

BCM SCHOOL BASANT AVENUE, DUGRI LUDHIANA
XI BIOLOGY
ASSIGNMENT ANSWER KEY

1	A
2	D
3	A
4	Chlorophyll 'b': Chlorophyll 'b' xanthophylls and carotenoids are accessory pigments. These absorb light and transfer the energy to chlorophyll 'a'. They enable a wider range of incoming light to be used for photosynthesis. They protect chlorophyll 'a' from the photo-oxidation. Chlorophyll 'a' is known as the primary photosynthetic pigment.
5	Oxidative- in mitochondria, energy liberated during oxidation of food, occurs in all living cells, take place continuously Photophosphorylation- in chloroplast, light energy is used, occurs in green photosynthetic tissues, only in presence of light
6	a) Pancreas, Insulin b) Liver cells
7	Read NCERT topic – Sliding filament theory