

**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) \ 0 (C) \ ? (D) \ \ (E) \ a (F) \ b (G) \ f (H) \ n (I) \ v

1/4p. double quote mark

2/4p. backspace

3/4p. null character

4/4p. single quote mark

5/4p. alert character (bell)

6/4p. newline

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

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

7/4p. carriage return

8/4p. formfeed

9/4p. backslash

10/4p. question mark

11/4p. horizontal tab

12/4p. vertical tab

**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) %o (G) %p (H) %s (I) %u

13/4p. double

14/4p. unsigned integer

15/4p. string

16/4p. 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. character

18/4p. float

19/4p. percent

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

20/2p. 33

21/2p. Abb

22/2p. 3

23/2p. 3

24/2p. 2

25/2p. bb#

26/2p. b4b

27/2p. a:

28/2p. A

29/2p. A\_

30/2p. c:c

31/2p. 4A4

Total points 100.

**Answer Key** (points per line)

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

Total points 100.