Review for Final Exam, Part 2

For each of the following physical quantities, principles, or phenomena, think of a short phrase of no more than five words that conveys the essence of the idea as well as you can. For example, if the idea were Newton's second law, you might write "Forces cause change in motion," while

if the idea were Newton's second law, you might write "Forces cause change in motion," while if the idea were energy, you might write "Takes many forms, always conserved." Obviously there is no single correct response for each item, so use your poetic creativity (even as you try to keep the physics reasonably accurate).		
1.	Electric charge	
2.	Electric field	
3.	Coulomb's law	
4.	Principle of superposition	
5.	Gauss's law	
6.	Electric potential	

8.	Electric dipole
9.	Bound charge
10.	${f D}$ field
11.	Electric current
12.	Magnetic field
13.	Biot-Savart law

Laplace's equation

7.

15.	Magnetic dipole
16.	Paramagnetism
17.	Diamagnetism
18.	Ferromagnetism
19.	Bound current
20.	${f H}$ field

14. Ampere's law

22.	Flux rule
23.	Faraday's law
24.	Displacement current
25.	Poynting vector
26.	Gauge invariance

21. Ohm's law