SQL Test

Given the following table 'imag_code_test' :

ord_status	ord_id	ord_original_ord_id	ord_quantity	ord_trader	ord_update_date_time
active	1200	1200	199	A	1/29/2014 5:05
audit	1214	1200	-122	A	1/29/2014 4:25
audit	1205	1200	125	B	1/28/2014 11:05
audit	1251	1250	-25	B	1/9/2014 1:45
active	1250	1250	-25	A	1/29/2014 5:05
active	1240	1240	125	B	1/22/2014 5:15
active	1245	1245	225	B	1/19/2014 3:33
audit	1222	1245	225	B	1/19/2014 1:05
deleted	1300	1300	155	C	1/23/2014 2:05
active	1288	1288	90	C	1/23/2014 2:05
audit	1285	1275	-66	A	1/29/2014 4:05
active	1275	1275	-200	A	1/29/2014 5:05
audit	1289	1288	99	C	1/11/2014 5:05
audit	1291	1288	90	C	1/13/2014 5:05
audit	1294	1288	90	A	1/15/2014 5:05

Notes regarding 'imag_code_test' table :

- Audit Records of the trades are in the table.
- Records where the ord_original_ord_id are the same, sorted by time, shows audit history.
- Records where ord_id = ord_orginal_ord_id is the current record.
- ord_id is the primary key for the table

You are expected to provide a solution for the following questions using SQL. The goal should be to answer the questions correctly and to provide clear, easy to understand SQL that can be easily enhanced if requirements change.

Questions

1) Provide the name of the SQL Database you are using for your testing/queries (ie. Access, MS SQL Server, Sybase, Oracle, MySQL etc). Provide the DDL & DML used to create the above table and populate the table.

2) Provide a query that will show full audit history of order 1288.
   Expected results : Should be 4 rows, 3 Audit Records and 1 Active Record.

3) Provide a query that will return all ord_id who have never been changed (no audit records).
Expected results : ORD_ID = 1240 & 1300

4) Provide a query which returns top 2 traders with greatest total ord_quantity, highest quantity first
Expected results : Trader B then Trader C.

5) Provide a query that returns ord_id of active records who's ord_quantity changed sign (+/-) in anytime in its audit history
Expected result : Order 1200 has changed.

6) Provide a query that returns active orders that have changed over multiple days. (created Monday, adjusted Tue).
Expected result : Orders 1200,1250,1288 have changed