

**B.Sc./B.Ed. DEGREE PROGRAMME - 2006/2007**

**PARASITOLOGY - ZOU 3164 / ZOE 5164**

**LEVEL: FIVE**

**OPEN BOOK TEST II**

**DATE: 09<sup>TH</sup> AUGUST 2006**

**REGISTRATION NO. ....**

**PART B (70 marks)**

2.0 Given below are two Tables that review features of helminth life cycles you have studied. Using the information provided:

- a) Identify the parasite species indicated by letters A – L.
- b) Complete the Tables 1 and 2 to summarise the life cycle of each parasite.

(i) **Table 1:** Refers to helminths that have cylindrical unsegmented bodies.

Species	Definitive host	Habitat of adult	Infective stage to definitive host	Mode of infection to definitive host	Intermediate host
A:				Inhalation	
B:		Lymphatics			
C:		Small intestine		Oral	
D:		Small intestine or free living in soil			None
E:		Caecum and appendix		Oral	
F:		Small intestines		Skin penetration	

(ii) **Table 2:** Refers to helminths that have flat segmented bodies.

Species	Definitive host	Infective stage to definitive host	1 <sup>st</sup> intermediate host	2 <sup>nd</sup> intermediate host
G:	Rodents			
H:	Man		Man	
I:	Dog			None
J:			Optional	None
K:				Fish
L:			Cattle	None

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