

Course No:
Course Title:
Date: 16/03/2017
No. of Questions: (3)
Time: 1hours
Using Calculator (No)

University of Palestine



First Midterm Exam
2016/2017
Total Grade:15

Instructor-Name:Dr.Atalla
AkramAyman Dardona
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

Question One: (5Marks)
Choose the most accurate answer

- 1- The spiciness of black pepper is due to the Phytochemical
A-Manool
B-Pinene
C-Thymol
D -Piperine
- 2- It is a tissue that separates the xylem and phloem and responsible for Stem horizontal growth
A-Cork cells
B-Bark
C-Cambium
D-Pith
- 3- On the surface of the phylloclade the clusters of spines are modified as
A- stem
B- leaves
C-Nodes
D-Internodes
- 4- 4-Clinging roots are seen in orchids, these roots arise from the stem base of which plants .
A-Parasites
B-Epiphytes
C-Thallophytes
D-Bryophytes

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5- The horsetail and ferns are examples for

A-Bryophyta

B-Thallophyta

C-Pteridophyta

D-Coniferophyta

6- An example of the Arachebacteria

A-Diatoms

B-Amoebes

C-Streptococcus

D-Methanobacteria

7- Stoma are part of this tissue

A-Dermal

B-Periderm

C-Ground

D-Meristem

8- Which tissue transports sugar and food down from the leaves to the rest of woody and non-woody plants.

A-Xylem

B-Phloem

C-Vascular cambium

D-Cork cambium

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Using Dictionary (No)

- 9- Which species is used in the extraction of Agar gel
- A-Pencillium
 - B-Aspergillus
 - C-Gelidium
 - D-Chlorella
- 10- Vascular plants that reproduced by seeds found on the cones
- A-Gymnosperms
 - B-Coniferophyta
 - C-Ginkgophyta
 - D-Phanerogams

Question Two:(5Marks)

Write only one difference between each pairs of the followings

- 1- Fixed oils and essential oils.
- 2- Plant cell and animal cell
- 3- Brophyta and Pteridophyta
- 4- Root system and shoot system

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5- Cryptogams and Phanerogams

Question Three:(5Marks)

1- The growing of roots in the direction of gravity means negative geotropism .(0.5 mark)

- A- True
- B- False

2- The xylem are living cells that transports water and dissolved nutrients from the roots up to other parts of the plant.(0.5Mark)

- A-True
- B-False

3- Periderm replaces epidermis and are called bark.(0.5Mark)

- A-True
- B-False

4- Name the reproductive parts of the shoot?(1.5 Mark)

5- Name one example for the plant unorganised drugs?(0.5Mark)

6- What is the function of Guard cells in the plant?(0.5 Mark)

7- Which organ of the plant contains all of the genetic information needed to develop into an entire plant (0.5Mark)?

8- Essential oils in the *Mentha* sp is due to the active phytochemical(0.5Mark)

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End of Questions, Good Luck