

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

Total points 16.

Answer Key (points per line)

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

Total points 16.