**MARKING SCHEME AGRIC F2**

1. - Large scale

- One crop

- High use of capital

- Heavy machinery

2. - Improve soil structure

- bad particles

- wind break

- livestock feeds

- Construction and fuel

3. - Physical arrangement of particles/ relative proportion

4. - Kill disease germ

- remove bad smell

- remove impurities

- remove sediments

5. - bulk

- contain crop pest

- laborious

- low nutrients

- scorting effect

- viable weeds

6. - Dromedary

- Bacterian

7. - Bush clearing

- Spraying

- Biological

- Use of nets

8. - Local cattle

9. - Saneen

- Taggenburg

- Junpnaori

- Aglo-nubian

- British Alphire

10 -

-

11. - A - Platy

- B - Granular

(b) (i) - Air space

(ii) - Humus

(c) - Impede drainage

- Under root penetration

12. (a) - A - Cap saw

- B - Plub bob

- C - Chisel

- D - Mallet

(b) - A

- B

- C

- D

(c) - Replace broken handle

- Keep in dry area

(d) - A

- B

- C

- D

13. (a) - Source of food

- Source of income

- cultural uses(status symbol, medium of exchange, recreational purposes)

- Animal power

- provision of raw material

(b)

|  |  |
| --- | --- |
| Indigenous | Exotic breeds |
| - Calving ones have long calving interval | Short calving interval |
| - Can walk for long distance without lowering production | - can’t walk for long distances and if they do they lower production |
| Resistant to tropical diseases | * Prone to tropical diseases |
| Have humps | Lack the hump |
| Can tolerate high temperatures | Cannot tolerate high temperature |
| Produces low meat and milk | Good produces of both meat and milk |
| Show slow growth rate | Shows faster growth rate |
| Can stay for long without food | Can’t stay long without food |

(c) - Chinchilla

- British Alphin

- New Zealand white

- California white

- Kenya white

- Angora

14.(a) - food production

- power

- raw material

- source of income

- source of employment

- provision of manure

- sport/ recreation

- payment of dowry

- sucrificials/ clensing ceremonies

- Biological cocks

- for prestige/ pride

- making costumes

- provide biogas

(b) - Jersey

- Fresian

- Guernsey

- Arshere

(c) - Jersey

15. (a) - Leaching

- Soil erosion

- Monocroping

- Continous cropping

- Change in soil PH

- Burning of vegetation cover

- Accumulation of salts

(b) - Good depth

- Proper drainage

- Good H2O holding capacity

- Adequate nutrient supply

- Correct soil PH

- Free from excessive infestation of soil borne diseases and pest.