

Multiple Choice Questions

Crop Production Technology –II (ASAG2204)

Section-A: Short Answer Type Questions -

1. Name 1 parasitic weed of Lucerne & mention the seed rate for Lucerne
2. Write the scientific name and spacing for Lucerne crop
3. Write the climatic conditions required for Lucerne crop
4. Write the soil conditions required for Lucerne crop
5. Mention the family and seed rate for Lucerne crop
6. How many irrigations do Lucerne crop requires in its growing season and why?
7. Write the uses of Lucerne crop
8. Write any 2 diseases that occur in Lucerne crop
9. Write any two pests that can be seen in Lucerne crop
10. Write about the land preparation before sowing of Lucerne crop
11. Name 2 disease management strategies
12. Name 2 pest control measures

Section-B: Long Answer Type Questions

1. Write a brief notes on lucerne crop
2. Write the importance of lucerne in india
3. Write about the soil and climatic requirements of lucerne crop
4. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of lucerne crop
5. Write about the nutrient management and water management and weed management practices in lucerne crop
6. Write about the diseases and their management in lucerne crop
7. Write about the pests and their control measures in lucerne crop
8. Explain what is crop rotation and write about the cropping system of lucerne crop and its yield

Section-A: Short type questions

1. Write the scientific name and family of Lentil
2. Write the climatic requirements for planting Lentil
3. Name 4 varieties of Lentil crop
4. Write the soil conditions requirement for Lentil
5. Write uses of Lentil crop
6. What are fodder crops
7. Can Lentil be used for human consumption purposes ? justify your answer with valid reasons
8. How is Lentil propagated
9. Write the approximate yield of Lentil crop and its spacing
10. Write the advantage of using Lentil as a fodder
11. Can Lentil be grown whole year in Indian conditions ? explain
12. How many times can Lentil be harvested ? and does it provide sustainability to the cropping system ?
13. What is the advantage of growing Lentil as a sequential crop?
14. Write the seed rate requirement and storage temperature for Lentil seeds.
15. Name 2 diseases of lentil crop
16. Name 2 pests that occur in lentil crop
17. Name 2 disease management strategies for Lentil crop
18. Name two pest management strategies for Lentil crop

Section-B: LONG ANSWER TYPE QUESTIONS

1. Write briefly about lentil crop
2. What plants are grown in rotation to lentil crop ? And what is crop rotation
3. How deep should you plant lentil and what is the method of planting
4. What is the best temperature and soil conditions required for lentil? And what is the fym requirement for lentil ?
5. What diseases occur in the lentil plant and how are they managed?
6. What pests do attack lentil and how can it be controlled?
7. What are the health benefits and uses of lentil
8. Write the importance of oats in india
9. Write about the soil and climatic requirements of oats crop
10. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of oats crop
11. Write about the nutrient management and water management and weed management practices in oats crop
12. Explain what is crop rotation and write about the cropping system of oats crop and its yield

Section-A:SHORT ANSWER TYPE QUESTIONS -

1. Write the climatic requirements for growing of oat crop
2. Write the scientific name, recommended spacing of oats crop
3. Write the soil conditions necessary for oat planting
4. How is oat propagated
5. Mention the fertilizer doses required for oats crop
6. Write the health benefits of oats
7. Why oat is not cultivated in a larger scale like cereals?
8. Explain the market demand of oats in India
9. Write the uses of other parts of the oat crop
10. Name any 4 varieties of oats
11. How is oats propagated and what is the average yield of oats in india
12. Write the post-harvest uses of oat plants
13. Write any 2 diseases that occur in oats crop
14. Write any 2 pests that occur in oats crop

Section-B:LONG ANSWER TYPE QUESTIONS –

1. Write a brief notes on oats crop
2. Write the importance of oats in india
3. Write about the soil and climatic requirements of oats crop
4. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of oats crop
5. Write about the nutrient management and water management and weed management practices in oats crop
6. Write about the diseases and their management in oats crop
7. Write about the pests and their control measures in oats crop
8. explain what is crop rotation and write about the cropping system of oats crop and its yield
9. Write about the health benefits of oats

