Civil Services (Main) Examination, 2000

AGRICULTURE

(Paper I)

Time Allowed : Three Hours **Maximum Marks : 300**

QUESTION PAPER SPECIFIC INSTRUCTIONS

(Please read each of the following instructions carefully before attempting questions)

There are EIGHT questions divided in two Sections.
Candidate has to attempt FIVE questions in all.
Question Nos. 1 and 5 are compulsory and out of the remaining, any THREE are to be attempted choosing at least ONE question from each Section.
All questions carry equal marks.
Wherever any assumptions are made for answering a question, they must be clearly indicated.
Word limit in questions, wherever specified, should be adhered to.

SECTION 'A'

1. Write short critical notes in about 200 words each on any three of the following:

- **(a)** Regulated Market
- **(b)** Farm Budgeting
- **(c)** Integrated Weed Control in Wheat
- **(d)** Natural Resource Management

2. What is farm labour? Explain reasons for their low efficiency and write measures to improve the efficiency of the farm labour.

3. What is green revolution and its after effects on crop production? How can we make grey areas green to meet the challenges of food requirement for the increasing population of the country?

4. What are the limiting factors of production responsible in pulses and oilseed crops? Suggest suitable steps needed to enhance their production in the country.

SECTION 'B'

5. Write short critical notes in about 200 words each on any three of the following:

- **(a)** Environmental Pollution
- **(b)** Classification of Herbicides
- **(c)** Particle Density
- **(d)** Phosphorus in Crop Production

6. Describe the role of nitrification inhibitors with mechanism of their working and suitable examples.

7. Define and differentiate between soil texture and soil structure. How do you determine soil texture? Give brief description of structural types with schematic drawings.

8. What is water erosion? Write its mechanism, soil loss equation and control measures.

English version compiled from published transcriptions and cross-checked across sources; not a facsimile of the official UPSC question paper.

Optional Province · optionalprovince.com