

Test preview EUFO LDF ZS 2016/2017

The preview shows the test as the students will see it.

Instructions for completing the test:

Evaluation: Only correct answers are counted.

Block of questions 1

Instructions for a block of questions:

1. Production forests, protection forests and special-purpose forests are: 2 pt.
Select one from the following options.
 - small size protected localities
 - forest categories
 - forest research plots
 - soil units

2. Select the correct expression: 2 pt.
Select one from the following options.
 - Chalara fraxinea occurs on ash
 - Alder decline is caused by Mycosphaerella pini
 - Lymantria is an anamorph of Dutch elm disease
 - Erysiphe forms rhizomorphs

3. Eu-stress is: 2 pt.
Select one from the following options.
 - a stress caused by complex of factors.
 - one of the phases of stress reaction of trees.
 - a negative impacting stress.
 - an activating, stimulating stress and a positive element for plant development.

4. Brown rot is caused by: 2 pt.
Select one from the following options.
 - Dothistroma septosporum
 - Armillaria mellea
 - Serpula lacrymans
 - Heterobasidion annosum

5. The percentage of European forest fires caused by human activities is: 2 pt.
Select one from the following options.
 - cca 75 %
 - cca 66 %

- cca 95 %
- cca 53 %
6. The most important biotic injurious agent in Central and Eastern Europe forests is: 2 pt.
Select one from the following options.
- Armillaria spp.
- engraver beetles.
- needle blights.
- grubs of Lymantria spp.
7. Select the root pathogens of Norway spruce: 2 pt.
Select one from the following options.
- Phellinus igniarius and Laetiporus sulphureus
- Mycosphaerella dearnessii and Dothistroma septosporum
- Melolontha melolontha and Melolontha hippocastani
- Heterobasidion annosum and Armillaria spp.
8. Planting and sowing belong to: 2 pt.
Select one from the following options.
- soil scientific site evaluation
- financial support of a local forest manager within a pollution stress of forest ecosystems
- artificial regeneration
- forest protection practices
9. The most important abiotic injurious agent in Central and Eastern European forests is: 2 pt.
Select one from the following options.
- wind.
- frost.
- fire.
- drought.
10. Stress is: 2 pt.
Select one from the following options.
- a complex disease.
- a chronic climatic damage to ecosystems.
- a complex of unspecific reactions of an organism to pressure.
- a destructive effect of the environment on an organism.
11. Select the correct expression: 2 pt.
Select one from the following options.
- Armillaria forms rhizomorphs

- Heterobasidion is an anamorph of Dutch elm disease
- Sphaeropsis sapinea occurs on ash
- Ash dieback is caused by Mycosphaerella pini
12. Clearing and thinning belong to: 2 pt.
Select one from the following options.
- annual volume of roundwood imports
- services provided by the government for forest management
- silvicultural practices
- the most important nongovernmental organisations' sorts of aid to forest management
13. Forest decline is: 2 pt.
Select one from the following options.
- an interaction of interchangeable, specifically ordered abiotic and biotic factors to produce a gradual general deterioration, often ending in death of trees.
- a decline of health status of trees.
- a decline of radial growth of trees.
- one of the types of stress injury.

Block of questions 2

Instructions for a block of questions:

14. Skidding of heavy loads over long distances requires the use of: 2 pt.
Select one from the following options.
- a skidder
- a chute
- a horse
- a farm tractor
15. Sweep is a defect belonging to the group of: 2 pt.
Select one from the following options.
- fungi
- wood structure defects
- stem defects
- knots
16. The minimum width of a strip road for skidder is calculated as: 2 pt.
Select one from the following options.
- machine width plus 3 m
- machine width plus 4 m
- machine width plus 2 m
- machine width plus 1 m

17. Minimum hinge thickness is approximately: 2 pt.
Select one from the following options.
- 1/10 of stem diameter
 - 1/3 of stem diameter
 - 1/2 of stem diameter
 - 1/5 of stem diameter
18. Spiral grain is a defect belonging to the group of: 2 pt.
Select one from the following options.
- stem defects
 - fungi
 - wood structure defects
 - knots
19. The highest-quality assortment is called: 2 pt.
Select one from the following options.
- veneer
 - pulpwood
 - firewood
 - saw logs
20. To measure the length of timber, we use: 2 pt.
Select one from the following options.
- a calliper
 - a wedge
 - a stem belt
 - a logger tape
21. The maximum slope inclination for a farm tractor in a forest is: 2 pt.
Select one from the following options.
- 25 %
 - 15 %
 - 40 %
 - 30 %
22. A tool for tilting of a tree during felling is called: 2 pt.
Select one from the following options.
- a stem belt
 - a logger tape
 - a wedge
 - a calliper

23. Timber extraction with horses belongs to: 2 pt.
Select one from the following options.
- animal skidding
 - gravity skidding
 - mechanized skidding
 - manual skidding
24. Bark pocket is a defect belonging to the group of: 2 pt.
Select one from the following options.
- wood structure defects
 - stem defects
 - knots
 - fungi
25. Optimal distance for horse skidding is in the range: 2 pt.
Select one from the following options.
- 100 -- 150 m
 - 50 -- 100 m
 - 200 -- 250 m
 - 150 -- 200 m

