



**BOGOR AGRICULTURAL INSTITUTE
FACULTY OF FORESTRY AND ENVIRONMENT
UNDERGRADUATE PROGRAM OF FORESTRY
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EDUCATION ADMINISTRATION IMPLEMENTING
COMMISSION**

ODD ONLINE MIDDLE SEMESTER EXAM 2021/2022

Subject : Agroforestry (SVK427) Question Maker : Prof. Dr. Nurheni Wijayanto
Date and time : Wednesday, 06 October 2021
Time : 10.00-12.00 PJ Online : Dr. Adisti PP Hartoyo
Room : newlms

Attention :

1. Write Name and NIM
2. Answers are written systematically and completely
3. Do the easy questions first
4. Pray before and after the exam
5. It is strictly forbidden to copy and paste the answers of friends.

Exam Questions :

1. Explain the meaning of agroforestry in full! (LO 1)
2. Explain the benefits of agroforestry for forest development and sustainable forest management! (LO 1)
3. Explain the benefits of agroforestry for controlling global warming! (LO 1)
4. Explain the meaning and benefits of agroforestry: silvopasture, apiculture, sericulture, silvofishery, and riparian buffer zone! (2)
5. Describe shade-tolerant food crops and medicinal plants that have the potential to be developed! (5)
6. Explain the types of multipurpose trees (MPTS) and nitrogen fixing trees that are important as components of agroforestry! (LO 6)
7. Explain the importance of developing innovation and technology for various agroforestry products! (LO 7)
8. Explain the role of agroforestry in the Multi-Business Forestry program at KLHK! (LO 1)
9. Explain an example of successful agroforestry development on peatland and its role in controlling KARHUTLA! (LO 3)
10. Explain the importance of markets, marketing techniques, and building marketing networks in agroforestry! (LO 4)
11. Explain the position and role of millennial farmers in agroforestry development! (LO 6)
12. Explain the forms of agroforestry that have the potential to be developed in dry land areas and small island areas! (LO 5)

13. Explain the role of agroforestry for food security and economic development in rural areas! (LO 6)
14. Explain the statements “agroforestry is the forestry system of the future” and “agroforestry is the agricultural system of the future”! (LO 7)
15. Explain the importance of understanding the "process of photosynthesis" in agroforestry! (LO 2)
16. Explain the aspects that must be considered in developing agroforestry! (LO 4)
17. Explain the importance of understanding plant characteristics and component interactions that occur in agroforestry! (LO 2)