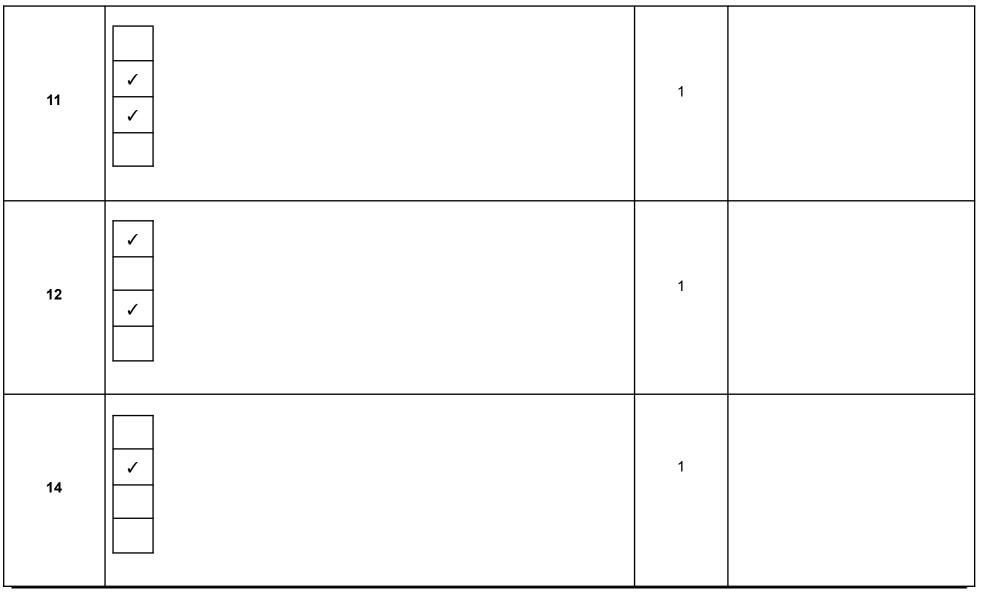
Question	Answer	Marks	Guidance
1	В	1	
2	С	1	
3	A	1	
4	D	1	
5	A	1	
6	В	1	
7	D	1	
8	2 K ₃ PO ₄ + 3 Ca(NO ₃) ₂ → 6 KNO ₃ + Ca ₃ (PO ₄) ₂	1 1	one mark for correct balancing of each side of the equation
9	D	1	
10	В	1	

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15		1	
16		1	
17	close to true value repeats close to mean	1 1	

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18a(i)	Particle proton neutron electron		Relative massRelative charge1+11-11/18400		1 1 1	one mark for each correct row		
18a(ii)	Element	Mass number 23	Protons 11	Neutrons 13	Charge 0	Electron configuration 2.8.1		ne mark for each correct row
	s	34	16	18	2-	2.8.8	1	
18b	Similarities Differences			1				
18c	identify mole shows isotop		ke up an ele	1				