

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

- 1/1p.  integer: 9 digits (four bytes)  
2/1p.  integer: -32768 .. 32767 (two bytes)  
3/1p.  integer: -128 .. 127 (one byte)  
4/1p.  integer: -8388608 .. 8388607 (three bytes)  
5/1p.  integer: 20 digits (eight 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.  floating-point number, eight bytes  
7/1p.  fixed-point number, m+2 bytes  
8/1p.  floating-point number, four 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, up to 256 bytes  
10/1p.  character string, m bytes  
11/1p.  character string, up to 65536 bytes  
12/1p.  character string, 1 to m+1 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.  year, one byte  
14/1p.  hh:mm:ss, three bytes  
15/1p.  YMD HMS eight bytes  
16/1p.  YYYY-MM-DD, three bytes

Total points 16.

**Answer Key** (points per line)

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

Total points 16.