Health Sciences
Skills Check Unit 9 Grade 12 Advanced

Instructions: Teachers are to select <u>five</u> of the following questions for skills check 1 and insert them into the skills check template. Each question is worth 1 mark. Students must correctly answer <u>all</u> parts of the question, where appropriate, to gain 1 mark. Students who answer 1 or more parts of the question wrong will be awarded 0 marks for that question.

1.	What is the meaning of the prefix 'pharma-' in the word 'pharmacology'?	
	(A)	The study of
	(B)	The use of
	(C)	Diagnosing
	(D)	Drugs

2.	Which principal of pharmacology is the study of what the drug does to the body?	
	(A)	Pharmacokinetics
	(B)	Pharmacodynamics
	(C)	Excipients
	(D)	Absorption

3.	What type of drug is used to treat allergies and reactions to stings?	
	(A)	Painkiller
	(B)	NSAID
	(C)	Antihistamine
	(D)	Antibiotic

4.	List two common side effects of taking antibiotics.
	vomiting and upset stomach

5.		Injections are the most common _____ route of drug administration.
	(A)	parenteral
	(B)	oral
	(C)	topical
	(D)	buccal

6.		Which of the following is an antibiotic?
	(A)	Panadol
	(B)	Paracetamol
	(C)	Metformin
	(D)	Penicillin

7.		What abbreviation is used to identify the intravenous route of drug administration?
	(A)	IV
	(B)	IM
	(C)	EV
	(D)	IS

8.	Calculate the IV rate based on the following formula. Total IV Volume ÷ Time (hours) = ml administered per hour 90ml of fluid to be administered over a period of 3 hours. How much fluid should be administered per hour?
	90 / 3 =30ml per hour

9.	Calculate the number of tablets needed for the following prescription based on the formula given. Prescribed dose ÷ Stock strength = Number of tablets needed Dr Shaima prescribed a 50mg dose of a drug that comes in a stock strength of 25mg. How many tablets should be given to the patient?
	50 / 25 = 2 tablets

10.	Calculate the amount of the solution that should be given to the patient using the following formula. Desired dose ÷ Stock strength x Stock volume = Amount of solution needed Dr Latifa prescribed a 150mg dose of paracetamol solution. The solution is available in 250mg/5ml. How much liquid is needed per dose?
	150 / 250 x 5 = 3ml