



BBX-2059

Seat No. _____

M. Sc. (Sem. IV) Examination

April / May - 2014

CHN-702(O) Organic Chemistry : Paper - II

Time : 3 Hours]

[Total Marks : 70

Instruction : All questions carry equal marks.

- 1 Answer any three :
 - (1) Give the name of various processes of distillation of petroleum and give an account on any one.
 - (2) Write a note on C_2 chemicals.
 - (3) Write a note on polyester fibers.
 - (4) Give an account on Aromatic Chemicals
 - (5) Explain the process of refining of crude oil

- 2 Answer any three :
 - (1) Write a note on classification of paints and give their examples
 - (2) Write a note on manufacture of varnish.
 - (3) What are propellants?
 - (4) What are military explosives?
 - (5) Write a note on toxic chemical agents.

- 3 Answer any three :
 - (1) What are Resins? Give production and uses of polymethyl methacrylate.
 - (2) Give the difference of Nylon6 and Nylon6,6. Give the manufacture and uses of Nylon6,6.
 - (3) Give a detail account of co-polymers of ethylene
 - (4) Explain cross linking in polymer with illustrations.

4 Answer any three :

- (1) Discuss the small scale manufacture of writing ink.
- (2) Discuss the small scale manufacture of Agarbittis and phenyl dis-infectant.
- (3) Write small scale manufacture of naphthalene balls and wax candles.
- (4) How can you remove different stains from clothes
- (5) Discuss the small scale manufacture of safety matches.

5 Answer any seven :

- (1) What is cordite? Explain
- (2) What is gun powder?
- (3) What are the uses of Teflon
- (4) Give one example of cyclization reaction to prepare a polymer
- (5) Give the differences of thermo plastic and thermo setting.
- (6) What are live polymers?
- (7) What is kieselghur and gumtragacanth ?
- (8) Give the structure and industrial uses of cumine and di iso butylene.
- (9) Write the names of different classes of coal
- (10) What is coke own gas and how light oil can be prepared on it.
- (11) Name any three pigments having blue color.
- (12) Which are different types of detergants?