

MARKING SCHEME

AGRICULTURE MID TERM EXAMS

TERM 2 2024

- 1.-Improve aeration of the soil
- increase water holding capacity
 - Enrich the soils with nutrients
 - improve the soil structure
- 2.-Previous cropping
- security
 - topography
 - Type of soil
- 3.-Require high level of technology know how
- Require special working environment
 - Its expensive
 - Takes time before desired results are realized
- 4.-It encourages tuberization
- Encourages drainage
 - facilitate easy harvesting
 - Brings nutrients closer to the root area
- 5.-Existing market demand
- Intended use of crops
 - Level of moisture
 - Expected profit margins
 - Weather conditions
 - Pest and disease incidence

6. Soil erosion is the detachment and transportation of soil particles from one place to another

7.-Soil type

- Topography
- Rainfall intensity
- vegetation cover
- overstocking
- clean weeding
- soil depth

8. Stages of gully erosion

- Rain water leaves the water shade areas
- Flowing water forms water channels
- Channels widen and deepen
- Channel floor is scoured further to form gully

9.-grass strios

- cover crops
- Cover crops
- Contour farming
- Grassed water ways
- mulching
- Afforestation
- Strip cropping

10. Afforestation is the planting of trees in areas where they never existed while Reafforestation is the planting of trees where they existed but they have been cut down.

11. **Weirs** is a wall constructed across the river to raise the water level but still allow water to flow over it while a **dam** is a wall constructed across the river to raise the water level but reduce the water flow or stop completely.

12.-Ploughing across the contours

- clean weeding
- over spacing

13.-Compete with crops for nutrients

- Lower the quality of a gricultural produce
- Other weeds are poisonous to livestocks
- Some weeds are allelopathic
- some weeds are parasitic

And any other harmful acc.

14.Pre-emergence herbicides are herbicides that are applied to kill weeds before they germinate while post emergence herbicides are herbicides that are applied to weeds after they germinate to kill them.

15.-They are expensive

- It require skill labour
- Can cause environmental pollution
- Not economical to use under small scale.

16.-Early planting

- Proper spacing
- Flooding
- Mulching
- proper spacing

Acc.when well described

17.a) Rill erosion

b)-Wind

- Water
- Animals
- Human beings

18.a)-gabion

- b) -Reduce the speed of run-off
- to trap the eroded soil particles

19.a) E-Datura stramonium

F-Thorn aple

G-Couch grass

b)-Red care fully and follow the manufacturers instruction

- Be in the right attire
- Avoid eating or smocking when spraying
- Dispose properly the left overs and containers

Acc any right point

c)Poisonous to livestocks

d)It has underground structures

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