

DEVELOPMENT OF A TRAINING PROGRAM FOR ENHANCING THE USE OF ICT TOOLS IN THE IMPLEMENTATION OF PRECISION AGRICULTURE

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Assessment of Training Package 2

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Please, answer the following questions

1. Which of the following is an example of the Geographic Coordinate System, Lat./Long.?

- a. 42.839450° / -91.394857°
- b. 646 869 / 4748 934
- c. 3249893.34 / 3804982.76

2. Satellite remote sensing can detect problems at an early stage.

- a. True
- b. False

3. Instantaneous yield monitors:

- a. Recorded yield when the grain tank is emptied.
- b. Recorded yield as the combine is moving through the field.
- c. Recorded yield every hectare.

4. Which “tool” of precision farming is most important when collecting field data?:

- a. GPS
- b. GIS
- c. IDI (Intelligent device and implement)

5. GIS stands for:

- a. Geographic International Sales
- b. Geographic Information System
- c. Georeferenced Inter Systems
- d. Global Information Systems

6. Yield variations in a field can occur because of:

- a. Soil type differences
- b. Fertility differences
- c. Soil compaction differences
- d. All of these are correct

7. What is the minimum number of satellites for a fully functional GPS process?:

- a. 3
- b. 20
- c. 24
- d. 30

8. Which of the following functions is a function of GIS?

- a. Controlling
- b. Sensing
- c. Calculate location
- d. Data editing

9. Differential correction has

- a. at least two GPS receivers
- b. a base station at a known location
- c. a rover with two receivers - a GPS receiver and a differential receiver
- d. all of these are needed for differential correction

10. Which of the following is not a basic function of a GIS system:

- a. Storage of data
- b. Displaying of data
- c. Analyzing of data
- d. Collecting data

11. Which scale represents the higher detail?

- a. 1:100
- b. 1:10
- c. 1:1000
- d. 1:10000

12. Which are the main sources of GNSS error?

- a. The satellite clock error.
- b. The ionosphere propagation delay
- c. Multipath and non-line-of-sight errors
- d. All the answers are correct