

P48/HSC262/EE/20160519

Time : 3 Hours

Marks : 80

Instruction :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Write note on sanitation. 5
 - b) Draw Pharmaceutical packing line flow chart. 5
 - c) Write note on Industrial safety as per work place. 5
 - d) Write note on Tablet manufacturing. 5
 - e) Define Filtration, Drying, Distillation. 5
2. Solve any **four** sub-questions.
 - a) What are different types of stores? 5
 - b) Enlist GMP principles? Explain importance of GMP. 5
 - c) What is Pharmaceutical Packing? Explain advantages of primary packaging materials. 5
 - d) Write note on Water for pharmaceutical use. 5
 - e) Write note on VTD. 5
3. Solve any **four** sub-questions.
 - a) Draw process flow for tablet manufacturing. 5
 - b) Write name of machines which are used for packing. 5
 - c) Write down different parts of blender and sifter. 5
 - d) Classify milling based on principle with example. 5
 - e) Write note on Earthing. 5

4. Solve any **four** sub-questions.
- a) Write down different testing of packed products. 5
 - b) Write down different types of air filters. 5
 - c) Define Pollution. Write down different types of Pollution. 5
 - d) Write in brief on Effluent Treatment Plant (ETP) 5
 - e) Write down different in process test during tablet manufacturing. 5

