**PATFIN HIGH SCHOOL, AKESAN, LAGOS STATE**

**FIRST TERM EXAMINATION [2018/2019]**

**SUBJECT: AGRICULTURAL SCIENCE CLASS: J. S. S. 2**

**Instruction: answer all questions in this section. DURATION: 1 hour 30 mins**

1. The first and basic problem of farm management is \_\_\_\_\_\_\_\_\_\_.
2. How to produce b) What to produce c) How much is to produce d) Where to produce
3. Structures were farm produce are stored are called \_\_\_\_\_\_\_\_\_\_\_ structures.
4. Utility b) Processing c) Maintenance d) Storage
5. The following factors should be considered when selecting a site for farm structures and buildings except \_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Topography b) Production c) Accessibility d) Climate
7. Plant crops on \_\_\_\_\_\_\_\_\_\_ soils in the farm.
8. Good b) Bad c) Poor d) Best
9. After laying out the farm land, \_\_\_\_\_\_\_\_\_\_ follows.
10. Stumping b) Harrowing c) Ploughing d) Bush clearing
11. Which one of the following crops is raised in nursery beds?
12. Cassava b) Pumpkin c) Yam d) Potatoes
13. The first step in planting is known as \_\_\_\_\_\_\_\_\_.
14. Spacing b) Seed selection c) Planting d) Seed rate
15. The following determines the seed rate of a piece of land except\_\_\_\_\_\_\_\_\_\_\_\_\_.
16. Seed selection b) The area of the land c) The actual spacing d) The number of seed per hole
17. \_\_\_\_\_\_\_\_\_\_\_ is the process of removing unwanted plants found growing among cultivated crops.
18. Thinning b) Mulching c) Weeding d) Supplying
19. A soil is said to be fertile if it contains \_\_\_\_\_\_\_\_\_\_\_\_.
20. All needed nutrients b) Some needed nutrients c) One nutrient d) Three required nutrients
21. The system of farming where a farmer raises both crops and animals on the same farm is known as \_\_\_\_\_\_\_\_\_\_\_\_.
22. Shifting cultivation b) Pastoral farming c) Mixed farming d) Mono farming
23. Which of the following crops is a forage crop?
24. Maize b) Grasses c) Cowpea d) Rice
25. Crop rotation saves land, time, energy and money.
26. True b) False c) None d) I don’t know
27. Which of the following is true for mixed cropping?
28. It improves soil fertility
29. It does not reduce growth and spread of weeds
30. It prevents erosion
31. i and ii b) i, ii and iii c) i and iii d) None of the above
32. Cultural practices include the following except \_\_\_\_\_\_\_\_\_\_\_\_.
33. Pre-post planting b) Pre-planting c) Planting d) Post planting

**SECTION B SUB-OBJECTIVES**

**FILL IN THE GAPS WITH THE APPROPRIATE ANSWER**

1. Farm Structures may be built using \_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.
2. Buildings used for production are known as \_\_\_\_\_\_\_\_\_\_\_\_.
3. The first and basic problem of Farm Management is \_\_\_\_\_\_\_\_\_\_\_\_.
4. After selecting a farm site, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the next operation.
5. Seed-bed preparation involves making of \_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_.

**SECTION C THEORY**

**ANSWER FOUR (4) QUESTIONS ONLY. NO 1 IS COMPULSORY.**

1. a) Who is a Farm Manager?
2. Explain two (2) problems of a Farm Manager.

2 a) List and explain two (2) types of Farm Structures.

b) Define farm buildings and give two (2) types of a Farm Building.

c) State two (2) ways to maintain Farm Structures and Building.

3 a) List all Pre-Planting Operations accordingly.

b) Define Cultural Practices.

c) Draw a diagram of a Laid out farm.

4 a) Why is Spacing necessary in Crop production?

b) Explain the difference between Intra and Inter Spacing.

5 a) Definethe term ‘Seed Rate’.

b) Suppose you are to plant on a piece of land of length 300m and width 150m. If the spacing is 3m by 2m and 4 seeds will be planted per hole, how would you determine the Seed Rate?

6 a) What is Shifting Cultivation?

b) Why is it not possible to practice Shifting Cultivation in densely populated areas?

c) What is Monocropping?