**Question1:**

After reading the situation has given below as a product owner, in this case I believe that the Agile method is a properly choice because of some reasons:

a) The first is about requirements characteristic:

**+** Reliability**:** The requirements are clearly to understand, well-defined and possible by university.

**+** Quantity of requirement**:** The project has a multiple of functional and non-functional requirements, as evidenced by the description it has 3 big features we should notice which are clearly and easily defined.

- 3 Functional:

+ For lecturer: it should provide ability to manage constructive questions and group of students. They also can import the information from FAP system or Excel.

+ For Student: Students can see the question in system and give the own critical opinions then evaluate member in the same groups.

+ For staff: The system must provide the statistic on class hour and monitor student’s feedback.

**+** Determination of requirements at an early state: the requirements are expressed in great detail but it isn’t enough to build a completed system so FU can add or remove some feature in the development time of project.

b) The second is about Development team:

+ Team composition: The team has 4-6 members, it is suitable for a project Scrum method.

+ The team members have same language and have experience resource in IT but they don’t have any project like this so far. This condition significantly contributes to my Agile method very much.

+ They also have the supporting from another department when they need

c) The final conclusion:

In conclusion, based on the afore mentioned characteristics that I listed above, I reiterate my recommendation for **the AGILE METHOD** as the most suitable approach for this project also they should deliver part of project earlier to get feedback from user. This choice is grounded in the project's medium scale, intricate array of requirements, the critical need for early fault detection, and the methodology's applicability to projects characterized by initially requirements...

**Question2:**

There is no mention of the tester's knowledge or experience in the project description, making black-box testing is the most suitable and wise choice. Because this type of testing doesn’t need any analyst, as detailed technical knowledge of the system is not necessary. Therefore, I suggest that the team use black-box testing as it will create a chance Users have condition to involvement to identify and providing feedback, specifically with regards to the system's usability cause of this is a new project which never ever has a system like this before.

**Question3:**

1)Four functional requirements:

a. Mange questions: allow lecturer give and create a list of question for student group.

b. Report and evaluate: Lecture also can create a report about activities and review of a group or a personal student on class. Student also vote the present of another member.

c. Do and give opinion: Student can answer the question and quiz of lecturer directly on system

d. Given statistic: It about System auto take the information by time on class of student so academic staff can monitor.

2) Non-functional requirements:

a. Log in by email: Using FU’s email to access into system by the way it provides both high privacy and safety for user.

b. Performance: The user interface and system operation should maintain a consistent and reliable.

**Question6:**

1.As a student, I want to be assured that I can submit and edit my answer multiple time, so my work can change when I know where is wrong and get high score.

2.As a academic staff, I can see the results and statistic of hour constructivist method on class of student so I can identify problem and update about Its performance to University.

**Question7:**