Section-A: Short Type Answers

1. Write the scientific name of peas and the seed rate
2. Write the method of sowing of peas and the spacing
3. Write 4 household uses of peas
4. write the soil conditions required for peas cultivation
5. Write the climatic requirements of peas
6. Write the fertilizer requirement for peas crop
7. Do peas require hot climate ? Explain
8. Mention the storage temperature for peas crop
9. Which state leads in the production of peas in India and why ?
10. Name any 2 diseases that occur in peas crop.
11. Write short notes on the land preparation before sowing of peas
12. Mention the planting method of peas and explain in short why is it followed ?
13. Name the states where the peas is grown in larger amounts
14. Mention the crop duration of peas crop and mention the best time to grow peas in Odisha
15. How are the fertilizers applied in peas ? (doses & timing)
16. Write 2 diseases that is seen in pea plants
17. Write 2 disease management strategies
18. Write two pests that occur in peas
19. Write 2 pest management strategies in pea crop
20. Write the health benefits of pea

Section-B: LONG ANSWER TYPE QUESTIONS

1. Give a brief notes on pea crop
2. Write the climatic and soil conditions and spacing and seed rate of peas
3. What do you mean by sprouting and how long does it take to sprout seeds?
4. Can you grow peas in a container ? can you grow peas in shade ? should you fertilize peas?
5. When do you need to harvest peas ? how can you store peas?
6. Write diseases and its management strategies
7. Write pests that occur in pea crop and mention its management strategy.

Section-A: SHORT ANSWER TYPE QUESTIONS -

1. Write the scientific name of potato and the seed rate
2. Write the method of sowing of potato and the spacing
3. Write 4 household uses of potato
4. Write 4 uses of potato in the manufacturing industries
5. write the soil conditions required for potato cultivation
6. Write the climatic requirements of potato
7. Write the nutrients present in potato
8. Write the fertilizer requirement for potato crop
9. Do potato require hot climate ? Explain
10. Why is potato called as the king of fruits ? explain.
11. Why is potato called as the poor man's fruit ? explain.
12. Mention the storage temperature for potato crop
13. Which state leads in the production of potato in India and why ?
14. Name any 2 diseases that occur in potato crop.
15. Write short notes on the land preparation before sowing of potato

16. Mention the most common planting method of potato and explain in short why is it followed ?
17. Name the states where the potato is grown in larger amounts
18. Mention the crop duration of potato crop and mention the best time to grow potato in Odisha
19. Can a whole potato be planted for getting new plants or is it necessary to cut the potatoes before planting ?
20. How are the fertilizers applied in potato ? (doses & timing)

LONG ANSWER TYPE QUESTIONS -

1. Write the scientific name of potato .why is earthing up required in potato farms and how many times is it done ?
2. What plants are grown in rotation to potato crop ?and why should the tubers not to be exposed to the sun ?
3. Explain what do you mean by Green sprouting or pipping in potato ? explain why is it required
4. How deep should you plant potato and what is the best way to plant potatoes ?
5. What is the best temperature and soil conditions required for potato ?and what is the FYM requirement for potato ?
6. What diseases occur in the potato plant and how are they managed ?
7. Write briefly about potato cultivation
8. Write the pests that attack potato crop and its control measures

Section-A:SHORT ANSWER TYPE QUESTIONS –

1. Write the scientific name & recommended spacing of tobacco
2. How is tobacco harmful for human health ?
3. Can tobacco cultivated in all seasons and all areas? Justify your answer in short
4. Mention the climatic requirement of tobacco
5. Write down the recommended fertilizer and fym doses for tobacco crop.
6. Is tobacco cultivation profitable ? Support you answer with 1 valid reason
7. How is tobacco propagated and where is the tobacco research institute is situated in india ?
8. Can tobacco be grown as an intercrop with any cereals ? Justify ur answer with 1 reason.
9. In which state of india is the production of tobacco high ? Mention the production/ ha data
10. Write the curing methods of tobacco leaves.
11. Mention any 2 biological features of a tobacco plant
12. Write 4 uses of tobacco
13. Write the storage temperature requirement & yield of tobacco.
14. What is fire curing in tobacco?
15. How tobacco cultivation helps farmers?

