## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) Mutualistic associations of plant roots and fungi are called					
A) hyphae	B) mycorrhizae		D) mycelia	,	
2) Like plants, fungi have; however, in plants they are composed of, whereas in					
fungi they are composed o		D) collavalle collades	o monti do alexana		
A) cell walls phosphol C) cell membranes pho		B) cell walls cellulos D) cell walls cellulos			
C) cen membranes pro	osphonpias chim	D) ten wans tenulos	e Chilif		
3) What are hyphae?				3)	
A) fungal spores				o)	
	s between plant roots an	d fungi			
C) fungal digestive enzy	_	O			
D) threadlike filaments	hat make up fungal bod	ies			
4) Nutritionally, all fungi are				4)	
	their nutrients from oth				
	re their nutrients from c				
C) autotrophs that acqui					
D) heterotrophs that acq	uire their nutrients by at	osorption			
5) The function of a mushroo	m is to			5)	
A) produce spores	III IS to	B) photosynthesize		J)	
C) produce seeds		D) store nutrients			
-, L		,			
6) What important role do fu	ngi play in many ecosyst	ems?		6)	
A) They pollinate plants		B) They disperse the f	ruits of angiosperms.	, <del></del>	
C) They decompose org	anic material.	D) They perform photo	osynthesis.		
7) Some fungal species can kill herbivores while feeding off of sugars from its plant host. What type					
of relationship does this fu			_, _,		
A) predatory	B) parasitic	C) commensal	D) mutualistic		
0) T	1	11 1 1 1 1	.1	0)	
8) In most fungi, karyogamy	does not immediately fo.	llow plasmogamy, which	consequently	8)	
A) results in multiple di	nloid nuclei per cell				
A) results in multiple diploid nuclei per cell     B) allows fungi to reproduce asexually most of the time					
C) results in heterokaryotic or dikaryotic cells					
D) means that sexual rep		specialised structures			
9) Which of the following best describes the physical relationship of the partners involved in lichens?					
A) Photosynthetic cells are surrounded by fungal hyphae.					
B) The fungi grow on rocks and trees and are covered by algae.					
<ul><li>C) Fungal cells are enclosed within algal cells.</li><li>D) Lichen cells are enclosed within fungal cells.</li></ul>					
D) Lichen cells are enclo	sed within fungal cells.				

10) Upon re	eturning to its hive, a	a European honeybee con	nmunicates to other worke	er bees the presence	10)
of a nea	arby food source it ha	as discovered by			
	sual cues	J	B) performing a waggle	dance	
,	brating its wings at	varving frequencies	D) performing a round of		
C) VI	erating no wings at	varying frequencies	b) performing a round e	turice	
11\	1 1 0 1 21 11 11			TA71 ( : 1	11)
			he model has red colourir	ig. what animai	11)
		d by this observation?	5		
· ·	gn stimulus		B) imprinting		
C) cla	assical conditioning		D) cognition		
	d's bobbing dewlap ( e of a(n)	a colourful flap of skin ha	inging from an Anolis liza	rd's throat) is an	12)
A) sig			B) innate releasing mech	nanism	
· ·	imulus		D) reflex		
-, -:			,		
13) What w	vae tha main reason t	ha hanaybaas switchad fr	om the "round dance" to t	ho "wagalo danco"?	13)
		-		nie waggie dance :	13)
		not communicate the qual	ity of the food.		
	-	urce was farther away.			
		nmunicates the presence of	of nectar.		
D) Th	ne round dance uses	too much energy.			
14) Scientis	ts believe that the di	rection birds go when mi	grating is guided in part b	у	14)
I) the	stars in the night sk	y			
II) the	Sun during the day				
III) the	magnetic field of the	e Earth			
A) or	nly I	B) only II	C) only III	D) I, II, and III	
	several examples of he following questi		ur. Choose the letter of th	ne correct term (A-E) t	hat matches
A	i amin a				
A. operant condit					
B. agonistic behav					
C. innate behavio	ur				
D. imprinting					
E. altruistic behav	viour				
15) Throug	h trial and error, a ra	at learns to run a maze wi	thout mistakes to receive a	a food reward.	15)
A) A		B) B	C) C	D) D	
16) A huma	an baby performs a s	acking behaviour perfect	ly when it is put in the pre	esence of the nipple	16)
,	other's breast.	periodi	, put in the pro		-/
A) A		B) B	C) C	D) D	
A) A		ט נט	C) C	$\nu_{j}\nu_{j}$	
		e its own kid by smell.			17)
A) A		B) B	C) C	D) D	

	18) Every morning at the same time, John went into the den to feed his new tropical fish. After a few							
weeks, he noticed that the fish swam to the top of the tank when he entered the room. This is an								
	example of	1						
	A) operant conditioning	•	B) classical conditionin	σ				
	C) imprinting		D) cognition	·8				
	C) inspiriting		D) cognition					
	10) Some dogs love attention	and Frada the bearle lear	ns that if he barks he gets	attention Which of	19)			
	19) Some dogs love attention, and Frodo the beagle learns that if he barks, he gets attention. Which of the following might you use to describe this behaviour?							
			Jul :					
A) The dog has been classically conditioned.								
	B) The dog is trying to protect its territory.							
	C) The dog's behaviour is a result of operant conditioning.							
	D) The dog is displaying	g an instinctive fixed actio	n pattern.					
	20) Which of the following is t	mua of innata hahaviours?	Innata hahaviaura		20)			
	<ul><li>Which of the following is true of innate behaviours? Innate behaviours</li><li>A) are limited to invertebrate animals</li></ul>							
	· ·							
	B) are only weakly influ	, 0						
	•	s and some vertebrates bu						
	D) are expressed in mos	t individuals in a populat	ion					
	21) Females are typically larger and more ornamented than males where occurs.							
	A) polygamy	B) monogamy	C) polyandry	_ occurs.  D) polygyny	21)			
	A) polyganty	b) monogamy	C) polyaliury	D) polygylly				
Listed	below are several examples of	of types of animal behavio	our. Choose the letter of	the correct term (A_F) t	hat matches			
	xample in the following ques	7 I	our. Choose the letter of	the confect term (11 L) to	in i			
	1 01							
А. оре	erant conditioning							
-	onistic behaviour							
_	ate behaviour							
	orinting							
	ruistic behaviour							
ப. aiti	aione benavioui							
22) Upon observing a golden eagle flying overhead, a sentry prairie dog gives a warning call to other								
foraging members of the prairie dog community.								
	A) B	B) C	C) D	D) E				
	,	•	,	,				