Practice Question Set For A-Level
Subject : Chemistry
Paper-1 Topic: Inorganic 2

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Name of the Student:_____
Max. Marks : 20 Marks **Time : 20 Minutes**

Mark Schemes

Q1.
C

They form a cobalt(II) complex with a tetrahedral shape.

[1]

Q2.
A

$[CoCl_4]^{2-}$ is square planar.

[1]

Q3.
C

$FeSO_4$

[1]

Q4.
C

They have no effect on the value of the equilibrium constant.

[1]

Q5.
B

ligand substitution

[1]

Q6.
C

decomposition of ozone

[1]

Q7.
D

$CoO + 4\ HCl \rightarrow [CoCl_4]^{2-} + H_2O + 2\ H^+$

[1]

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Q8.

B

[1]

Q9.

A

[1]

Q10.

D

[1]

Q11.

A

[1]

Q12.

C

[1]

Q13.

D

[1]

Q14.

C

[1]

Q15.

B & C

[1]

Q16.

C

[1]

Q17.

D

[1]

Q18.

B

[1]

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Q19.

C

[1]

Q20.

D

[1]

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