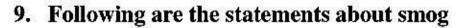
ZOOLOGY

	ZOOLOGI							
1.	Arrange the following layers of muscles in the correct sequences from outside to inside							
	a) epimysiun	n b)ene	domysium	c)peri	mysium	d)sarcoelmma		
	a) a-c-d-b	b) b-6	d-c-a	90 To A - CT - GEOSTON	c) a-c-b-d	d) c-a-b-d		
2.	A: J.Z.Young	100 Sec 100 Se		sters of	Air.			
		R:Birds are teh only flyiong aminals.						
	- E	7 (5) (2) (2)	15 156		explanation of	0.000 (0.000)		
	managed lighter transfer and	로 [발발] [18]		is not cor	rect explanation	on of (A)		
		but (R) is fals						
	a) Boin ((A) and (R) are	eraise					
3.		loskeleton in cyclostomata is						
	a)absent	b) bony	c)fibrous an	d cartilag	geous	d) bony and fibrous		
4.	A bilateral sy	ymmetry deu	terostome is c	lassified	in the phylum			
	a)annelida	b)cho	ordata	c)arth	ropoda	d)echinodermata		
5.	P ^H of acid ra	in is						
	a) 0.5-3.5	b) 3-6	6 c) 7-	-10	d) 10-14			
6. Which one of the following mammalian cells is not capable of m					metabolizing glucose			
	to carbon die	oxide aerobica	ally?					
	a) Red blood cellsb) White blood cells							
	c) Ui	nstriated musc	le cells					
7.	Match the list -I(Drug) with list II (source) and select the correct answer.							
	List-I		List					
	A. LSD B. Opium C. Cocanine			1.Papaver				
				2. Claviceps 3. Cannabis				
D. Hashish a) A=2,B=4,C=1,D=3			4.50.07.00.00.00	4. Erythroxylum sps				
		,B=1,C=4,D=			TO THE REAL PROPERTY OF THE PARTY OF THE PAR			
8	Arrange the	following ver	tehrates havi	ng Amnh	inlatvan Pro	rolous Heterocolous		
	 Arrange the following vertebrates having Amphiplatyan, Procolous, Heterocolous and Amphicoelous vertebrate respectively in a sequence. 							
	A)Rabbit	B)Pigeon	C)Caecilian	S	D)Alligator			

`3)C-B-A-D

4)A-D-B-C



1)A-C-B-D

- 1. It is a mixture of smoke and fog
- 2. London smog consists of H₂so₄
- 3. Los Angeles smog is the reducing smog

2)C-B-D-A



- a) All are true
- b) Only 1 &2 are true
- c) Only 2&3 are true
- d) Only 3&1 are true

10. Differentiation of organs and tissues in a developing organism, is associated with:

- a) Deletion of genes
- b) Developmental mutationsc) Differential expression of genes
- d) Lethal mutations



BOTANY

1	The formulas	used for	calculation	of stom	atal index
1.	THE TUTHILIAS	useu iui	carculation	OI STOIL	atai muex

a) I = E + S

b) $I = \underline{E}$

S

d) $I = E \times S$

- S

c) I = SE+S

2. Match the following

List I

List II

- A) anthrax of sheep
- B) tuberculosis of cattle
- C) Actinomycosis of cattle
- D) Vibriosis

a)

- I) mycobacterium tuberculosis
 - II) Mycobacterium bovis
- III) Vibriuotetus
- IV) Bacillus anthracis

B C D A II IVIII Ι

- III Ι II IV b)
- II III c) IV I
- d) IV III II I
- 3. Source of penicillin and streptomycin respectively are
 - I) Fungus
- II) Blue green algae III) Red algae IV) Bacterium
- a) I and III
- b) II and III
- c) III and IV
- d) I and IV

4. Desmids are known as

- a) Brown algae
- b) Golden algae
- c) Green algae
- d) Red algae

5. Study the following lists and Identifythe correct match

List-I,

List-II

- A) Palynology
- 1)Stephan Hales
- B) Plant physiOlogy
- 2) Cronquist
- C) Plant taxonomy
- 3) Vishnumitre.
- 0) Plant taxonomy
- 4) Gaspard Bauhin
- 5) Bentham & Hooker

The correct match is

	A	В	C	D
a)	4	4	1	5
b)	3	5	1	4
c)	3	2	1	5
4)	3	•	4	2

6. Study the following table

Taxon Inflorescence Stem

i) Canna Compound raceme Rhizome

ii) Hamelia Helicoid monochasial Normal

	a) i & ii	ii b) ii o	nly	c)iii&iv	d)iⅈ		
7.	The ratio of cosystem is a) 2: 3	b) 3: 2	polypeta c)1:2	atae and gamo	petalac	e respectively	in B & H
8.	Colchicine is o	btained from	1454	um autumnale			y
	a) Liliaceae	b) solanaceae		c) Leguminacea	ie	d) Poaceae	
9.	Prokaryotic co	ells are repres	ented by	y			
I. Bacteria		II. Cyanobacteria		III. Mycoplasmas		IV. PPLO	V. Yeasts
	a) I,III,V,IV,	b)I,II,III,IV		c)I,II,IV. V		d)II.III,IV, V	
10	. Assertion (A):	This is the ma	ain conc	ept of cell doc	trine th	eory.	
	Reason (R): o	ell is a structu	ıral and	functional un	it of all	organisms	
				and (R) is corre		20002 DAGGAGGA D)
				and (R) is not o	54220		

Runner

Tuberous stem

Hypanthodium

Which taxa shows the correct combination?

c) is true but (R) is false

d) Both (A) and (R) are false

Heterogamous head

iii) Oxalis

iv) HeJianthus

