

Class : XIIth
Date :
Subject : BIOLOGY
DPP No. : 9

Topic :- Evolution							
1.	The concept of inheritance of acquired character in support of evolution was proposed by						
	a) Darwin	b) Cuvier	c) Lamarck	d) de Vries			
2.	Peripatus is a connecting link betweena) Ctenophora and Platyhelminthesc) Annelida and Arthropoda		b) Mollusca and Echinodermata d) Coelenterata and Porifera				
3.	Convergent evolution is shown by						
0.	a) Homologous organs	b) Analogous organs	c) Vestigial organ	d) All of these			
4.	Which one of the following a) Wing of butterfly, wing	of bird, wing of bat	flipper of wha				
	of rabbit	ch, hindleg of frog, forelim	bd) Wing of bird, v	ving of bat, wing of flying lizard			
5.	Fossilized faecal material	of animals are known as					
J.	a) Coprolites	b) Compressions	c) Moulds	d) Casts			
6.	Identify the phenomenon species or same species a) Habitat species c) Temporal isolation	in which the members of a	species do not int b) Geographical i d) Reproductive				
7.	I. Use and disuse of organs II. Inheritance of acquired III. Branching descent IV. Natural selection V. Mutation VI. Reproductive isolation The two key concepts of D a) I and II	characters	options are c) V and VI	d) IV and VI			

8.	Related species which are a) Sibling	e reproductively isolated by b) Sympatric	ut mophologically similar a c) Allopatric	re called d) Morphospecies		
9.	An important evidence in a) Homologous and vestig c) Homologous organs on	-	n is the occurrence of b) Analogous and vestigial organs d) Homologous and analogous organs			
10.	Evolution is a) Sudden change occurring in a population b) Progeny with modifications c) Discontinuous process d) All of the above					
11.	The result of Miller's expea) Sayere	eriments were discussed in b) Harold Urey	the book 'The Planets' wri c) Huxley	tten by d) Stanley		
12.	spontaneously from non- a) Microbes did not appear b) Larvae could appear in c) Microbes appeared fro	living matter? a <mark>r in stored meat</mark>		uld not have originated		
13.	Darwin asserted thatA which are heritable and which makes the resources utilizationB for few will enable only those to reproduce and leaveC progeny Choose the correct option for A, B and C to complete the given statement a) A-variations, B-better, C-more b) A-variations, B-better, C-less c) A-variations, B-normally, C-less d) A-variations, B-normally, C-more					
14.	Phenomenon in which the a) Founder's effect c) Bottle neck effect	e genetic drift gives rise to	a new sample of population is called b) Divergent evolution d) Stabilizing selection			
15.	Genetic drift operates to a) Large isolated population c) Fast reproductive population		b) Small isolated populationd) Slow reproductive population			
16.	Archaeopteryx is a connecting link betweena) Reptiles and birdsc) Amphibians and reptiles		b) Birds and mammalsd) None of the above			
17.	Which one of the followin	g is not a vestigial structur b) Epiglottis	re in <i>Homo sapiens</i> ? c) Plica semilunaris	d) Pyramidalis muscle		

- 18. Which of the following was not explained by the Darwinism?
 - a) Natural selection
 - c) Arrival of the fittest

- b) Struggle for existence
- d) Origin of species

- 19. Creation of new taxa is focussed in
 - a) Macro-evolution
 - c) Sympatric speciation

- b) Theory of special creation
- d) Theory of pangenesis
- 20. Which of the following statement is correct?
 - a) Stem cells are specialized cells
 - b) There is no evidence of the existence of gills during embryogenesis of mammals
 - c) All plants and animals cells are totipotent
 - d) Ontogeny repeats phylogeny

