

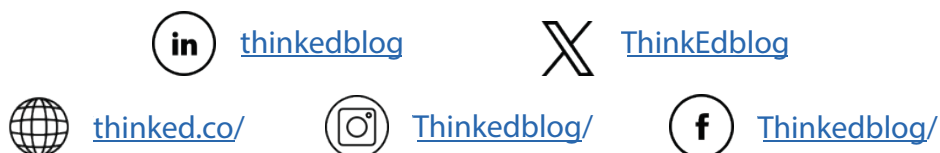


CSS Past Paper

# Agriculture

(2022)

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**FEDERAL PUBLIC SERVICE COMMISSION**  
**COMPETITIVE EXAMINATION-2022**  
**FOR RECRUITMENT TO POSTS IN BS-17**  
**UNDER THE FEDERAL GOVERNMENT**  
**AGRICULTURE & FORESTRY**

Roll Number

<b>TIME ALLOWED: THREE HOURS</b>	<b>PART-I (MCQS)</b>	<b>MAXIMUM MARKS = 20</b>
<b>PART-I(MCQS): MAXIMUM 30 MINUTES</b>	<b>PART-II</b>	<b>MAXIMUM MARKS = 80</b>
<b>NOTE: (i) Part-II is to be attempted on the separate Answer Book.</b>		
<b>(ii) Attempt ONLY FOUR questions from PART-II by selecting TWO questions from EACH SECTION. ALL questions carry EQUAL marks.</b>		
<b>(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.</b>		
<b>(iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.</b>		
<b>(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.</b>		
<b>(vi) Extra attempt of any question or any part of the question will not be considered.</b>		

**PART-II**  
**SECTION-A**

- Q. No. 2.** What is Integrated Plant Nutrient Management (IPNM)? How chemical fertilizers efficiency can be improved?. How agro-industries waste (sugar, cotton & fruits) can be best utilized as plant nutrient? **(20)**
- Q. No. 3.** Describe present Cotton scenario, causes of low production during last five years and challenges ahead. How past glory of cotton production can be achieved? **(20)**
- Q. No. 4.** What factors influence seed germination? How seed viability is affected during storage? What is informal seed sector? Discuss advantages and disadvantages of informal seed sector. **(20)**
- Q. No. 5.** Write notes on: **(10 each) (20)**
- (a)** Potential and issues of small dams constructed in mountainous and semi-mountainous areas of Pakistan.
- (b)** Advantages and disadvantages of Genetically Modified Organisms (GMOs).

**SECTION-B**

- Q. No. 6.** Discuss objectives and basis of conventional forest classification in Pakistan. Describe the distribution of forests in Pakistan. **(20)**
- Q. No. 7.** Describe role of agro-forestry in forage scarcity mitigation for livestock. How different range areas have played their roles in livestock raring? **(20)**
- Q. No. 8.** Write notes on: **(10 each) (20)**
- (a)** Principles of forestry.
- (b)** Silvicultural systems.

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