BCM SCHOOL BASANT AVENUE, DUGRI ROAD , LUDHIANA

XII BIOLOGY

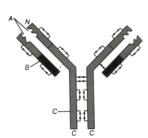
ASSIGNMENT

S.N O	QUESTIONS
1	Which of the following drug does not give relief in allergy?
	a) antihistamine b) adrenalin c) streptokinase d) steroid
2	a) morphine b) cannabinoid c) cocaine d) barbiturate
3.	Which of the following is not an example of Passive immunity?
	a) colostrum b) antivenom for snake bite c) antitoxin for tetanus d) vaccine for corona virus
	Identify quick immune response case? a) Directly inject weakened pathogen at time of emergency. b) Directly inject preformed antigens. c) Directly inject preformed antibodies. d) Directly inject immunosuppressant.
	Directions: In the following questions, a statement of assertion is followed by a statement of reason. Mark the correct choice as:
	(a) Both assertion and reason are true, and reason is the correct explanation of assertion.
	(b) Both assertion and reason are true, but reason is not the correct explanation of assertion.
	(c) Assertion is true but reason is false.
	(d) Assertion is false but reason is true.
5	Assertion: Some antigens present in the environment cause allergy.
	Reason: Drugs like anti-histamine quickly reduce the symptoms of allergy.

6 Assertion: *Erythroxylum coca* is cultivated to obtain drugs.

Reason: Cocaine is obtained from its latex.

7 Lable the A,B, and C in given antibody molecule.



- 8 Observe the image of the plant and answer the following questions.
 - (a) Write its scientific name.
 - (b) Name the drug obtained from the plant.
 - (c) Write the effects of the drug obtained from this plant.
- Sameer has attended a birthday party hosted by one of his classmate. He found some guests at the party sitting in a corner making a lot of noise and consuming 'something'. After a while one of the boy from the group started screaming, behaving abnormally and sweating profusely. On enquiry you found that the group members were taking drugs.
 - (a) What did he observed there in party and what precautions would he take?
 - (b) Prepare a note to be circulated among the schoolmates about the sources and dangers of any two drugs.
 - (c) Write any two ways that you will suggest to your school principal so as to promote awareness among the youth against the use of these drugs.

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Based on the above flow chart answer the following questions:

- 1. Which of the following immunity is present from our birth?
- (a) Innate Immunity (b) Active immunity
- (c) Passive immunity (d) Acquired immunity
- 2. Type of cell responsible for graft rejection / organ transplant failure is.
- (a) T-cells (b)
- (b) B-cells
- (c) Mast cells (d) Both T and B cells
- 3. Give one example each of primary and secondary lymphoid organs.