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B.Sc. 2nd Semester New Scheme Examination,

May-2017

BIOTECHNOLOGY

Paper-BT-203

Genetics

Tim	e allowed: 3 hours]	[Maximum marks : 40
Not	A.	ns in all. Question No. 1 is ur more questions selecting om each unit.
1.	(a) What is dihybrid cros	ss ?
	(b) Pleiotropy	1
	(c) What are lethal genes	3?
225	(d) Define expressivity.	
	(e) What is satellite DNA?	
	(1) What are VNTRs?	5 4' 1
	(g) What do you understand by LINEs and SINEs? 1	
	(h) What is karyotype?	1
	Unit-	·I
2.	What are the various stages of cell cycle? Explain the	
	different stages along with	control points that regulate
	the cell cycle.	8
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