

**Answer Sheet — Multiple-Choice Questions and Student-Produced Responses**

**You must use a No. 2 pencil. It is important that marks are dark and complete. Don't use a mechanical pencil. If you need to change a response, erase as completely as possible. Incomplete marks or erasures may affect your score.**

**Complete Mark:**

**Incomplete Marks:**



## Section

1

- |    |  |    |  |    |  |    |  |    |  |
|----|--|----|--|----|--|----|--|----|--|
| 1  | <input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 12 | <input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 23 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 34 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 45 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |
| 2  | <input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 13 | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 24 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 35 | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 46 | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D |
| 3  | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 14 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 25 | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 36 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 47 | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D |
| 4  | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 15 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 26 | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 37 | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 48 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D |
| 5  | <input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 16 | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 27 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 38 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 49 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |
| 6  | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 17 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 28 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 39 | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 50 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D |
| 7  | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 18 | <input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D | 29 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 40 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 51 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |
| 8  | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 19 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 30 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 41 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 52 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |
| 9  | <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D | 20 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 31 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 42 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |    |  |
| 10 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 21 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 32 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input checked="" type="radio"/> D | 43 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |    |  |
| 11 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 22 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 33 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            | 44 | <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D            |    |  |

**No  
Calculator  
Allowed**



28/52

## Section

2

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

**No  
Calculator  
Allowed**



23/4/99

## Section

3

- 1 (A) (B) (C) (D)  
2 (A) (B) (C) (D)  
3 (A) (B) (C) (D)  
4 (A) (B) (C) (D)  
5 (A) (B) (C) (D)  
6 (A) (B) (C) (D)  
7 (A) (B) (C) (D)  
8 (A) (B) (C) (D)  
9 (A) (B) (C) (D)  
10 (A) (B) (C) (D)  
11 (A) (B) (C) (D)  
12 (A) (B) (C) (D)  
13 (A) (B) (C) (D)  
14 (A) (B) (C) (D)  
15 (A) (B) (C) (D)

**No  
Calculator  
Allowed**



**Student-Produced Responses** Enter answers as directed in your test book. Answers must be bubbled to be scored. You won't receive credit for anything written in the boxes.

- 16

1	1	1	1
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

17

1	1	1	1
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

18

1	1	1	1
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

19

1	1	1	1
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

20

1	1	1	1
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

7/20

 $1/2^2$ 

1020

# Answer Sheet — Multiple-Choice Questions and Student-Produced Responses

You must use a No. 2 pencil. It is important that marks are dark and complete. Don't use a mechanical pencil. If you need to change a response, erase as completely as possible. Incomplete marks or erasures may affect your score.

Complete Mark:

Incomplete Marks:



Section  
4

- 1 (A) (B) (C) (D)
- 2 (A) (B) (C) (D)
- 3 (A) (B) (C) (D)
- 4 (A) (B) (C) (D)
- 5 (A) (B) (C) (D)
- 6 (A) (B) (C) (D)
- 7 (A) (B) (C) (D)
- 8 (A) (B) (C) (D)
- 9 (A) (B) (C) (D)
- 10 (A) (B) (C) (D)
- 11 (A) (B) (C) (D)
- 12 (A) (B) (C) (D)
- 13 (A) (B) (C) (D)
- 14 (A) (B) (C) (D)
- 15 (A) (B) (C) (D)
- 16 (A) (B) (C) (D)
- 17 (A) (B) (C) (D)
- 18 (A) (B) (C) (D)
- 19 (A) (B) (C) (D)
- 20 (A) (B) (C) (D)
- 21 (A) (B) (C) (D)
- 22 (A) (B) (C) (D)
- 23 (A) (B) (C) (D)
- 24 (A) (B) (C) (D)
- 25 (A) (B) (C) (D)
- 26 (A) (B) (C) (D)
- 27 (A) (B) (C) (D)
- 28 (A) (B) (C) (D)
- 29 (A) (B) (C) (D)
- 30 (A) (B) (C) (D)

Calculator  
Allowed



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31

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

32

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

33

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

34

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

35

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

36

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

37

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

38

1	1	1	1
0	0	0	0
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

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