

**printf/scanf/variables (chapter 1)**

Do NOT write on this test. Record all answers on the bubble sheet. **Closed book. No notes.** Work strictly from memory. **No calculators. No time limit. Scratch paper okay.**

**printf:** Which escape sequence has what meaning? (text p.9) (If no match mark J.)

(A) \`"` (B) \`'` (C) \`\0` (D) \`\?` (E) \`\a` (F) \`\b` (G) \`\f` (H) \`\t` (I) \`\v`

1/4p. alert character (bell)

2/4p. horizontal tab

3/4p. single quote mark

4/4p. formfeed

5/4p. backspace

6/4p. double quote mark

**printf:** Which escape sequence has what meaning? (text p.9) (If no match mark J.)

(A) \`"` (B) \`\0` (C) \`\?` (D) \`\` (E) \`\a` (F) \`\f` (G) \`\n` (H) \`\r` (I) \`\v`

7/4p. newline

8/4p. question mark

9/4p. carriage return

10/4p. backslash

11/4p. vertical tab

12/4p. null character

**printf/scanf:** Which conversion character means what? (text p.536) (If no match mark J.)

(A) `%%` (B) `%c` (C) `%d` (D) `%f` (E) `%f1` (F) `%lf` (G) `%p` (H) `%s` (I) `%x`

13/4p. string

14/4p. percent

15/4p. integer

16/4p. unsigned integer

**printf/scanf:** Which conversion character means what? (text p.536) (If no match mark J.)

(A) `%%` (B) `%d` (C) `%f` (D) `%f1` (E) `%lf` (F) `%p` (G) `%s` (H) `%u` (I) `%x`

17/4p. float

18/4p. double

19/4p. character

True/False: Which are valid names for variables in C? (text p.11)

20/2p. 3

21/2p. a

22/2p. 3

23/2p. c@

24/2p. C1

25/2p. 1

26/2p. C@2

27/2p. A

28/2p. 5aA

29/2p. Aa

30/2p. A

31/2p. -

Total points 100.

**Answer Key** (points per line)

1 (4).	E
2 (4).	H
3 (4).	B
4 (4).	G
5 (4).	F
6 (4).	A
7 (4).	G
8 (4).	C
9 (4).	H
10 (4).	D
11 (4).	I
12 (4).	B
13 (4).	H
14 (4).	A
15 (4).	C
16 (4).	J
17 (4).	C
18 (4).	E
19 (4).	J
20 (2).	f
21 (2).	t
22 (2).	f
23 (2).	f
24 (2).	t
25 (2).	f
26 (2).	f
27 (2).	t
28 (2).	f
29 (2).	t
30 (2).	t
31 (2).	t

Total points 100.