



FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION-2020
FOR RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT
AGRICULTURE & FORESTRY

Roll Number

TIME ALLOWED: THREE HOURS	PART-I (MCQS)	MAXIMUM MARKS = 20
PART-I(MCQS): MAXIMUM 30 MINUTES	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.** What do you understand by soil fertility? How soil fertility of arable lands can be maintained in good shape? How trees could be helpful in reclaiming water-logged and saline soils? (20)
- Q. No. 3.** Discuss the role of integrated nutrient management to sustain soil quality and fertility. (20)
- Q. No. 4.** Food security, food safety and climate change are the main challenges at national level. What are various factors associated with these issues and how can we tackle them? (20)
- Q. No. 5.** What is the role of cottage industry in improving the rural development? What are the major cottage industries linked to agriculture and livestock? (20)

SECTION-B

- Q. No. 6.** What is the status and significance of small ruminants in the existing food chain? What are different grazing systems in vogue for small ruminants? How livestock wealth of the country has benefited from existing range and forest resources? (20)
- Q. No. 7.** What are the differences amongst agroforests, urban forests, man-made plantations and state forests? Describe the significance of agroforestry in Pakistan. Why Eucalyptus camaldulensis is not recommended for agroforestry? (20)
- Q. No. 8.** Which are the major wood based industries in Pakistan? Which tree species are important for these industries? How can we reduce the wood losses during utilization in Pakistan? (20)