

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 M.Sc. (IV Sem) EXAMINATION- FEB-2023

COURSE CODE (CREDITS): 21MS2MB414 (3)

MAX. MARKS: 15

COURSE NAME: QC Analysis and Management

COURSE INSTRUCTORS: Dr. Gopal Singh Bisht

MAX. TIME: 1 Hour

*Note: All questions are compulsory. Marks are indicated against each question in square brackets.*

Q1. Answer/explain the followings by taking appropriate examples. [1.5 x 4 = 6]

- a) How would you generate a plan to solve quality problems in manufactured products in pharmaceutical industries?
- b) In quality management, explain with example how cost of product is linked with quality?
- c) When you adopt Pareto diagram in quality control process, explain.
- d) Enumerate attributes that may be used to define quality.

Q2. What facts can you gather to explain the importance of implementing ISO quality system for an organization? Explain the process of ISO audit. [3]

Q3. How would you explain quality of design, quality of conformance, and quality of performance influence the quality of a product or service? [3]

Q4. Prepare model specifications that include all the main tests that need to be carried out to establish identity, content, and purity of chemically/or biotechnologically produced peptides or proteins? [3]