Section-B: LONG ANSWER TYPE QUESTIONS

1. Write a brief notes on Tobacco crop
2. Write the importance of Tobacco in India
3. Write about the soil and climatic requirements of Tobacco crop
4. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of Tobacco crop
5. Write about the nutrient management and water management and weed management practices in Tobacco crop
6. Write about the diseases and their management in Tobacco crop
7. Write about the pests and their control measures in Tobacco crop

8. Explain what is crop rotation and write about the cropping system of Tobacco crop and its yield
9. Write about the types of curing methods in tobacco

Section –A: Short Answer Type Questions –

1. Write 4 uses of wheat
2. Describe 2 points about the biology of a wheat plant.
3. Write short notes on wheat harvesting .
4. Describe shortly how wheat is harvested?
5. Mention the climatic requirements of wheat crop.
6. How is intercropping beneficial for cereal crops?
7. Mention four crops which can be grown as intercrop with maize.
8. Describe how seeds are sown, depth of sowing , sowing method of wheat seeds?
9. Mention the fertilizer requirement of wheat crop
10. Write the growth stages of wheat crop step wise.
11. Write the scientific name , spacing, yield of wheat crop
12. How many irrigations are required for wheat and mention the critical stages of irrigation.
13. how should the field be prepared before sowing of wheat ?
14. Mention any 2 cultivars of wheat with scientific names
15. Can wheat be grown in mountainous areas? Justify your answer.

Section-B: LONG ANSWER TYPE QUESTIONS –

1. Write a brief notes on wheat crop
2. Write the importance of wheat in India
3. Write about the soil and climatic requirements of wheat crop
4. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of wheat crop
5. Write about the nutrient management and water management and weed management practices in wheat crop
6. Write about the diseases and their management in wheat crop
7. Write about the pests and their control measures in wheat crop
8. Explain what is crop rotation and write about the cropping system of wheat crop and its yield

Section-A: SHORT ANSWER TYPE QUESTIONS -

1. Mention the 2 types of barley based on the number of flowers
2. Write about the climatic requirements of Barley crop
3. Write 4 uses of barley
4. Name any 2 diseases that occur in barley crop
5. Write short notes on biology(different parts) of a barley plant
6. How is barley useful for human health ?
7. Mention the soil conditions required for barley planting
8. Can barley be grown in all seasons ? support your answer
9. Write 2 points on 2 row barley variety
10. Write 2 points on 6 row barley variety
11. What physiological conditions determine the harvesting of barley ?
12. How to harvest barley crop ?
13. Write any 2 disease management strategies
14. Name any 2 diseases that occur in barley crop
15. Write two disease symptoms that can be seen in barley

Section-B: LONG ANSWER TYPE QUESTIONS –

1. Write briefly about berley crop
2. What plants are grown in rotation to berleycrop ? And what is crop rotation
3. How deep should you plant berley and what is the method of planting
4. What is the best temperature and soil conditions required for berley ? And what is the fym requirement for berley ?
5. What diseases occur in the berley plant and how are they managed ?
6. What pests do attack berley and how can it be controlled ?
7. What are the health benefits and uses of berley
8. Write the importance of barleyinindia
9. Write about the soil and climatic requirements of barley crop
10. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of barleycrop
11. Write about the nutrient management and water management and weed management practices in barleycrop
12. Explain what is crop rotation and write about the cropping system of barleycrop and its yield

Section-A: Short type questions

1. Write the scientific name and family of berseem
2. Write the climatic requirements for planting berseem
3. Name 4 varieties of berseem crop
4. Write the soil conditions requirement for berseem
5. Write uses of berseem crop
6. What are fodder crops
7. Can berseem be used for human consumption purposes ? justify your answer with valid reasons
8. How is berseem propagated
9. Write the approximate yield of berseem crop and its spacing
10. Write the advantage of using berseem as aa fodder
11. Can berseem be grown whole year in Indian conditions ? explain why
12. Write the other name of berseem
13. How many times can berseem be harvested ? and does it provide sustainability to the cropping system ?
14. What is the advantage of growing berseem as a sequential crop?
15. Write the seed rate requirement and storage temperature for berseem seeds.

