

NAME:		ROLL NO:		TIME:	10: MIN
SUB:	Chemistry	Date:		CLASS:	1 st Year
SYLLABUS	Chp. 16 (Lab Safety and Practical Skills)	T. MARKS	7	OBT. M	

Q. 1 Choose the Correct Answer. Cutting, Erasing, Double Selection is Strictly Prohibited. (1x7=7)

- While taking a reading with a burette, why it is always advisable to read the lower meniscus for the colourless liquids and the upper meniscus for the coloured liquids?**

(A) Because it is more convenient
 (B) Because colourless liquids have more surface tension than coloured liquids
 (C) Because lower meniscus does not exist for coloured liquids
 (D) Because of the parallax effect
- Why phenolphthalein indicator is more appropriate to use during the titration which involve a strong acid and a strong base?**

(A) Because it is itself weakly acidic.
 (B) Because the pH at the equivalence point as well as the pH over where the colour of phenolphthalein changes match each-other.
 (C) Because the solution at the end o titration is acidic.
 (D) Because the solution at the end of titration in basic.
- Which cation gives a white gelatinous precipitate upon the addition of aqueous ammonia?**

(A) Cr^{3+} (B) Cr^{2+}
 (C) Zn^{2+} (D) Al^{3+}
- Addition of NH_4OH to an aqueous solution of a cation gives a green precipitate which turns brown upon standing. Which basic radical is indicated?**

(A) Cu^{2+} (B) Cr^{3+}
 (C) Fe^{2+} (D) Fe^{3+}
- On dry heating test for salt analysis, the evolution of a colourless, odorless gas that turns limewater milky suggests the presence of:**

(A) Chloride ion (Cl^-) (B) Sulfate ion (SO_4^{2-})
 (C) Carbonate ion (CO_3^{2-}) (D) Nitrate ion (NO_3^-)
- The chromyl chloride test is a specific confirmatory test for:**

(A) Bromide ions (Br^-) (B) Iodide ions (I^-)
 (C) Chloride ions (Cl^-) (D) Sulfate ions (SO_4^{2-})
- The brown ring test is a confirmatory test for which acid radical?**

(A) Chloride (Cl^-) (B) Nitrate ion (NO_3^-)
 (C) Sulfate (SO_4^{2-}) (D) Carbonate ion (CO_3^{2-})



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1ST YEAR SOLVED EXERCISE MCQs



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Answer Key

1	D	2	B	3	D	4	C
5	C	6	C	7	D		