	0	200	LOGI	
	1.	Which one of the following is NOT an	evolutionary trend in horse evolution?	
4.1		(A) Development of spring mechanism	_	
		(B) Gradual enlargement and elongation	of third digit	
		(C) Increase in size and complexity of t	he brain	
		(D) Transition from grazing habit to browsing habit		
	2.	Which of the following is NOT a part of	of gastric glands?	
		(A) Parietal cells	(B) Chief cells	
		(C) Enterocytes	(D) Enteroendocrine cells	
	3.	The Brunner's glands are located in		
		(A) Esophagus	(B) Stomach	
		(C) Small intestine	(D) Large intestine	
	4.	The fossil Cyanognathus belongs to		
		(A) Anapsida	(B) Diapsida	
	٠	(C) Euryopsida	(D) None of the above	
	5. Which one of the following is the reptilian character noticed in the anci			
		Archaeopteryx?		
		(A) The jaws were like beak		
		(B) Sternum with U-shaped furcula		
		(C) Presence of epidermal scales on the	e body	
*		(D) Presence of sclerotic ossicles		
	6.	The dinosaurs, which evolved during la	ate cretaceous were	
		(A) Allosaurus	(B) Tyrannosaurus	
		(C) Triceratops	(D) Diplodocus	
	7. Modern synthetic theory was proposed by a group of biologists but does			
		include	•	
		(A) Haldane	(B) Sewall Wright	
		(C) Wallace	(D) Ernst Mayr	
	8.	Evolutionary forces that destabilize Ha	ardy-Weinberg genetic equilibrium are	
		(A) Mutations	(B) Genetic drift	
		(C) Gene migration	(D) All the three	

9 is known as the primary	organizer during chick developm	ent
(A) Blastopore		
(B) Primitive streak		
(C) Hensen's node		
(D) Nieuwkoop centre		
10. In animal development	manuscra the bloom	
10. In animal development germ layers.	rearranges the blastomeres and	forms the three
(A) Blastulation	(B) Neurulation	
(C) Gastrulation	(D) Organogenesis	
	,	1
11. In sea urchins, the presence of o		
(A) Inactivation of embryonic dev		
(B) Activation of embryonic deve		
(C) Prevents cortical granule rea	iction	
(D) None of the above		
12. The neural tube is a derivative	of	
(A) Endoderm		
(B) Mesoderm	.65	
(C) Ectoderm		
(D) Chordamesoderm		
(b) chordamesoderm		
13 is the larva of sponges		
(A) Planula	(B) Amphiblatula	
(C) Radula	(D) Zoea	
14. The infective agent of Entamoeb	oa histolytica is	
(A) Tropozoite	(B) Binucleate cyst	
(C) Quadrinucleate cyst	(D) Rhabdite	
15. Intermediate host for filarial wo	/	
(A) Snail	(B) Cyclops	
(C) Pig	(D) Tsetse fly	,
16. Attaining the sexual maturity w	hile retaining the larval charact	ers is called
(A) Neoteny		
(B) Parthenogenesis		
(C) Pedogenesis		
(D) Hereromorphosis		

17. 9th Vertebra of frog is  (A) Procoelous	(B) Biconvex
(C) Amphicoelous	(D) Heterocoelous
18. Tuatara belongs to the order (A) Chelonia	(B) Rhynchocephalia
(C) Squamata	(D) Crocodilia
19. In birds the III, IV and aort	
(A) V	(B) VI
(C) VII	(D) VIII
20. "Wax of ear" is produced by	
(A) Meibomain glands	(B) Ceruminous glands
(C) Zeis glands	(D) Inguinal gland
21. According to IUCN Red List what is	
(A) Least concern	the status of 'Red panda (Ailuru fulgens)'?
(C) Extinct	(B) Vulnerable (D) Endangered
22 Entrophication manufaction 1	
22. Eutrophication results in reduction of (A) Dissolved minerals	
(C) Dissolved hydrogen	Dissolved oxygen
	(D) Dissolved nitrate
23. Energy enters the ecosystem through	¥
(A) Herbivores	(B) Carnivores
(C) Producers	(D) Decomposers
24. The 1984 Bhopal tragedy was caused	d due to leakage of
(A) Potassium isocyanate	(B) Methyl isocyanate
(C) Sodium monoxide	(D) None of these
25. A condition where one gene influence	es more than one trait is referred as
(A) Phenocopy	(B) Pleiotropy
(C) Epistasis	(D) Linkage
26 One gene one ongress is	
26. One gene one enzyme is proposed by (A) Joshua and Leaderberg	
(C) Beadle and Tatum	(B) Archibald and Garrod
· · ·	(D) Benzer and Barbera
27. The inducer for the lac operon is	
(A) Lactose	(B) B-Galactose
(C) Allolactose	(D) Galactose

