Question number	Answer	Notes	Marks
1 (a) (i)	kills/remove bacteria / kill/remove fungi / treat bacteria / fungi infections / eq;	Ignore kill pathogens / microbes Ignore fight bacteria / fungi	1
(ii)	penicillin + methicillin penicillin + mirabilicide methicillin + mirabilicide;	Ignore MRSA	max 1
(b) (i)	1. r ove / kill / reduce bacteria/pathogens; 2. r ove / kill / reduce infection / disease / maggots not infected / eq;	Ignore germs Ignore clean	max 1
(ii)	only digest dead tissue / only eat dead tissue / do not burrow into live flesh / eq;		1
(c)	protease / lipase / amylase / named digestive enzyme;		1
(d)	1. whi blood cell; 2. ph ocyte; 3. in st / engulf / eat; 4. d est / breakdown / enzymes; 5. mphocyte; 6. antib y / antitoxin; 7. antige	phagocytosis = 2	max 4
(e)	longer to work / expensive / eq;		1
(f)	1. variation / some resistant / some not resistant; 2. mu tion / mutates / mutated; 3. s vive(s) / survival / survived / not killed / eq; 4. r roduce / multiply / breed / eq; 5. pass on gene(s) / alleles / eq;	Ignore immune	Max 4
			Total 14 marks