Section-B: LONG ANSWER TYPE QUESTIONS -

1. Write briefly about berseem crop
2. What plants are grown in rotation to berseemcrop ? And what is crop rotation
3. How deep should you plant berseem and what is the method of planting
4. What is the best temperature and soil conditions required for berseem ? And what is the fym requirement for berseem ?
5. What diseases occur in the berseem plant and how are they managed ?
6. What pests do attack berseem and how can it be controlled ?
7. What are the health benefits and uses of berseem
8. Write the importance of berseem in india
9. Write about the soil and climatic requirements of berseem crop
10. Write about the land preparation , time of sowing , seed rate , spacing and method of sowing of berseem crop

11. Write about the nutrient management and water management and weed management practices in berseem crop
12. Explain what is crop rotation and write about the cropping system of berseem crop and its yield

Section-A: Short type questions

- 1) Write a short note on time of planting of sugarcane
- 2) Write a short note on seed selection of sugarcane
- 3) Mention some popular early ripening varieties and mid late ripening varieties of sugarcane
- 4) Describe the inflorescence of sugarcane
- 5) Write down soil requirement for sugarcane
- 6) Write down suitable climate conditions for sugarcane cultivation
- 7) Mention the four major diseases in sugarcane with casual organism's name
- 8) Write down fertilizer requirement of sugarcane
- 9) Mention the harvesting procedure of sugarcane
- 10) Mention about intercropping in autumn sugarcane

Section-B: LONG ANSWER TYPE QUESTIONS

- 1) Mention about ratooning of sugarcane and recommended the practices to increase the yield and economics of sugarcane
- 2) Write about the classification of sugarcane
- 3) Describe the method of planting the sugarcane
- 4) Write about the botanical description of sugarcane
- 5) Describe about all the byproducts of sugarcane juice extraction

Section-A: Short type questions

- 1) Mention economic importance of sunflower
- 2) Write about classification of sunflower
- 3) Mention most followed cropping systems with sunflower
- 4) Mention about spacing, seed rate and depth of sowing of sunflower
- 5) Mention weed control and earthing up in sunflower
- 6) Write about different management techniques to get rid of wild parrots in the sunflower
- 7) Write about harvesting and threshing of sunflower
- 8) Mention optimum climatic conditions for cultivation of sunflower
- 9) Mention four varieties of sunflower
- 10) Write about important disease and pest of sunflower

Section-B: LONG ANSWER TYPE QUESTIONS

- 1) Mention INM of sunflower
- 2) Write about INM of sunflower

Section-A: Short type questions

- 1) Write about climatic conditions required for *Brassic* spp.
- 2) Mention few varieties of mustard
- 3) Mention seed rate and spacing of rape seed and mustard
- 4) Write about best time of sowing of mustard and rape seed
- 5) If we go for late sown of mustard, what is the problem and mention the remedy for that problem
- 6) Write briefly about water management of rape seed and mustard
- 7) Mention the most common weed which grown in rape and mustard
- 8) Mention about the harvesting and threshing of rape and mustard
- 9) Describe the soil requirement of rape seed and mustard
- 10) Write the economic importance of rapeseed and mustard

Section-B: LONG ANSWER TYPE QUESTIONS

- 1) Differentiate between rape seed and mustard
- 2) Write about the nutrient management in rape seed and mustard to get higher yield
- 3) Write about weed control in rape seed and mustard
- 4) Mention about different pest of mustard and rape seed
- 5) Mention about different diseases of mustard and rape seed