

**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) `babyint` (C) `int` (E) `littleint` (G) `mediumint` (I) `tinyint`  
(B) `bigint` (D) `integer` (F) `medint` (H) `smallint`

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

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

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

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

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

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

- 9/1p.  character string, m bytes  
10/1p.  character string, 1 to m+1 bytes  
11/1p.  character string, up to 65536 bytes  
12/1p.  character string, up to 256 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.  YMD HMS eight bytes  
14/1p.  YYYY-MM-DD, three bytes  
15/1p.  hh:mm:ss, three bytes  
16/1p.  year, one byte

Total points 16.

**Answer Key** (points per line)

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

Total points 16.