

# TALEEMI DUNYA

## Test Syllabus: Unit # 11

St. Name		Test	Biology	T. Marks	30	Time	60 Min
F. Name		Class	11 <sup>th</sup>	T. Code	U#11	T. Date	

NOTE: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that Question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question. **6.**

1	Van Neil gave hypothesis in:						
(a)	1920	(b)	1930	(c)	1940	(d)	1950
2	Pigment are substance that absorb visible light of wavelength						
(a)	380-750 cm	(b)	340-780 cm	(c)	350-770 cm	(d)	None
3	Chlorophyll absorb mainly:						
(a)	Violet-blue	(b)	Orange-red	(c)	Both	(d)	None
4	First action spectrum was observed in						
(a)	C <sub>20</sub> H <sub>38</sub>	(b)	C <sub>19</sub> H <sub>38</sub>	(c)	C <sub>19</sub> H <sub>40</sub>	(d)	C <sub>20</sub> H <sub>39</sub>
5	First action spectrum was observed in:						
(a)	1983	(b)	1683	(c)	1783	(d)	1883
6	In cyclic phosphorylation, which is produce:						
(a)	NADPH	(b)	O <sub>2</sub>	(c)	ATP	(d)	all

### Q.2 Write short answers of the following questions.

(8x2=16)

1. Define photosynthesis.
2. What is Van Neil hypothesis?
3. Differentiate between absorption and action spectrum.
4. Define photo system.
5. What is carbon fixation?
6. Define glycolysis.
7. Differentiate between alcoholic and lactic acid fermentation.
8. Draw Calvin cycle.

NOTE: Attempt the long questions.

(4+4=8)

3(a) Explain no cyclic Phosphorylation.

(b) Explain electron transport chain.