







Smart DPPs

Let oxidation state of Cr = x $NH_3=0$ Cl = -1Net charge =+1 $\therefore [Cr(NH_3)_4Cl_2]^+$ $x+4\times 0+2(-1)=+1$ x = +3:. 17 (b) Phenols are acidic; alcohols are neutral. 18 (b) $2 \times a + 4 \times (-2) + 2 \times 0 + 2 \times 0 = -2, \quad \therefore a = +3$ 19 (c) CH₃MgI (Grignard reagent) is an organometallic compound due to C— Mg bond. 20 (c) Effective atomic number = electrons in Cr^{3+} + electrons form 6NH₃ ligands. $=21+6\times2=33$

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ANSWER-KEY										
Q.	1	2	3	4	5	6	7	8	9	10
A.	С	В	Α	В	В	D	С	D	D	В
Q.	11	12	13	14	15	16	17	18	19	20
A.	В	Α	D	D	Α	D	В	В	C	С

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