

# AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Engineering

Program: Bachelor of Science in Computer Science and Engineering

Spring 2019 Year: 2<sup>nd</sup> Semester: 2<sup>nd</sup>

Course No.: CSE 2200

Course Title: Software Development III

Midterm Examination

Time: 30 Minutes

Total Marks: 20

Student ID: \_\_\_\_\_ Name: \_\_\_\_\_ Obtained Marks: \_\_\_\_\_

*(There is no alternative to any of the questions. The mark of each question is mentioned in the right.)*

Question 1: Describe Activity Lifecycle. [5.0]

Question 2: Write down five different versions of Android OS with their names. [2.5]

Question 3: Write down the main layers and sections of Android OS architecture. [2.5]

Question 4: Suppose, a project has been opened in Android Studio. To design the following, coding is needed in the *activity\_main.xml* file. Write the necessary codes to design the following using Linear Layout. [10]

