

GENERAL AGRICULTURE

A. Agricultural production

Questions compiled from the following areas: *Biological bases of crop production, Biological bases of animal production, General plant production, General animal breeding, Agrochemistry and plant nutrition, Technology of food products, Forage and feed production, Zoohygiene and disease prevention, Plant protection, Agricultural market commodities, Environmental protection, Reproduction of farm animals, Husbandry of ruminants, Breeding of pigs and poultry, Special plant production, Cultivation and quality of plants.*

1. In which part of the reproductive system does fertilization occur?
 - a in the vagina
 - b in the uterus
 - c in the oviduct**
 - d in the cervix

2. Minimal soil tillage technologies are characterized:
 - a by reduction the depth and intensity of tillage and leaving post-harvest residues on the soil surface**
 - b by ploughing post-harvest residues into the soil
 - c by increasing labour and energy costs
 - d minimal use of agrochemicals

3. Colostrum is important for:
 - a animal born**
 - b dairy cows milk production
 - c drying up
 - d developing fetus

4. The main function of phosphorus linked with the adenosine triphosphate is:
 - a formation of cell wals and plant tissues
 - b energy transmission and storage**
 - c catalyst for enzymes and reactions
 - d anabolic

5. Eukaryotic organisms include:
 - a viroids
 - b fungi and fungi-like organisms**
 - c bacteria
 - d phytoplasma

6. Which goods are traded on commodity exchanges under the name "lean hogs"?
 - a fish meat
 - b pork lard
 - c rabbit meat
 - d pork meat**

7. What does the abbreviation BCS mean:

- a cattle exterior evaluation
- b body condition scoring system**
- c the total number of microorganisms in milk
- d freezing point of milk

B. Agricultural economy

Questions compiled from the following areas: Business economics, Introduction to Economics of Agrarian Sector

8. Which of the following assets of company has the highest liquidity?

- a land intended for agricultural cultivation
- b software for the composition of the feed ration
- c seed stocks
- d money in a bank account**

9. The economic characteristics of the land as a factor of production include:

- a it is non-reproducible
- b it is irreplaceable by another factor of production (at a given level of technology)
- c it is a living organism
- d all the answers describe the characteristics of the land as a factor of production**

10. Factors affecting food demand do not include:

- a the price of the substitutes.
- b the length of the production cycle**
- c consumer income
- d consumer preferences