



### Lesson 3.1 – Epidemiology

#### Activity 5 – Alternative worksheet: applied chains of transmission

		SARS	Hepatitis B
<b>Infectious agent</b>			
<b>Source of microorganisms</b>			
<b>Mean of transmission A</b>	<b>Portal of exit</b> (transmission routes and vehicles for transmission)	Respiratory route: respiratory droplets	Blood-borne route: blood and body fluids
	<b>Mode of transmission</b>	Direct: droplets deposited on _____ membranes	Direct: contaminated _____
	<b>Portal of entry</b> (transmission routes and vehicles for transmission)	Cutaneous and Mucous route: droplets on mucous membranes of _____	Blood-borne route: blood _____
<b>Mean of transmission B</b>	<b>Portal of exit</b> (transmission routes and vehicles for transmission)	Respiratory route: respiratory _____	Cutaneous and mucous route: _____ secretions
	<b>Mode of transmission</b>	Indirect: droplets deposited on inanimated surfaces	Direct: sexual intercourse, perinatal transmission
	<b>Portal of entry</b> (transmission routes and vehicles for transmission)	Cutaneous and Mucous route: hands touch the object and then the mucous of _____	Cutaneous and mucous route: _____ membranes of sexual organs, _____ of newborn
<b>Mean of transmission C</b>	<b>Portal of exit</b> (transmission routes and vehicles for transmission)	Respiratory route: respiratory _____	Blood-borne route: blood and body fluids
	<b>Mode of transmission</b>	Air-borne: droplets on _____	Indirect: objects contaminated by blood or body fluids
	<b>Portal of entry</b> (transmission routes and vehicles for transmission)	Respiratory route: inhalation of droplets	Cutaneous and mucous route: needle _____
<b>Susceptible host</b>		Respiratory illness	Serious liver disease: jaundice, fever, nausea. Possible _____ infection