Advanced Database Test

45 minutes

Database name: Pharm
Table name: items

id	name	type	unit_price	quantity	purchase_price	add_date
1	Albafas 2.5% 5L	Dewormer	47187	12	47187	5/22/2023
2	Pen Strep 250Ml	Injectable	38000	1	38000	6/19/2023
3	Piloplasmin	NULL	18448	1267	18448	6/16/2023
4	Vapcodimidine	Injectable	14500	20	14500	6/16/2023
5	Healing Oil	NULL	18000	0	18000	5/26/2023

Questions

Write SQL query to;

1. Create the above database, table and insert the values above (10 marks)
2. Retrieve all the records the result should include only columns: **name, type, unit_price and quantity** (2 marks)
3. Retrieve all items that do not have a valid type (all items whose type = **NULL**) and have a unit price greater than 18000 (4 marks)
4. List the different item types only (eliminate duplicates) (2 marks)
5. List items that were added on the 16th June, 2023 (2 marks)
6. List all items and include a column called "***sales_price***". The **sales_price** is the purchase incremented by 1500 (5 marks)