BACHELUK OF PHARMACY HONOURS FMU6207- DRUG DEVELOPMENT- LEVEL 6 FINAL EXAMINATION

DURATION: TWO (02) HOURS

DATE: 13 TH AUGUST 2021	TIME: 02.00 P.M.	TIME: 02.00 P.M. – 04.00 P.M.	
Part B- Short Answer Questions (20 marks)		***************************************	
01.			
1.1 Write two (02) characteristics of a drug target.		(04 marks)	
I)	***************************************		
II)		•••••	
1.2 Write two (02) major drug areas covered in biophar	maceutics.	(04 marks)	
I)	***********************		
II)			
1.3 What is half-life of a drug?		(02 marks)	
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	••••••	•••••	
02.			
2.1 What is lead generation in drug discovery?		(02 marks)	
•••••			

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2.2 Write two (02) categories of nanomaterials giving a	n example for each.	(04 marks)	
I)			
II)	***************************************	-	
2.3 What is physiological screen?		(04 marks)	
•••••			
	•••••		

Part C- Structured Essay Questions (60 marks)			
01.			
1.1 What are biopharmaceuticals?	(04 marks)		
1.2 Write five (05) types of biopharmaceuticals.	(10 marks)		
1.3 List major advantageous in using biopharmaceuticals.	(06 marks)		
1.4 Briefly explain up-stream bioprocess and down-stream bioprocess.			
02.			
2.1 Name three (03) factors assessed in preclinical testing of a new drug.	(06 marks)		
2.2 Briefly explain three (03) characteristics of a typical dose-response curve.	(06 marks)		

2.3 Name six (06) pharmacodynamic parameters measured during the preclinical stage and

explain them briefly.

Index Number

(18 marks)