FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION-2023
FOR RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT

Roll Number

AGRICULTURE & FORESTRY

TIME ALLOWED: THREE HOURS **PART-I(MCQS): MAXIMUM 30 MINUTES**	**PART-I (MCQS) MAXIMUM MARKS = 20** **PART-II MAXIMUM MARKS = 80**

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

PART-II
SECTION-A

Q. No. 2. Rural development has offered more scope under the urbanization trend in Pakistan. Discuss on the current scenario, issues, steps taken in past and your vision for the paradigm change in rural development. **(20)**

Q. No. 3. Integrated agriculture is an approach for sustainability of resources, profitability of farmers and economic growth of the country. Discuss the issues and solutions for the adoption of integrated agriculture in Pakistan. **(20)**

Q. No. 4. Give an overview of rainfed agriculture in Pakistan. Discuss the issues, opportunities and give an insight into the actions required in order to realize the full potential of these areas to contribute in overall performance of agriculture in Pakistan. **(20)**

Q. No. 5. Write short notes on the following: **(5-Each)** **(20)**
(a) Agricultural practices to slow down the climate change
(b) GMO and consequences
(c) Precision agriculture
(d) Failure of cotton crop in Pakistan

SECTION-B

Q. No. 6. Discuss on the degradation of old forests and values of the newly developed rangelands in Pakistan. Also describe your vision to conceive climate smart polices for forests sustainability. **(20)**

Q. No. 7. Rangelands have considerable role in agricultural economy of Pakistan. Explain different ways and means for integrated management of rangelands and livestock production keeping in view the climate change in Pakistan. **(20)**

Q. No. 8. Write short notes on any four of the following: **(5-Each)** **(20)**
(i) Laws of forests and wildlife in Pakistan.
(ii) Land reforms and its impact on agroforestry.
(iii) Wood based industries in Pakistan.
(iv) Social forestry and its value.
(v) Issues relating to Shesham and Eucalyptus
(vi) Watershed management

****