

10.	Genes, when close togeth a) Linkage	er on a chromosome, are k b) Mutation	nown as c) Translation	d) Transcription
11.	If a character is always transmitted directly from a father to all his sons and from their sons to all their sons, then which chromosome carries the gene for the character?			
	a) Autosome	b) X-chromosome	c) Y-chromosome	d) None of these
12.	Hugo de Vries is famous for a) Natural selection theory c) Organic theory		b) Mutation theory d) Chemical theory	
13.	. Jumping genes in maize were discovered by			
	a) Hugo de Vries	b) Barbara McClintock	c) T H Morgan	d) Mendel
14.	A plant of F_1 - generation has genotype 'AABbCC'. On selfing of this plant, the phenotypic ratio in F_2 -generation will be			
	a) 3 : 1		b) 1 : 1	
	c) 9:3:3:1		d) 27 : 9 : 9 : 9 : 3 : 3 : 3 :1	
15.	5. The character that is expressed in the F_1 -generation is called the			
	a) Recessive character		b) Dominant character	
	c) Codominant character		d) None of these	
16.	Chromosomal theory of inheritance was proposed by			
	a) Gregor Mendel	b) Hugo de Vries	c) Bridges	d) Sutton and Boveri
17.	In sex linkage, the speciality is			
	a) Atavism		b) Criss-cross inheritance	
	c) Reversion		d) Gene flow	
18.	Mother = A blood group Father = AB blood group The child will not have			
	a) A blood group	b) O blood group	c) B blood group	d) A blood group
19.	The chromosome constitution 2 <i>n</i> -2 of an organism represents			
	a) Monosomic	b) Nullisomic	c) Haploid	d) Trisomic
20.	Phenylalanine does not changed to tyrosine. This condition is seen in			
	a) Sickle-cell anaemia		b) Phenylketonuria	
	c) Thalassaemia		d) Haemophilia	