

XII - MHT-CET - BOTANY ANSWERKEYS

## GENETIC BASIS OF INHERITANCE

[illegible]

GENE: Its Expression & Regulation

[illegible]

**Note: 36 (b) (449 instead of 459); Qs. 11 fig. d**

G G C

BOTECHNOLOGY	
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[illegible]

ENHANCEMENT IN FOOD PRODUCTION
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[illegible]

## XII - MHT-CET - BOTANY ANSWERKEYS

### MICROBES IN HUMAN WELFARE

1	C	2	A	3	C	4	D	5	B	6	A	7	B	8	C	9	E	10	C
11	A	12	D	13	B	14	A	15	C	16	A	17	D	18	D	19	D	20	B
21	D	22	D	23	D	24	C	25	D	26	D	27	A	28	C	29	D	30	D
31	A	32	C	33	B	34	A	35	C	36	A	37	B	38	C	39	D	40	D

**NOTE: 9(E)- A (iii), b(i) c (iv) d(ii)**

### PHOTOSYNTHESIS

1	A	2	C	3	D	4	D	5	B	6	C	7	A	8	C	9	D	10	C
11	C	12	B	13	A	14	A	15	C	16	D	17	B	18	B	19	A	20	A
21	A	22	A	23	B	24	B	25	B	26	B	27	B	28	B	29	D	30	B
31	C	32	B	33	C	34	C	35	D	36	D	37	C	38	A	39	A	40	A
41	C	42	B	43	C	44	C	45	A										

### RESPIRATION

1	B	2	C	3	B	4	B	5	C	6	A	7	C	8	B	9	A	10	A
11	A	12	C	13	B	14	C	15	A	16	C	17	D	18	C	19	B	20	B
21	B	22	C	23	A	24	A	25	B	26	A	27	A	28	C	29	D	30	D
31	B	32	D	33	D	34	A	35	B	36	C	37	D	38	D	39	D	40	B
41	B	42	D	43	A	44	B												

**Note :** 9(a) - (i) full name - phosphohexose isomerase; 21 (B) - Mark P-Inter membrane space; 33(d) - both b and c

### REPRODUCTION IN PLANTS

1	D	2	D	3	C	4	B	5	A	6	A	7	D	8	A	9	A	10	B
11	C	12	B	13	B	14	A	15	C	16	C	17	D	18	A	19	C	20	B
21	B	22	B	23	C	24	C	25	B	26	A	27	C	28	B	29	A	30	C
31	A	32	C	33	C	34	C	35	C	36	A	37	D	38	B	39	C	40	B
41	B	42	C	43	D	44	D	45	C										

### ORGANISMS AND ENVIRONMENT I

1	C	2	D	3	C	4	C	5	D	6	B	7	C	8	B	9	C	10	B
11	C	12	C	13	B	14	D	15	A	16	D	17	C	18	A	19	A	20	A
21	C	22	C	23	A	24	C	25	C	26	B	27	A	28	C	29	B	30	A
31	D	32	A	33	B	34	C	35	A	36	C	37	B	38	B	39	A	40	D