# FEDERAL PUBLIC SERVICE COMMISSION

**COMPETITIVE EXAMINATION-2026**
**FOR RECRUITMENT TO POSTS IN BS-17**
**UNDER THE FEDERAL GOVERNMENT**

## CSS Agriculture & Forestry Paper 2026

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

**NOTE:**

1. First attempt PART-I (MCQs) on separate OMR Answer Sheet which shall be taken back after 30 minutes.
2. Overwriting/cutting of the options/answers will not be given credit.
3. There is no negative marking. All MCQs must be attempted.

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# FEDERAL PUBLIC SERVICE COMMISSION
## COMPETITIVE EXAMINATION-2026 FOR RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT

Roll Number

## AGRICULTURE & FORESTRY

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|---|---|---|
| TIME ALLOWED: THREE HOURS | (PART-I MCQs) | MAXIMUM MARKS: 20 |
| PART-I (MCQs) : MAXIMUM 30 MINUTES | (PART-II) | MAXIMUM MARKS: 80 |

**NOTE:** (i) First attempt **PART-I (MCQs)** on separate **OMR Answer Sheet** which shall be taken back after **30 minutes.**
(ii) **Overwriting/cutting of the options/answers will not be given credit.**
(iii) There is **no negative** marking. All MCQs must be attempted.

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## PART-I (MCQs)(COMPULSORY)

**Q.1.** (i) Select the best option/answer and fill in the appropriate Box ☐ on the **OMR Answer Sheet.** **(20x1=20)**
(ii) Answers given anywhere else, other than OMR Answer Sheet, will not be considered.

1. **Which soil type has the medium particle size?**
(A) Caly (B) Sand (C) Silt (D) None of these
2. **Which crop has C4 mode of photosynthesis?**
(A) Sorghum (B) Sugarcane (C) Both (A) & (B) (D) None of these
3. **The relationship between irrigation water flow and its commanded area is?**
(A) Delta of water (B) Duty of water (C) Irrigation water requirement (D) None of these
4. **Which crops have determinate growth pattern?**
(A) Wheat & oat (B) Maize & rice (C) Both (A) & (B) (D) None of these
5. **Seed testa has a conspicuous marking called?**
(A) Hilum (B) Micropyle (C) Tegmen (D) None of these
6. **Which crop has epigeal mode of germination?**
(A) Chickpea (B) Maize (C) Both (A) & (B) (D) None of these
7. **Which insect order includes pests such as whitefly and jassids?**
(A) Lepidoptera (B) Hemiptera (C) Coleoptera (D) None of these
8. **Branch of horticulture that deals with the production and marketing of vegetables is called?**
(A) Olericulture (B) Pomology (C) Viticulture (D) None of these
9. **The primary purpose of testcrossing in plant breeding is:**
(A) Introducing weed resistance (B) Introducing insect resistance
(C) Introducing disease resistance (D) None of these
10. **Spore balls are formed in case of?**
(A) Loose smut (B) Covered smut (C) Flag smut (D) None of these
11. **Plants that protect the other plants from insects are called:**
(A) Cover (B) Relay (C) Companion (D) None of these
12. **Miyawaki method of forest plantation was developed by:**
(A) USA-based forester (B) German-based forester (C) Both (A) & (B) (D) None of these
13. **Shisham tree is mainly used for:**
(A) Timber & fuel (B) Forage & medicine (C) Both (A) & (B) (D) None of these
14. **Vascular wilt is a:**
(A) Leaf disease (B) Stem disease (C) Both (A) & (B) (D) None of these
15. **Needle-cast/blight is a:**
(A) Seedling disease (B) Powdery mildew disease (C) Leaf spots disease (D) None of these
16. **The Pakistan National Conservation Strategy (NCS) have following conservation goals:**
(A) 11 (B) 13 (C) 15 (D) None of these
17. **Forestry is a provincial subject as per Constitution of the Islamic Republic of Pakistan. The role of Federal Government is limited to:**
(A) Forest policy, foreign assistance & training
(B) Research, education, provincial co-ordination, import & export of wood & wildlife
(C) Both (A) & (B) (D) None of these
18. **As per Pakistan Forest Act, 1927 private owners can offer their lands to Forest Department for afforestation and management for an agreed period:**
(A) 01 to 10 years (B) 10 to 20 years (C) 21 to 30 years (D) None of these
19. **Forest management can be defined as application of:**
(A) Scientific & administrative principles (B) Economic & social principles
(C) Both A & B (D) None of these
20. **A quantitative measure of tree stocking, expressed either relatively as a coefficient, taking normal numbers, basal area or volume is called:**
(A) Stocking (B) Stand density (C) Both (A) & (B) (D) None of these

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**NOTE:**

i. **Part-II** is to be attempted on the separate **Answer Book.**

ii. Attempt **ALL** questions from **Part-II.**

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 according 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.

