Interview Questions for Pharmaceutical industry related jobs (QA,QC,Production,RA,f&d) for B.pharma /M.pharma:
Interview questions mostly asked during technical round in Production :
01. Q. Which type of tablets are exempted from Disintegration testing?
A. Chewable Tablets
02. Q.What are the common variables in the manufacturing of tablets?
A.
· Particle size of the drug substance
· Bulk density of drug substance/excipients
· Powder load in granulator
· Amount & concentration of binder
· Mixer speed & mixing timings
· Granulation moisture content
· Milling conditions
· Lubricant blending times
· Tablet hardness
· Coating solution spray rate
03. Q. Whether bracketing & validation concept can be applied in process validation?
A.Both Matrixing & Bracketing's can be applied in validation studies.
Matrixing
Different strength of same product
Different size of same equipment
Bracketting - Evaluating extremes
Largest and smallest fill volumes
Fastest and slowest operating speeds
04. Q. What is the difference between calibration and Validation?
A. Calibration is a demonstration that, a particular
Instrument or device produces results with in specified limits by comparisons with those produced by a reference or traceable standard over an appropriate range of measurements.
Where as Validation is a documented program that provides high degree of assurance that a specific process, method or system consistently produces a result meeting pre-determined acceptance criteria.
05. Q. WHAT ARE GOOD MANUFACTURING PRACTICES (GMP)?
A. Good Manufacturing Practices are a set of regulations, codes, and guidelines for the manufacture of: Drug substances and drug products, Medical devices, In vivo and in vitro diagnostic products, Foods
The term "cGMP" is used by the federal government as current good manufacturing practices. By definition, "cGMP" indicates that the current GMP - which is "state of the art" - can change. "GMP"

and "cGMP" are often used interchangeably and essentially they have the same meaning.
06. Q. WHO ENFORCES GOOD MANUFACTURING PRACTICES (GMP)?
A. Good Manufacturing Practices are enforced in the United States by the FDA (Food and Drug Administration)
Good Manufacturing Practices are enforced in the United Kingdom by the Medicines and Healthcare Products Regulatory Agency (MHRA)
Good Manufacturing Practices are enforced in Australia by the Therapeutical Goods Administration (TGA)
Good Manufacturing Practices are enforced in India by the Ministry of Health, multinational and/or foreign enterprises and those individuals in the following positions:
Each of the inspectorates carry out routine GMP inspections to ensure that drug products are produced safely and correctly.
07.Q.LIST OUT THE APPEARANCE DEFECTS OF TABLES DURING COMPRESSION ACTIVITY ?
Capping:- 'Capping' is the term used, when the upper or lower segment of the tablet separates horizontally, either partially or completely from the main body of a tablet and comes off as a cap, during ejection from the tablet press, or during subsequent handling.
Laminating:- 'Lamination' is the separation of a tablet into two or more distinct horizontal layers.
Sticking/filming: ' Sticking' refers to the tablet material adhering to the die wall. Filming is a slow form of sticking and is largely due to excess moisture in the granulation.
Cracking:- Small fine cracks observed on the upper and lower center surface of the tablets, or very rarely on the side wall are referred to as cracks.
Chipping:- ' Chipping' is defined as the breaking of tablet edges, while the tablet leaves the press or during subsequent handling and coating operation.
Mottling:' Mottling' is the term used to describe an unequal distribution of colour on a tablet.
Double Impression: ' Double impression' involves only those punches,which have a monogram or other engraving on them.
8. Q What is the standard number of rotations used for friability test?
A. 100 rotations
9. Q What is the fall height of the tablets in the friabilator during friability testing?
A. 6 inches.Tablets falls from 6 inches height in each turn within the apparatus.
10. Q Which capsule is bigger in size - size '0' or size '1'?
A. '0' size

11. Define process flow of API manufacturing?
12. Define process flow of Tablet manufacturing?
13. Define process flow of Sterile Lyophilized manufacturing?
14. Define process flow of Biotech product manufacturing?
Interview question mostly ask during HR round:
1. Tell me about yourself.
2. What are your two best points?
3. What are your two weakest points?
4. What are three things you want to change about yourself?
5. How do you handle conflict?
6. Explain your leadership/research/volunteer experiences?
7. What extracurricular activities are you engaged in?
8. Where do you see yourself in five/ten years?
9. What do you do in your spare time?
10. What do you do to relieve stress?
11. What qualities do you have that you think are important for an effective leader to have?
Interview question mostly ask for fresher in B.pharm or M.pharm:
1. Describe your project work during M.Pharm.
2. Equipment knowledge and handling during project B.pharm or M.pharm