

24. A farmer has 2 hectares of land and at the end of the year he had his variable costs amounting to 450,000/=. If he sold items worth Shs. 650,000/=. what was his gross margin assuming he paid rent worth 50,000/= in the same year?
- A. 100,000/= ☐
- B. 75,000/=
- C. 200,000/=
- D. 150,000/=
25. A soil sample was analyzed and it was found to have a volume of 80gm with a mass of 78gm, what was the % air by volume in the sample.
- A. 72% ☐
- B. 0.975%
- C. 2.5%
- D. 80%
26. Which of the following chemical reactions in weathering results in rock decomposition?
- A. Hydrolysis. ☐
- B. Reduction.
- C. Solution.
- D. Hydration.
27. Which one of the following practices ensures that seedlings get adapted to field conditions after transplanting?
- A. Hardening Off. ☐
- B. Pricking Out.
- C. Shedding.
- D. Thinning.
28. Which one of the following is not a component of environment stress?
- A. Lack of light. ☐
- B. Lack of shelter.
- C. Topography.
- D. Disease.
29. Which one of the following influences the effectiveness of a pre-emergence herbicide?
- A. Degree of wetting of leaves. ☐
- B. Type of crop grown.
- C. Stage of crop growth.
- D. Degree of wetting of the soil.
30. Which one of the following processes is the normal sequence of protein synthesis?
1. Synthesis of amino acids
 2. Activation of amino acids
 3. Transcription
 4. Translation
- A. 2, 3, 4 and 1 ☐
- B. 1, 2, 3 and 4
- C. 2, 3, 1 and 4
- D. 3, 2, 4 and 1

Turn Over