

Model Answer

Group (1)

1	Static electricity		
2	Doesn't flow		
3	A scaler		
4	-paint cars		
5	-computer printers		
	-remove pollution from smoke-chimneys		
6	are materials in which electric charge is not easily transported		
7	Coulombs	8	true
9	False (negatively charge)	1 0	true

Group (2)

1	False (electric field)	16	d) all of them
1			
1	true	17	b- increase four times
2			
1	False (Inversely)	18	Repel
3			
1	true	19	Repel
4			
1	b) $N \cdot m^2 / c^2$	20	attract

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5			
2			
1			
2			
2			
2			
3			
2			
4			

Group (3)

25	Vector	28	C) outwards
26	Electrometer	29	D) Both A and C.
27	N/C	30	D) Depends on the type of electrical charges
31 32			

Group (4):

33	False	36	False
34	False	37	A) farad
35	True	38	b) 200 μC .
39 40			

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مُعْطِيَةُ الْأَمْنِ وَالنَّجَاحِ وَالتَّفُوقِ