

BCM SCHOOL BASANT AVENUE, DUGRI ROAD , LUDHIANA

XII BIOLOGY

ASSIGNMENT

Answer key

S.NO	Answer key and Marking Scheme		
1	c) streptokinase		
2	a) morphine		
3.	d) vaccine for corona virus		
4	c) Directly inject preformed antibodies.		
5	(b) Both assertion and reason are true, but reason is not the correct explanation of assertion.		
6	(c) Assertion is true but reason is false.		
7	A. Antigen binding site B. Light chain C. Heavy chain		
8	(a) <i>Papaver somniferum</i> (b) morphine (c) the drug works as a depressant and slows down body functions.		
9	(a) He observed effects of drug abuse and he should aware about harmful effects of drug abuse and try to keep himself away from it.		
	(b)		
	Drug	Source	Effect
	Cocaine	Erythroxylum coca	Affects central nervous system and interferes with transport of dopamine.

	Opioids/ Heroin/Smack	Latex of Papaver somniferum (poppy plant)	Slows down body functions.	
canabinoids	Cannabis sativa	Affects cardiovascular system		
(c) Awareness can be promoted by organising poster making competitions, street plays, talks by experts and interviews of experts.				
1. (a) Innate Immunity 2. (a) T-cells 3. primary lymphoid organs- bone marrow and thymus secondary lymphoid organs- spleen, lymph nodes, tonsils, Peyer's patches of small intestine.				