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Total No. of Pages : 02

Total No. of Questions : 08

B.Sc. Honours (Agriculture) (Sem.-4)
CROP PRODUCTION TECHNOLOGY-II (RABI CROPS)

Subject Code : BSAG-401-19

M.Code : 79740

Date of Examination : 23-06-21

Time : 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

- Q1) Suppose a farmer wants to grow barley crop on his fields. What suggestions you would give to him to raise a bumper crop of barley?
- Q2) Suppose a dairy farmer met you for raising fodder crop. What would suggest you to raise bumper crop of berseem alongwith its seed production?
- Q3) A group of vegetable growers wants to grow field pea. Suggest improved techniques for growing field peas from seed bed preparation upto pods picking.
- Q4) According to recommendations of ICMR, 35g/day oil/fat is required. Suggest gobhi sarson canola varieties alongwith improved agronomic techniques for growing gobhi sarson canola starting from seedbed preparation to harvesting. Also discuss gobhi sarso+toria intercropping. Suggest sole oilseed based cropping systems suitable for Punjab.
- Q5) Punjab contributes nearly 35 per cent wheat in the central pool and it is an important cereal crop of Punjab. Suggest the improved techniques for successful cultivation of late sown wheat covering late sown wheat based rotations, late sown wheat varieties, seed rate and plant geometry, consortium inoculation, weed management, irrigation management, fertilizer application on loamy sand soil and potassium nitrate spray.
- Q6) Discuss the importance of mentha. Suggest improved techniques for growing mentha under Punjab conditions covering suitable varieties, rotations, seed rate, time of planting, method of planting, mentha based inter cropping, fertilizer and irrigation management.
- Q7) Differentiate Silage and Hay. Discuss the importance of lucerne fodder and write down the agronomic practices for higher fodder production of lunerne.
- Q8) Discuss various inter crops which can be grown in autumn sugarcane.
- Discuss importance of lemon grass and citronella.
- Enlist the benefits of canola oil.
- Enlist benefits of African sarson varieties.

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.