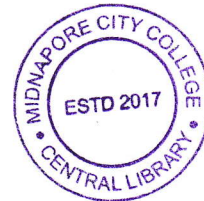Total Page: 01

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M.Sc. Semester-I Examination, 2022
(AGRICULTURE) IN AGRONOMY
PAPER: AGRON 506 (PRACTICAL)
(AGRONOMY OF MAJOR CERALS AND PULSES)

Full Marks: 30   **Time: 3 Hours**

Answer any __TWO__ questions from the following: **10 X 2 = 20**

1. Rice crop is sown at a spacing of 20 x 15 cm. The average number of effective tillers per hill were 12 and average number of filled grains per panicle is 150. Estimate the yield of rice for 6 bigha of area, if test weight is 24 g.

   (10)

2. A progressive farmer desired to grow *Rajmah* crop. The RDF of *rajmah* is 90:60: 30 kg/ha N: P_2O_5: K_2O. Nitrogen is applied in to two split and 50% N application by FYM. The fertilizers with him are Urea, DAP and MOP. Calculate the total quantity of manures and fertilizer required for 1.5 ha of land.   (10)

3. Identification of the samples: (10)

4. Laboratory note book.   5

5. Viva-voce.   5

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