<u>**Sample of Examination questions:**</u>

WRITTEN EXAMINATION

*Course: **Bioinformatics**, Code: BF3123*

Academic year: 2017-2018, Semester: 1; Exam question: 1

(duration of exam: 60 min) Do not use material

Question 1: Please describe the concepts and basic requirement of Bioinformatics

Question 2: Compare the differences and the abilities to deploy the usage of the tow data analysis programs "Clustal Omega" and "BLAST"

Question 3: Describe the ability to employ the application of Bioinformatics to develop the methods to separate a precious gene while the database has only one scientific finding about the sequence of the above gene structure?

WRITTEN EXAMINATION

Course: Microbiological practical lab work; **Code**: BF 3013, BF3112

Year: 2017-2018   Semester 1

EXAM 17

(Exam duration: 20 mins)

Use reference materials: x

Do not use reference materials:

Question 1: (5 points) *Theory*: Present the method for isolation of thermostable aerobic microorganism strain having amylase synthesizing ability.

Question 2 (5 points) *Practice*: Looking at a sample of yeast culture medium and making brief conclusion.