility.

Answer:_____

Q16. When bees and other nectar-seeking insects visit flowers, how do the insects benefit? How do the flowers benefit?

Answer: The insects benefit by the food in the form of nectar and pollen. The flowers benefit by being cross-pollinated with the pollen from another flower of the same kind.

Answer:_____

Oxford Secondary Science-1 Date: 31 st July, 2021		Grade: 6 th Day: Saturday
Unit 04: Living thing and the	e environment	
	Assessment	/20
Question 01	Encircle the correct option	/5
• Everything around a living th	ing that affect its way of life is called its:	
a) Environment b) home c) habi	tat d) community	
• Which of the following does	not form part of the physical environment of a living thing	5.
a) Climate b) soil c) plant life d)	light	
Because plants are almost th	e only living things in the world which can make their own	n food, they are
often called:		
a) Eater b) producers c) consum	ers d) scavengers	
• The main decomposers whic	h bring about the decay of dead organisms are :	
a) Green plants c) bacter	ia and fungi	
b) Parasites d) fungi a	and invertebrates	
• Bacteria and fungi in an ecos	ystem:	
a) Return energy to the plant		
b) Use up the nutrients in the e	ecosystem	
c) Use up carbon dioxide		
d) Release nutrients from dead	plants and animals	
Question 02	Fill in the blanks	/5
• A of plants and	animals and their physical or non living environment make	up an ecosystem.
• The living part of the park is o	alled	
• An aquarium, a rotting log, ar	n orchard, a desert, and a rainforest are	
Theis everythin	g around an organism which affects its way of life.	
• Fungi, bacteria and other mic	roscopically small living things are called	
Question 03	Match the column	/5
Match the physical environ	ment with respective area	
Desert	Low rain fall	
L	Parent's sign:	J

		Grade: 6
	High rain fall	
	Temperature high during day	
	High all the time	
Fropical rain forest	High rain fall	
	Low rain fall	
	Animal active in day and night	
	Few animals active in night which shelter in	burrows
Question 04 Write the a	answer of the following question which the infection of humans by beef tapeworms	/5 can be stopped. /3
Answer:		
2) When bees and other n flowers benefit? Answer:	ectar-seeking insects visit flowers, how do the insectar-seeking insects visit flowers, how do the insectar-seeking insects visit flowers, how do the insectar sectar sect	ects benefit? How do the /2
2) When bees and other n flowers benefit? Answer:	ectar-seeking insects visit flowers, how do the insectar-seeking insects visit flowers, how do the insectar-	ects benefit? How do the /2
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2) When bees and other n flowers benefit? Answer:	ectar-seeking insects visit flowers, how do the inse	ects benefit? How do the /2
2) When bees and other n flowers benefit? Answer:	ectar-seeking insects visit flowers, how do the inse	ects benefit? How do the /2
2) When bees and other n flowers benefit? Answer:	ectar-seeking insects visit flowers, how do the inse	ects benefit? How do the /2
2) When bees and other n flowers benefit? Answer:	ectar-seeking insects visit flowers, how do the insector in th	ects benefit? How do the /2