

Please write your name and surname, index number.....

Napoleon Bonaparte knew physics well and he followed its progress until his exile to Saint Helena Island in 1815. Did Napoleon know:

	Please mark the correct answer with a cross	YES	NO
1	barometer	x	
2	Leiden jar	x	
3	diffraction of light	x	
4	electromagnetic induction		x
5	calorimeter	x	
6	vacuum pump	x	
7	the laws of electrolysis		x
8	ultraviolet radiation	x	
9	Volta's pile	x	
10	theory of caloric	x	
11	Ampère's formula		x
	Could these scientists know each other?	YES	NO
12	Aristotle and Archimedes		x
13	Galileo and Kepler	x	
14	Kelvin and Einstein	x	
15	Maxwell and Faraday	x	
	Please mark the correct answer with a cross	YES	NO
16	Volta discovered contact potential between metals	x	
17	D'Alembert worked on the theory of Moon's motion	x	
18	Kelvin introduced the notion of mean-free path of molecules		x
19	Maria Skłodowska-Curie discovered radioactivity of uranium		x
20	Bunsen and Kirchhoff introduced spectral analysis	x	
21	Fresnel developed a theory of diffraction of light	x	
22	Laplace performed calorimetric measurements	x	
23	Clausius formulated the second principle of thermodynamics	x	
24	Carnot supported the theory of caloric	x	
25	Franklin introduced two fluids of electricity		x
26	Chadwick discovered the neutron	x	
27	Rutherford invented the nuclear atom model in 1911	x	
28	Planck introduced photons		x
29	Boyle measured thermal expansion of gases		x

Please select the correct answer

30	Specific heat was discovered by	Black	Boyle
31	Photoelectric effect was discovered by	Einstein	Hertz
32	Pioneering studies of electricity and magnetism were made by	Kepler	Gilbert
33	Polarization of light by reflection was discovered by	Fresnel	Malus

34	Euler lived in the	XVII century	XVIII century
35	Theory of impetus was popular in the	XIV century	XVIII century
36	Electromagnetic waves were discovered by	Hertz	Heaviside
37	Magnetic action of an electric current was discovered by	Volta	Oersted
38	Kepler's <i>Astronomia nova</i> preceded Newton's <i>Principia</i> by	More than 50	Less than 50
39	Diffraction of light was discovered by	Young	Grimaldi
40	Schrödinger's wave mechanics was proposed in	1913	1926