S.No	Questions	Answers					
3210.	MENDEL'S LAW OF INHERITANCE						
3211.	The tendency of individuals to resemble their parents are called	Heredity					
		ETEA-2018					
3212.	The difference between offspring and their parents are called	Variation					
3213.	Heredity and variation play important role in the formation of	New species					
3214.	The science which deals with the study of heredity and variation	Genetics					
3215.	Genetics are also referred to the study of	Genes					
3216.	The science of genetics originated in the year 1900 with the	Augustinian monk					
	rediscovery of an article originally published in 1866 by an	named Gregor john					
		Mendel					
3217.	The one who successfully explained the mechanism of inheritance	Mendel					
•	during his research work on pea plant was						
3218.	Mendel was an Austrian monk and is properly known is	Father of genetics					
3219.	Mendel was born on July 22, 1822 in	Czech Republic					
3220.	Between 1856 and 1863 Mendel carefully analyzing the seven	28,000 pea plants					
	pairs of seed and plant characteristic and cultivated and tested						
· ,	about						
3221.	Mendel first delivered his lecture on pea plants in the year of	1865					
3222.	Mendel published hi paper "Experiments on plants hybridization"	1866					
	in ·						
3223.	Later on in 1900, Mendel work was recognized by three investigators:						
, ,	1. A Dutch botanist Hugo de Vries						
	2. De Correns of Germany						
	3. Tschmarck of Austria						
3224.	The Darwin's theory of evolution was appeared in the year of	1859					
3225.	The journal in which Mendel work was republished was	Not recognized					

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3226.	The scientist o	f Mendel era was no	Statistical analysis of data						
3227.	The main characteristics of plant plants are as follow;								
3228.	Mendel choose seven characters of pea plants for his experiments given below;								
	S.No Character Dominant Recessive t				rait				
		Seed shape	Spherical*	Wrinkled	and the same of th				
. 7. Te	2	Seed colour	Yellow	Green					
	3	Pod shape	Inflated	Constricted					
	. 4	Pod colour	Green	Yellow					
	5	Flower position	Axial	Terminal					
- 1,00	6	Flower colour	Purple	White					
	7	Stem height	Tall	short					
3229.	A cross between	en two individuals t	hat differ with on	e particular	Monohybrid cross				
2	trait is called		Dominant character						
3230.					A series of the				
3231.		naracter that appear			Recessive trait				
3232.		of F ₁ generation of t d wrinkled seed shap	All round seed shape						
2222	are the regulation and record on the second of the second	3:1							
3233.		ved that the recessive average ratio of							
3234.		el's time the study of	Primitive stage						
3235.	desired to the second of the	lized the cause of inh	Factors or elements						
3236.		ents was named by	A NEWSCOOL STREET, STR	9 as	Genes				
3237.		Mendel, each male a			One factor				
	factors and th								
3238.	Mendel's wo	rk could be repres	ented by laws of	heredity. Thes	e laws are:				
	• Law o	of dominance		initial bracky					
	• Law o	Law of segregation							
	• Law o	Law of independent assortment							
3239.	Dominant alle	ele is represented by	Capital letter						
3240.	The recessive allele is represented by				Small letter				
3241.	The condition	of albinism is chara	Melanin pigment						
3242,	Lack of melan	in pigment occurs i	Hair, eyes and skin						
3243.	Out of two ph	enotype the more co	Wild phenotype						
3244.		of phenotype is cal	Mutant phenotype						
3245.	The symbol u	sed to indicate norn	Mar Green William Tales						
3243.		the law of dominance	Factors						
3246.				The sale of the sale					
The state of	controlled by				Is dominated over othe				

The state of	two traits are	A STATE OF THE PARTY OF THE PAR	President A 250	11-12-20		The state of the s		
3249.	The fundamental law of genetics is called law of					Independent assortment		
3250.		of the RRYY x rryy w	A STATE OF THE PARTY OF THE PAR	us with	Round	yellow seeds		
3251.	Mendel crossed RrYy x RrYy and the result was							
	Round- yellow	Round green	Wrinkled yellow 3	Wrin	kled green			
7 1900	9	3		and the same	1	1 - CAMP 1 - CA		
			2012 12 12 12 12 12 12 12 12 12 12 12 12 1		1 10 VIV			
3252.	Two pairs of c alleles of one p other pair	assort	findependent ment DCAT-2020					
3253.	Independent a	1865						
3254.	Article St. Company	issortment of gene o	the state of the s	F G 485.27	Meios	Meiosis in eukaryotes		
3255.	11.					r and father		
3256.	Independents event will occurs simultaneously is the product of their individual probabilities				of Produ	Product rule		
3257.	Probability of ways is the su		Sum rule					
3258.	• produ	s Pp and female plan ct rule $\rightarrow \frac{1}{4}$ ule $\rightarrow \frac{1}{2}$	it is Pp, the probab	oility of he	terozygous p	lant are		
3259.	EXCEPTION	O MENDELIAN INF	IERITANCE		A Company And	T-30-A-1-1-4		
	 Dominance relation are of the following types: Complete dominance → tall; short Incomplete dominance → 4'o clock plant flower Co-dominance → blood group AB Over-dominance → eye colour ETEA-2018 							
3261.	When one allele is completely dominant over another in heterozygous state is called					lete dominance DCAT-2020		
3262.					Incon	plete dominance		
3263.	Cross of true breeding red flowered plant with a true breeding white flowered of 4' o clock plant, all the hybrid orbitals are				colour			
3264.	When Correr	crossed two pink	flowers the resul	t was:				
		Red flo	ower Pink flow	ver W	hite flower			
		1	. 2		political designation of the second of the s	A service of the serv		
3265.	When different alleles of a genes that are both expressed in a Co—dominance (blo					dominance (blood		
2200	hetrozygote condition are called					dominance		
3266.	intense than the homozygous state of the dominant allele are				Uver			
	called	ypic expression of h	A.		ww.	dominance		