

TALEEMI DUNYA

Test Syllabus: Unit # 23

St. Name		Test	Biology	T. Marks	30	Time	60 Min
F.Name		Class	12 th	T. Code	U#23	T. Date	

NOTE: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that Question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question. **6x1=6.**

1	Taq polymerase is an enzyme present in:						
(a)	Fungi	(b)	Bacteria	(c)	Algae	(d)	Virus
2	Aspartame is a ____						
(a)	Dipeptide	(b)	Tripeptide	(c)	Pentapeptide	(d)	Polypeptide
3	Two different pieces of DNA joined together, it is called ____ :						
(a)	Dimeric DNA	(b)	Chimeric DNA	(c)	Trimeric DNA	(d)	Tetrameric DNA
4	Synapsis occurs during ____ :						
(a)	Pachytene	(b)	Leptotene	(c)	Zygotene	(d)	Diplotene
5	Syndrome having trisomy of chromosome 18 is __ :						
(a)	Down's	(b)	Patau's	(c)	Edward's	(d)	Jacob's
6	Phragmoplast is formed by vesicles originating from ____:						
(a)	Endoplasmic reticulum	(b)	Golgi complex	(c)	Chloroplast	(d)	Mitochondria

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Q.2 Write short answers of the following questions.

(6x2=12)

1. Define genome and genomic library.
2. Define protoplast.
3. What is probe? Give its uses.
4. What are possible benefits of human genome project ?
5. Differentiate between ex-vivo and in-vivo gene therapy?
6. What is biodegradable plastic? Give its origin?

Q.3 Answers of the following briefly.

(6+6=12)

- 1 Write a note on tissue culture technique?
2. Write a note on tissue culture and cloning .