

AP[®] Microeconomics 2002 Sample Student Responses

The materials included in these files are intended for use by AP teachers for course and exam preparation in the classroom; permission for any other use must be sought from the Advanced Placement Program[®]. Teachers may reproduce them, in whole or in part, in limited quantities, for face-to-face teaching purposes but may not mass distribute the materials, electronically or otherwise. These materials and any copies made of them may not be resold, and the copyright notices must be retained as they appear here. This permission does not apply to any third-party copyrights contained herein.

These materials were produced by Educational Testing Service[®] (ETS[®]), which develops and administers the examinations of the Advanced Placement Program for the College Board. The College Board and Educational Testing Service (ETS) are dedicated to the principle of equal opportunity, and their programs, services, and employment policies are guided by that principle.

The College Board is a national nonprofit membership association dedicated to preparing, inspiring, and connecting students to college and opportunity. Founded in 1900, the association is composed of more than 4,200 schools, colleges, universities, and other educational organizations. Each year, the College Board serves over three million students and their parents, 22,000 high schools, and 3,500 colleges, through major programs and services in college admission, guidance, assessment, financial aid, enrollment, and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of equity and excellence, and that commitment is embodied in all of its programs, services, activities, and concerns.

Copyright © 2002 by College Entrance Examination Board. All rights reserved. College Board, Advanced Placement Program, AP, SAT, and the acorn logo are registered trademarks of the College Entrance Examination Board. APIEL is a trademark owned by the College Entrance Examination Board. PSAT/NMSQT is a registered trademark jointly owned by the College Entrance Examination Board and the National Merit Scholarship Corporation.

Educational Testing Service and ETS are registered trademarks of Educational Testing Service.

Write in the box the number of the question you are answering on this page as it is designated in the examination. select the correct combination of apples-(a utility of each good in proportion to the last dollar spent on it considered MUA PA 3"apple MV of the 2nd orange consumer will purchase 4 apples MU 4th orange MU of the 4 orange x x 2) = \$ 4 4 apples +

50

3	M	16	C	L	H.	•
ነው ፕሬብቶ	ስ የመድ ነ	ንያም ነ <u>ር</u> የተ		7174	4	4

3

Write in the box the number of the question you are answering on this page as it is designated in the examination.

(c) (i) 4 apples and 2 oranges will purchase
(c) (i) 4 appres and 2 oranges will perchase (4 apprexxII) + (2 oranges x \$4) = \$4 + \$8 = \$12
M) of 4th annie
$\frac{1}{1} = \frac{1}{1} = \frac{5}{5}$
Mu of 4th apple = $\frac{5}{1} = \frac{5}{5}$ Mu of 2 nd orange = $\frac{30}{4} = \frac{5}{5}$
(ii) TU of 4 appus + TU of 2 oranges=
50 + 50 = 100 utily

Write in the box the number of the question you are answering on this page as it is designated in the examination.

3. a) with the cost of apples at one dollar, and
oranges at two dollars, the consumer will purchase three
apples an two oranges.
A- 0
Q TU a TU The consumer will lives
0 0 0 burchase one apple as it
1 (30) \$31 (30) \$4 Offers oner utily/dolor than the
2 353 a Goly first orange. The consumer
3 @ 4 3 65 will then purchase one ovarye
4 50 4 75 as one orange alers non utils/dollar
then purchasing a second apple.
Using the trasoning the ponsumer will
Spend all seum dollers at 3 apples and 2 oranges.
b) i) the consumer will purchase four
A O apples and Lour oranges, Osma
Q TU Q TU the logic presented in part i, he she
0 0 0 6 will exhaust his/her gas twelve dollar
1 (80) 1 (80), at this desire combination.
2 (3) 2 (50) 4 \$\$
3 (95) 3 (65) = /
4 50 4 (75)
5 55 50
<u> </u>

10550

25675

3200

3MICCLN2

Write in the box the number of the question you are answering on this page as it is designated in the examination.

i) The	total	utility	tw	10454 m	_ nusll	Methi	<u>ull</u>	1 60
200376	The	1005 un	ner (cutes	ABADY.	atils	hom	the appler
and B	370 7 WANC	elitu (Oraho			
	Apples		Ore	angel .				
	120		1 3	0				
	35		5	0 				
	50		7					_
	150		23	0 -		·		
		8		0	\$4			
73	<u></u>	+0		Q	70			
	0	· 0		0	0			
	1	(no).	\ \ \ \ .		(3 b)	4	2)	
	2	3500	74	2	(50)	5		
	3	(45)		7	\$65H			
	4	(5° 6) 5	_ /	Y	75			
	7	52		5	30			
	1fg			Sign				
		T	he ce	n Sum	- Wi	II pur	chase	4 oppin
and	two ore			·				
		-	0	1				
(1)	20		30	Th	Consu	mer	will re	Piece a tota
	35	•	80	ut	lity of	7 230	D util	5 (150 from
	150		8	,	n orange	\		