



Final Examination – 2nd Semester – Trial (2023-2024)

Q1// Choose the correct answer:

(10 Marks)

1-The venation pattern in which one main vein extends from the base to the top leaf.

- A) Pinnate B) Palmate C) Parallel D) Midrib

2-Which of the following does NOT regard as a primary factor affecting the rate of photosynthesis:

- A) Sunlight B) Water C) Temperature D) Carbon dioxide

3-Roots that develop from any part of the plant except the radicle are known as:

- A) Tap roots B) Aquatic roots C) Root hairs D) Adventitious roots

4-A flower that has only stamen or carpels is called;

- A) Complete flower B) Incomplete flower C) Perfect flower D) Imperfect flower

5-When the male & female are on the same plant it's called:

- A) Dioecious plant B) Monoecious plant C) Aquatic plant D) pollination

6-The fruit that is derived from a single ovary of a flower is called:

- A) Multiple fruit B) Aggregate fruit C) Carpels D) Simple fruit

7-The name of the parenchyma cells found in the center of the root and stem is;

- A) Cortex B) Pith C) Vascular bundle D) Pericycle

8-The process of removing excess water from plants into the atmosphere as water vapor is known as;

- A) Photosynthesis B) Transpiration C) Gas exchange D) Guttation

9-A leaf with petiole is called.

- A) Stipulated leaf B) Sessile leaf C) Stalked leaf D) Compound leaf

10-The following structures are types of underground stem EXCEPT:

- A) Rhizome roots B) Climbing roots C) Tuber roots D) Corm roots

Q2// Match the following numbers from column (A) to the letters in column (B): (10 Marks)

column (A)	column (B)
1) <i>Ficus SP.</i>	A) Node and internodes
2) Phloem	B) Root hair
3) Zone of maturation	C) Axillary buds
4) Motor cells	D) Leaflets
5) Spines	E) Monocotyledon leaves
6) Compound leaf	F) Multiple fruit
7) Lateral buds	G) Types of leaves
8) Androecium	H) Xylem & Phloem
9) Vascular bundle	I) Inner vascular system
10) Stem	J) Stamen

Q3//Answer the followings:

(30 Marks)

1-Write the morphological & anatomical adaptation modifications in xerophyte plants?

2-Write the 2 types of symmetry flower.

3-Define the Essential parts of a flower.

4- Write the functions of:

- Meristematic zone of root tip
- Differentiation zone of root tip

5-What are the differences between Racemes & Cymes in fluorescence?

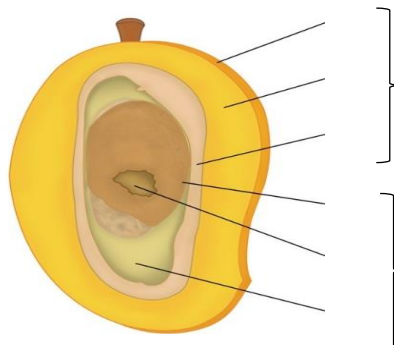
6-Write 3 differences between photosynthesis & respiration process in plants?

7-Count 3 types of leaves with their functions.

8-Write 3 economical & ecological importance of plants

9-Count 3 types of buds in plants.

10-Write the names of labelling parts.



Signature

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