

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END-SEMESTER EXAMINATION)

CLASS: BPHARM
BRANCH: PHARMACY

SEMESTER: I/BACKLOG
SESSION: MO 2018

SUBJECT: BP104T PHARMACEUTICAL INORGANIC CHEMISTRY

TIME: 3.00 Hours

FULL MARK: 75

INSTRUCTIONS:

1. The missing data, if any, may be assumed suitably.
 2. Before attempting the question paper, be sure that you have got the correct question paper.
 3. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
 4. This question paper consists of (03) three parts. Read the part wise instructions before attempting the questions.
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PART-I

Objective types questions (Instruction: Answer all questions)

Q1.

- A. Name two antiseptic compounds.
- B. Name two dental products.
- C. Name an antacid and another slow acting antacid.
- D. Name two Bleaching agents.
- E. Formula of Sodium Phosphate is
- F. Silver nitrate is agent.
- G. Copper sulphate is an agent.
- H. Which Potassium compound is antileishminiasis? Which Sodium compound makes an isotonic solution?
- I. Gold compounds are used for.....
- J. Ferric ammonium citrate is

PART-II

Short Answers

(Instruction: Answer seven out of nine questions)

(7 x 5 = 35 marks)

- Q2. Write the laboratory preparation of Hydrogen Peroxide.
- Q3. Write the Manufacturing process of Hydrochloric acid.
- Q4. Write the test for purity of Iodine.
- Q5. Write the assay of Boric acid.
- Q6. Write the test for purity of Sodium Phosphate.
- Q7. Give the preparation of ferric ammonium citrate.
- Q8. Give the preparation of brine.
- Q9. Give the uses of sodium thiosulphate alone and in combination.
- Q10. Give the test for purity for Potassium bromide.

PART-III
Long Answers
(Instruction: Answer two out of three questions)

(2 x 10 = 20 marks)

- Q11. Detail out the limit test for Arsenic.
- Q12. Give the preparation, test for purity and assay of sodium citrate.
- Q13. Give the complete monograph of calcium carbonate.

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