

NATIONAL OPEN UNIVERSITY OF NIGERIA FACULTY OF SOCIAL SCIENCES DEPARTMENT OF POLITICAL SCIENCE POP EXAMINATION QUESTION 2024 1 EXAMINATION

COURSE CODE: POL 324

COURSE UNIT: 3

COURSE TITLE: POLITICS OF DEVELOPMENT AND

UNDERDEVELOPMENT

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

TIME: 3 HRS

- a. What do you understand by Multinational Corporations?
 b. State five positive impact of Multinational Corporations.
- a. Explain the concept of Globalisation
 b. Discuss the two perspectives of Globalisation
- 3. Give a critical appraisal of underdevelopment in Africa
- Explain with good examples the significance of the dependency theory in analysing underdevelopment in Africa
- Development is the advancement of socio-economic and political spheres of a country. Substantiate this assertion by highlighting five features of developed countries.

(2c)	i. Explain how sqalence expoxide (2,3-oxidosqualence) is produced ii. State four sources of Nerolidol	(2 marks) (4 marks)
QUE	STION THREE	
		(3 marks)
(3a)	i. Draw the structure of quinoline	(2 marks)
	ii. Explain what you understand as gonane	
7222	i. Enumerate the biological importance of sesquiterpenes	(4 marks)
(3b)	ii. Draw the structure of quinidine	(3 marks)
	ii. Draw the structure of quantume	
73.4	i. Describe the core of steroids	(4 marks)
(3c)	i. Describe the core of steroids ii. What is the name given to the derivatives of putrescine, spermidine as	nd spermine?
		(-
	 Quinolizidine derivatives belong to which group of alkaloids with nit 	rogen
8.7	heterocycles?	(2 marks)
QL	ESTION FOUR	
	er in it is a fine of the second of the seco	(2 marks)
(4a) i. Explain how steroids varies	
	ii. Identify the type of alkaloids present in Colchicine, Ziziphin, Sperm	(4 marks)
	and Licoctonine	(2 marks)
	iii. What are pseudalkaloids?	5 50
18	i. Mention two steroids that ignosterol can be converted into?	(2 marks)
(4)	 i. Mention two steroids that hardsteroi can be converted. ii. Write down four (4) examples of β-Phenylethylamine derivatives. 	(4 marks)
	ii. Write down four (4) examples of p 1 mm,	11624
704.94	in chalasterol and testosterones?	(4 marks)
(4.	ii. Give two examples of peptide alkaloids with 14-membered cycle	(2 marks)
	H. Olve two examples we per	
	UESTION FIVE	
v	4.	4**
(5	a) Identify the biological precursors of alkaloids and give five examples	(8 marks)
	 a) Identify the biological precursors of alkaloids and general from m b) Name the reactions through which dimeric alkaloids are formed from m 	ionomicas es en
	CANNOT TATOLOGY CONTROL TO THE	(6 marks) (4 marks)
(5	is Explain the biological functions of alkaloid in regard to protection	(2 marks)
	ii What class of alkaloids do solanidine and veralkamine belong to	(2 11411 122)
	the same of the sa	
		1/4***
	A CAMP OF SECTION OF S	550155
	製 (利益) 2.H (1)	

and the state of