

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)

ORGANISATION OF ISLAMIC COOPERATION (OIC)

Department of Computer Science and Engineering (CSE)

Course code 1: CSE 4615

DEADLINE: 15th January 2020

Course code 2: CSE 4671

QUIZ 4 ASSIGNMENT (10% Marks)

Question 1: How does WRAN use TV white spaces to communicate? Why is it effective/advantageous? Write the answer in at least one page (A4 size).

Question 2: Why are routing metrics so important in determining the performance of networks? How are metrics used to perform routing? Explain with some examples in at least one page (A4 size).

Question 3: How is Wastage-Aware Routing different from traditional Energy-efficient Routing? Write the differences using points or paragraphs in at least one page (A4 size).

Question 4: Which of the taught routing protocols (Lecture 18 and 19) is the best? Give your own reasoning why it is the best compared to the others in at least page (A4 size).

Question 5: [This question is only for TVE students] How does GSM use the medium effectively to perform communication between BTS tower and Mobile Stations (MSs)? There are multiple techniques used, you can explain each in short using your own language. There is no page range for this question and marks will be given accordingly.