## SECTION-A

Q2. Pakistan's economy is agro-based, and agricultural resources are limited; integration of these resources is indispensable for enhancing growers' profit as well as boosting the national economy. What are the key issues in this regard? Suggest suitable options for the adoption of integrated agriculture in Pakistan.

Q3. In Pakistan, the livestock, fisheries, and cotton industries are facing serious issues. Critically analyze these issues and suggest remedial measures to overcome these issues, keeping in view the interests of all stakeholders and government policies.

Q4. Overall, organic matter is low in our soils. Farmers apply inorganic fertilizers for the crops; however, inorganic fertilizers' efficiency is low under our existing cropping systems and environmental conditions. Integrated plant nutrient management might be a good option. How can inorganic fertilizers be enhanced? Waste from agro-based industries might be an option as an alternate source of crop plant nutrients?

Q5. Being an edible oil-deficient country, Pakistan has to spend a lot of foreign exchange for importing edible oil every year. Discuss causes of low oilseed productivity. Suggest an integrated strategy by integrating the stakeholders like farmers, agricultural scientists, industry, and the Government for improving the present situation by bridging the yield-gap and decreasing the import bill.

## SECTION-B

Q6. Discuss the current situation and role of wildlife in Pakistan. Suggest strategies to improve forest-based wildlife.

Q7. Fodder is an essential nutrient for livestock in Pakistan. But its availability is not guaranteed in the desired quantity throughout the year on a sustained basis, even though Pakistan has many rangelands. Suggest measures to improve the rangelands on scientific principles for the availability

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of fodder for livestock on a sustained basis.

Q8. Write short notes on the following:

Principles of Forestry

Laws of forest and wildlife in Pakistan



# PART-II

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.

## SECTION-A

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**Q. No. 2.** Pakistan's economy is agro-based and agricultural resources are limited, integration of these resources is indispensable for enhancing growers profit as well as boosting national economy. What are the key issues in this regard? Suggest suitable options for adoption of integrated agriculture in Pakistan. **(20)**

**Q. No. 3.** In Pakistan, the livestock, fisheries, and cotton industries are facing serious issues. Critically analyze these issues and suggest remedial measures to overcome these issues, keeping in view the interests of all stakeholders and government policies. **(20)**

**Q. No. 4.** Overall organic matter is low in our soils. Farmers apply inorganic fertilizers for the crops; however, inorganic fertilizer's efficiency is low under our existing cropping systems and environmental conditions. Integrated plant nutrient management might be a good option? How inorganic fertilizers efficiency can be enhanced? Waste of agro-based industries might be an option as alternate crop plant nutrients? **(20)**

**Q. No. 5.** Being an edible oil deficit country, Pakistan has to spend a lot of foreign exchange for importing edible oil every year. Discuss causes of low oilseed productivity. Suggest an integrated strategy by integrating the stakeholders like farmers, agricultural scientists, industry, and the Government for improving the present situation by bridging the yield-gap and decreasing the import bill. **(20)**

## SECTION-B

**Q. No. 6.** Discuss the current situation and role of wildlife in Pakistan. Suggest strategies to improve forest-based wildlife. **(20)**

**Q. No. 7.** Fodder is an essential nutrition for livestock in Pakistan. But, its availability is not guaranteed in desired quantity throughout the year on sustained basis, even though Pakistan has many rangelands. Suggest measures to improve the rangelands on scientific principles for availability of fodder for livestock on sustained basis. **(20)**

**Q. No. 8.** Write short notes on the following: **(10 each)** **(20)**

(a) Principles of forestry

(b) Laws of forest and wildlife in Pakistan