ZOOLOGY

1.	Arrange the follo	wing layers of m	nces from outside to								
	a) epimysium	b)endomysiu	m c)peri	mysium	d)sarcoelmma						
	a) a-c-d-b	b) b-d-c-a	, .	c) a-c-b-d	d) c-a-b-d						
2.	A: J.Z.Young described birds as the masters of Air. R:Birds are teh only flyiong aminals. a) Both (A) and (R) are true and (R) is correct explanation of (A) b) Both (A) and (R) are true and (R) is not correct explanation of (A) c) is true but (R) is false d) Both (A) and (R) are false										
3.	The endoskeletor	n in cyclostomata	is								
	a)absent b) l	bony c)fibro	ous and cartilag	geous	d) bony and fibrous						
4.	A bilateral symma) annelida	netry deuteroston b)chordata		in the phylun	n d)echinodermata						
5.	P ^H of acid rain is a) 0.5-3.5		c) 7-10	d) 10-14							
6.	Which one of the following mammalian cells is not capable of metabolizing glucose to carbon dioxide aerobically? a) Red blood cells b) White blood cells c) Unstriated muscle cells d) Liver cell										
7.	Match the list -I(List-I A. LSD B. Opium C. Cocanine D. Hashish a) A=2,B=		(source) and List -2 1.Papaver 2. Claviceps 3. Cannabis 4. Erythroxy b)A=3,B=2,C c)A=4,B=-3,0	lum sps =1,D=4	rect answer.						
8.	Arrange the follo	O	· •		colous ,Heterocolous						
	A)Rabbit B)F	Pigeon C)Cae	ecilians	D)Alligator							
	1)A-C-B-D	2)C-B-D-A	`3)C-B-A-D		D-B-C						
9.	Following are the	•	ıt smog	,							

2. London smog consists of H₂so₄

3. Los Angeles smog is the reducing smog

- 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 mutations
- c) Differential expression of genes
- d) Lethal mutations

KEY:

1.C 2.C 3.D 4.B 5.B 6.D 7.C 8.D 9.B 10. C

_	TT31 0		•		Α.			
l.	The formu	las used	for ca	alculation	of ste	omatal	index	is

a) I = E + S

b) I= E

S

c) $I = \underline{S}$

S d) $I = E \times S$

E+S

2. Match the following

List I

List II

III) Vibriuotetus

IV) Bacillus anthracis

- A) anthrax of sheep
- B) tuberculosis of cattle

A

IV

- C) Actinomycosis of cattle
- D) Vibriosis

 \mathbf{C} D

- IV a)
- I II
- b) I
- III IIIIV
- c) IV
- II II Ш I II
- d)

В

Ш

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

I

I) mycobacterium tuberculosis

II) Mycobacterium bovis

- 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

D

5

4

5

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

The correct match is

5

2

1

A В C

- 4 4 a)
- 1
- 3 b)
- 1
- 3 c)
- 1
- 3 d)
- 4
- 2

6. Study the following table

Taxon

Inflorescence

Stem

i) Canna

Compound raceme

Rhizome

ii) Hamelia

Helicoid monochasial Normal