(D) Galactose

i are formed due	to
28. Polytene chromosomes are formed due	(B) Meiosis
(A) Mitosis	(D) Endomitosis
(C) Fission 29. Which one of the following is caused of	lue to deficiency of vitamin D?
29. Which one of the following is caused	(B) Rickets
(A) Scurvy	(D) Beriberi
(C) Nyctolopia	
30. The tube that connects the pharynx to	the middle ear is caned as
(A) Eustachian tube	
(C) Pharyngeoacoustic tube	(D) None of the above
(C) Thatyngoode the failure	of kidney is known as
31. The condition which results in failure	(B) Anuria
(A) Uraemia	(D) Haema
(C) Diurea	(E) 11101
32. Excretion of bile pigments in urine in	dicates
(A) Anaemia	(B) Diabetes
(C) Rickets	(D) Jaundice
33. Transgenic animals are those which h	ave
(A) Foreign DNA in some of its cells	
(B) Foreign DNA in all its cells	
(C) Foreign RNA in all its cells	
(D) Both DNA and RNA in the cells	
34. Making multiple copies of the desired	
(A) Cloning	(B) Transferring
(C) r-DNA technology	(D) Genetic engineering
35. PCR technique was invented by	
(A) Karry Mullis	(B) Boyer
(C) Sanger	(D) Cohn
36. Who coined the word nanotechnology?	
(A) Eric · Drexler	·
(B) Richard Feynmann	
(C) Sumio Tijima	
(D) Richard Smalley	

38. A young animal develops an attraction	towards an object or animals is called			
(A) Learning	(B) Maturation			
(C) Imprinting	(D) Social behaviour			
39. Silk contains a protein known as				
(A) Casein	(B) Fibroin			
(C) Sericin	(D) both (B) and (C)			
40. The chief constituent of honey is				
(A) Disaccharides	(B) Monosaccharide			
(C) Polysaccharides	(D) Fats			
41. What kind of earthworms is used in verm composting?				
(A) Epigeics	Lecics			
(C) Endogics	(1) Both (A) and (B)			
42. Which of the following is not an exotic breed reared in India?				
(A) Rhode Island Red	(B) White leghorn			
(C) Plymouth Roc	(D) Ghagus			
43. Fatty acids can be transported in and	out of cell membrane by			
(A) Active transport	(B) Facilitated transport			
(C) Diffusion	(D) Osmosis			
44. The glycolysis is regulated by				
(A) Hexokinase	(B) Phosphofructokinase			
(C) Pyruvate kinase	(D) All of these			
45. Which of the following class of lipids of a cell?	is abundantly found in plasma membrane			
(A) Sphingolipids	(B) Phospholipids			
(C) Glycolipids	(D) Sterols			
6. The structure that is responsible for withstanding severe mechanical stress such a in skin epithelia or bladder is known as				
(A) Basement membrane	(B) Tight junctions			
(C) Gap junctions	(D) Desmosomes			

47. The volume of air inhaled in single normal breath is known as

<b>4</b> 8.	The concept of 'Milieu interieur' was fin	rst introduced by
	(A) Walter Cannon	(B) Claude Bernard
	(C) Per Scholander	(D) George Bartholomew
<b>4</b> 9.	Bilirubin and Biliverdin are found in _	
	(A) Bile juice	(B) Blood
	(C) Saliva	(D) Lymph node
<b>5</b> 0.	Which of the following vitamins is also	known as cobalamin?
	(A) Vitamin B11	(B) tamin B2
		(D) Vitamin B12
	(C) Vitamin B6	(D) Vitamin D12