

BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY), PUNE, INDIA
PhD Entrance Test – 2020
SECTION-II: Drug Regulatory Affairs - 50 Marks

1)	GMP & GLP guidelines - The Drugs and Cosmetics act, 1940 and Rules with emphasis on Good laboratory practices and requirements of premises and equipments (Schedule L-I), Good manufacturing practices for pharmaceutical products (Schedule M), Good manufacturing practices for homeopathic medicines (Schedule M-I), Requirements of factory premises for manufacture of cosmetics (Schedule M-II), Good manufacturing practices for Ayurvedic, Siddha and Unanni medicines (Schedule T).
2)	ICH Guidelines for stability, analytical method validation
3)	Drug registration process & types - Preparation of CTD Document
4)	Narcotics Drugs and Psychotropic Substances Act; Medicinal and Toilet Preparations (Excise Duties) Act, 1955; Drugs and Magic Remedies (Objectionable Advertisements) Act, 1955
5)	Documentation, Audits & Inspections: Master formula record, Batch packaging records, Standard operating procedure, Certificate of analysis, validation protocols, Stability protocol, Maintenance of records in Pharmaceutical industry. Audit types – Internal audit, external audit, regulatory audit. General process of audit planning.

References:		
1	Willing, Tuckerman and Hitchings, Good Manufacturing Practices for Pharmaceuticals	
2	Common Technical documents (ICH guidelines).	
3	WHO GMP guidelines	
4	Establishing a cGMP Laboratory Audit System, A practical Guide by David M.Bleisner, Wiley Publication.	
5	How to practice GLP by PP Sharma, Vandana Publications	
6	www.mhra.gov.uk	
7	www.who.int	
8	www.ich.org	
9	https://cdsco.gov.in	
10	www.fda.gov	
11	www.emea.europa.eu	
