

Introduction to Botany

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Lecture 2

Outline

- 1 Intro test
 - Multiple choice questions
 - Comments to introductory test

- 2 Importance of Plants
 - Class discussion

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- 2 Importance of Plants
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Help in greenhouse?

Volunteers to help on Friday, August 31st, 3pm?

Intro test

Multiple choice questions

Question 1

- 1 Why do deciduous plants drop their leaves?
- ☐ A To prevent freezing
 - ☐ B To prevent drying
 - ☐ C To get rid of poisonous chemicals

Question 2

2 Where does human digestion process start?

- ☒ A In the mouth
- ☐ B In the intestines
- ☐ C In the stomach

Question 3

3 Which birds do NOT live in Minot on winter?

- ☐ A Crows
- ☐ B Hummingbirds
- ☐ C Sparrows

Question 4

4 Home country of watermelon:

- ☐ A Central America
- ☐ B Canada
- ☐ C South Africa

Question 5

- 5 Why do insectivorous plants eat insects?
- ☐ A To obtain the lacking mineral resources
 - ☐ B To get an addition to their common “menu”
 - ☐ C To get rid of herbivores

Question 6

6 Which insects have no queen?

- ☐ A Bumblebees
- ☐ B Ants
- ☐ C Cockroaches

Question 7

7 Oak tree is pollinated by:

- ☒ A Wind
- ☐ B Bees
- ☐ C Flies

Question 8

8 Spider has:

- ☐ A 6 legs
- ☐ B 8 legs
- ☐ C 4 legs

Question 9

9 Apple flower has:

- ☐ A 5 petals
- ☐ B 4 petals
- ☐ C 3 petals

Question 10

10 Frightened man has:

- ☐ A Bigger pupils
- ☐ B Smaller pupils
- ☐ C Normal pupils

Question 11

11 Polar bears are not eating penguins because:

- ☐ A Penguins run very fast
- ☐ B They cannot meet
- ☐ C Penguins are poisonous for bears

Question 12

12 How many toes are on each of cat's hind legs?

- ☐ A 5
- ☐ B 4
- ☐ C 3

Question 13

13 Pineapple is a:

- ☒ A Tree
- ☐ B Shrub
- ☐ C Herb

Question 14

14 If somebody has an artery cut on the arm or leg, it is recommended:

- ☐ A Put a tight bandage below the cut
- ☐ B Put a tight bandage above the cut
- ☐ C Do nothing

Question 15

15 Which of the following is the most precise statement?

- ☐ A We are breathing to support our life
- ☐ B We are breathing to obtain the energy from food
- ☐ C We are breathing to have enough strength for food consuming

Question 16

16 Which tree is better to plant in Minot house backyard:

- ☒ A Sycamore
- ☐ B Ash
- ☐ C Yew

Question 17



17 Moles eat:

- ☒ A Worms
- ☐ B Roots
- ☐ C Frogs

Question 18

18 Which fish gives birth to the fully developed offspring?

- ☐ A Sturgeon
- ☐ B Shark
- ☐ C Flounder

Question 19

19 Which human organ lives longer?

- ☐ A Heart
- ☐ B Lungs
- ☐ C Brains

Question 20

20 Which plant normally has a longer root?

- ☐ A Spruce
- ☐ B Chokecherry
- ☐ C Blueberry

The key

1B; 2A; 3B; 4C; 5A; 6C; 7A;
8B; 9A; 10A; 11B; 12B; 13C;
14B; 15B; 16B; 17A; 18B; 19A;
20B

Please calculate a sum (every right answer = 1 virtual point)

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Comments to introductory test

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Amylase and lipase

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Bumblebees

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POLAR BEAR DISTRIBUTION (approx.)

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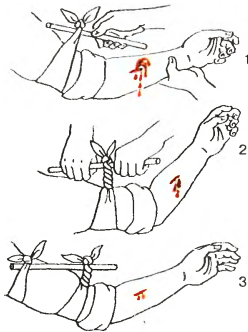
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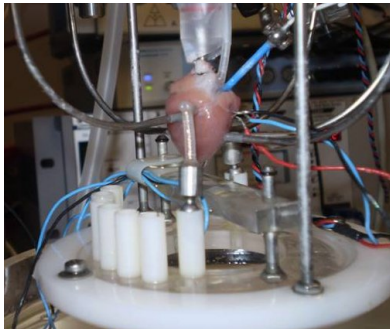
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Fallen spruce tree

Importance of Plants

Class discussion

Importance of plants

Why are plants important?

Final question (1 point)

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Why are plants important?

Summary

- BIOL 154: download (and read!) the syllabus from the Web site (http://ashipunov.info/shipunov/school/biol_154/)
- Plant is not an animal!
- Plants are extremely important, highly diverse and deserve a scientific study

For Further Reading



A. Shipunov.

Introduction to Botany [Electronic resource].

Mode of access:

http://ashipunov.info/shipunov/school/biol_154