



UNIVERSITY OF SAHIWAL

Bachelor of Computer science (BSCS-EI-2019-23)

Department of Computer Science

Course Title: Design and Analysis of Algorithm

Course Instructor: Muhammad Umar Draz

Time Allowed: 2.0H

Max Marks: 50.

Attempt all questions.

(50)

Q1: Solve the Knap Sack Problem with assume the weight of knap is mixture of even and odd numbers?

Q2: Discuss the Huffman coding with greedy algorithm? Is it related to activity selection process?

Q3: Draw the graph and di graph for multi edges?