Block of questions 3

Instructions for a block of questions:

26. LAI index means: 2 pt.
Select one from the following options.
- latitude abundance index
 - longitude abundance index
 - leaf alternation index
 - leaf area index
27. Plants adapted for growth in wetlands are: 2 pt.
Select one from the following options.
- halophyte species
 - mesic species
 - xeric species
 - hydric species
28. Entomophily is: 2 pt.
Select one from the following options.
- dispersal of seeds by insects
 - distribution of pollens by insects

- distribution of pollens by wind
- dispersal of seeds by wind
29. Soils with the lowest amount of nutrients are called: 2 pt.
Select one from the following options.
- oligotrophic
- dystrophic
- eutrophic
- mesotrophic
30. Dominant plant life-form in forest ecosystems (according to Raunkiar) are: 2 pt.
Select one from the following options.
- hemicryptophytes
- epiphytes
- phanerophytes
- therophytes
31. Altitudinal vegetation zone that stretches between the tree line and the snowline: 2 pt.
Select one from the following options.
- alpine level
- nival level
- lowland level
- montane level
32. An island theory describes: 2 pt.
Select one from the following options.
- why organisms of the same species do not reproduce with evolutionarily related organisms
- number of island in the sea and deals also with their areas
- number of species living in an isolated space according to immigration, emigration and extinction
- variations in DNA of the same species population
33. Organisms called r-selection strategists are: 2 pt.
Select one from the following options.
- humans
- insects
- elephants
- trees
34. Soils with the highest amount of nutrients are called: 2 pt.
Select one from the following options.
- mesotrophic

- eutrophic
- oligotrophic
- dystrophic
35. Plants adapted to salty environment are: 2 pt.
Select one from the following options.
- mesic species
- xeric species
- hydric species
- halophyte species
36. Organisms called K-selection strategists are: 2 pt.
Select one from the following options.
- insects
- trees
- bacteria
- small rodents
37. Plants avoid damage during extreme cold by: 2 pt.
Select one from the following options.
- freezing between cells, supercooling within cells
- diapause
- hyperthermia
- supercooling

Block of questions 4

Instructions for a block of questions:

38. A financial benefit that is realized when the amount of revenues gained from a business activity exceeds expenses, costs and taxes needed to sustain the activity is: 2 pt.
Select one from the following options.
- profit margin
- profit
- real yield
- nominal yield
39. Price of a product can be counted as: 2 pt.
Select one from the following options.
- direct costs + variable costs + gross profit margin
- explicit costs + marginal costs + opportunity costs
- direct costs + indirect costs + distribution costs + gross profit margin
- implicit costs + marginal costs + distribution costs + gross profit margin

40. A rise in the general level of prices of goods and services in an economy over a period of time is: 2 pt.
Select one from the following options.
- inflation
 - price elasticity of supply
 - none of the above mentioned answers is correct
 - deflation
41. Among the renewable energy resources we include: 2 pt.
Select one from the following options.
- coal
 - dendromass
 - natural gas
 - crude oil
42. Classical economics defines the three factors of production: land (or natural resources), the capital stock (or means of production) and: 2 pt.
Select one from the following options.
- flora and fauna
 - money
 - machineries
 - labour
43. The economic tools of environment protection include: 2 pt.
Select one from the following options.
- issue of company shares by company owners
 - tax benefits
 - payments for run out production material
 - none of the above mentioned answers is correct
44. Besides the three fundamental production factors, other production factors have been identified within economic theories: 2 pt.
Select one from the following options.
- hunting, mushroom picking, horse riding
 - freedom, free market, tourism
 - entrepreneurship, human capital, intellectual capital, social capital, energy
 - research, restitution process
45. Forest policy priorities of EU-countries include, among others: 2 pt.
Select one from the following options.
- freedom, free market, tourism
 - hunting, mushroom picking, horse riding
 - research, restitution process, forest fires

- biodiversity, rural development, forest monitoring
46. National forestry programmes of the EU member states are based on the document: 2 pt.
Select one from the following options.
- The documents of Natura 2000
- European Agricultural Fund for Rural Development 2007-2013
- The Kyoto Protocol
- The EU Forest Action Plan 2007-2011
47. Indirect costs usually include: 2 pt.
Select one from the following options.
- none of the above mentioned answers is correct
- material for production
- wages of workers
- wages of company executives
48. Own investment resources of a company include: 2 pt.
Select one from the following options.
- valuation production-in-progress
- depreciation of company assets
- leasing
- company claims
49. A cost, not transmitted through prices, incurred by a party who did not agree to the action causing the cost, is: 2 pt.
Select one from the following options.
- negative externality
- marginal cost
- none of the above mentioned answers is correct
- positive externality
50. Average forest coverage of the EU is approximately:
Select one from the following options.
- 11 %
- 17 %
- 33 %
- 59 %