


Name:			
Enrolment No:			
UPES Dehradun End Semester Examination May 2025			
Course: Quality Assurance Program: B. Pharm Course Code: BP606T		Semester: VI Duration: 03 Hours Max. Marks: 75	
Instructions: No additional material like graph paper, log table, <i>etc</i> is allowed for this examination.			
SECTION A (20 Q x 1 M = 20 Marks)			
S. No.	Attempt all questions from section A.	Marks	COs
Q 1	ISO 9001 primarily focuses on which of the following core elements? a) Quality policy b) Quality documentation c) Quality audit d) Quality review	1	CO1
Q 2	What are the key principles of GMP? a) Product packaging and marketing b) Ensuring consistent product quality and controlling cross-contamination and mix-ups c) Product branding d) Cost-effectiveness of production	1	CO1
Q 3	Which act in England, passed in 1540, initiated the inspection of medicines? a) The Medicines Act b) The Drugs and Cosmetics Act c) Apothecaries Wares, Drugs and Stuffs Act d) British Pharmacopoeia Act	1	CO1
Q 4	Which type of glass is suitable for storing acidic and neutral aqueous preparations for parenteral use? a) Type I – Borosilicate glass b) Type II – Treated soda lime glass c) Type III – Soda lime glass d) Type IV – General-purpose glass	1	CO1
Q 5	Which regulatory authority is responsible for drug regulation in India? a) FDA b) EMEA c) CDSCO d) TGA	1	CO2
Q 6	Which of the following department holds responsibility for quality monitoring and audits in the pharmaceutical industry? a) Regulatory affair b) Quality control c) Quality assurance d) Production	1	CO2
Q 7	Below is the correct sequence to handling complaints in the pharmaceutical industry: a) Receiving complaint, Investigation, corrective actions, feedback to customer, Trend analysis by QC b) Investigation, Receiving complaint, corrective actions, Trend analysis by QC, feedback to customer	1	CO2

	c) Receiving complaint, Trend analysis by QC, Investigation, feedback to customer, corrective actions d) Receiving complaint, feedback to customer, Trend analysis by QC, corrective actions, Investigation		
Q 8	What is considered a subjective criterion in the Brown-Gibson model? a) Cost of labor b) Physical appearance c) Availability of spares d) Maintenance frequency	1	CO2
Q 9	What is the purpose of using different disinfectants in rotation in cleanrooms? a) To reduce cost b) To make the room smell fresh c) To prevent development of resistant microorganisms d) To increase shelf life of products	1	CO3
Q 10	What is a critical requirement to avoid overlaps and gaps in responsibilities? a) Job rotation b) Verbal instructions c) Written job descriptions d) Frequent meetings	1	CO3
Q 11	What is the purpose of specific training for personnel working in clean or high-risk areas? a) To increase salary b) To improve manufacturing speed c) To reduce risk of contamination and exposure d) To reduce documentation load	1	CO3
Q 12	Reference standard for preparing batch manufacturing record by a manufacturing unit is a) Quality audit b) Master Formula records c) Standard Operating Procedure d) All of the above	1	CO3
Q 13	Clean rooms are classified according to the a) Airchecks/ hour b) Material being processed c) Number & size of particles permitted per volume of air d) All of above	1	CO3
Q 14	What is the minimum pressure differential required between the manufacturing area and the support areas? a) 15 pascals b) 25 pascals c) 50 pascals d) 100 pascals	1	CO3
Q 15	According to ICH guidelines, how many primary batches are recommended for photostability testing? a) At least 1 b) At least 2 c) At least 3 d) At least 4	1	CO3
Q 16	Process control is carried out a) During production b) Before product c) After production d) All of the above	1	CO3

