

**SQL Column Types**

Write each correct letter in the box provided. Closed book. No notes. Work strictly from memory.

Which SQL command does the needed action? (If no match mark J.)

- (A) `tinyint` (C) `int` (E) `largeint` (G) `medint` (I) `tinyint`  
(B) `bigint` (D) `integer` (F) `littleint` (H) `smallint`

- 1/1p.  integer: -128 .. 127 (one byte)  
2/1p.  integer: 9 digits (four bytes)  
3/1p.  integer: 20 digits (eight bytes)  
4/1p.  integer: -8388608 .. 8388607 (three bytes)  
5/1p.  integer: -32768 .. 32767 (two bytes)

Which SQL command does the needed action? (If no match mark J.)

- (A) `bigfloat` (C) `decimal(m,d)` (E) `fixed` (G) `floating` (I) `longfloat`  
(B) `currency` (D) `double` (F) `fixed(m,d)` (H) `ieee`

- 6/1p.  floating-point number, four bytes  
7/1p.  fixed-point number, m+2 bytes  
8/1p.  floating-point number, eight bytes

Which SQL command does the needed action? (If no match mark J.)

- (A) `byte` (C) `character` (E) `multichar` (G) `text` (I) `varchar`  
(B) `char` (D) `largetext` (F) `smalltext` (H) `tinytext`

- 9/1p.  character string, 1 to m+1 bytes  
10/1p.  character string, up to 256 bytes  
11/1p.  character string, up to 65536 bytes  
12/1p.  character string, m bytes

Which SQL command does the needed action? (If no match mark J.)

- (A) `date` (C) `hms` (E) `time` (G) `year` (I) `ymdhms`  
(B) `datetime` (D) `point` (F) `y` (H) `ymd`

- 13/1p.  hh:mm:ss, three bytes  
14/1p.  year, one byte  
15/1p.  YMD HMS eight bytes  
16/1p.  YYYY-MM-DD, three bytes

Total points 16.

**Answer Key** (points per line)

1 (1).	I	tinyint
2 (1).	C	int
3 (1).	B	bigint
4 (1).	J	mediumint
5 (1).	H	smallint
6 (1).	J	float
7 (1).	C	decimal(m,d)
8 (1).	D	double
9 (1).	I	varchar
10 (1).	H	tinytext
11 (1).	G	text
12 (1).	B	char
13 (1).	E	time
14 (1).	G	year
15 (1).	B	datetime
16 (1).	A	date

Total points 16.