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1. In photosynthesis dark reaction, is called so because-

- A. It occurs in dark.
- B. It does not require light energy.
- C. It cannot occur during daytime.
- D. It occurs more rapidly at night.

Ans: B

2. Rate of photosynthesis does not depend upon:

- A. Quality of light
- B. Intensity of Light
- C. Duration of Light
- D. Temperature

Ans: C

3. For photosynthesis green plants require:

- A. Chlorophyll only
- B. Light
- C. Carbon dioxide and water
- D. All of the above

Ans: D

4. Photosynthesis is a _____ process.

- A. Catabolic
- B. Anabolic
- C. Exothermic
- D. Metabolic

Ans: B

5. Name the pigment which is responsible for absorption of light in plants?

- A. Chlorophyll
- B. Stoma
- C. Xylem
- D. Phloem

Ans: A

6. In bacteria name the colour of light which is responsible for photosynthesis?

- A. Ultra-Violet
- B. Blue
- C. Red
- D. None of the above

Ans: C

7. Quantasomes are found in:

- A. Cristae of mitochondria
- B. Thylakoid membrane of chloroplasts
- C. Nucleus membrane
- D. Lysosome

Ans: B

8. Name the metal present in chlorophyll 'a' and 'b'?

- A. Iron
- B. Copper
- C. Magnesium
- D. Manganese

Ans: C

9. Name the structural unit of photosynthesis?

- A. Thylakoid
- B. Grana
- C. Stroma
- D. Chlorophyll

Ans: A

10. Which of the following statements are true regarding Photosystems?

- A. Photosystems are arrangements of chlorophyll and other pigments packed into thylakoids.
- B. Many Prokaryotes have only one photosystem.
- C. Both A and B are correct.
- D. Only A is correct.

Ans: C