PPSC Agriculture Officer / Farm Manager / Cotton Inspector | BS-17 — GUESS PAPER 2026 (Set 2 of 2) · Predicted Questions

Body: Punjab Public Service Commission (PPSC) · **Post:** Agriculture Officer / Farm Manager / Cotton Inspector | BS-17 · **Set:** 2 of 2 · **Questions:** 100 predicted — 0 repeated questions, 50 verified facts predicted to recur, 50 syllabus anchors · **Price:** Free

GUESS PAPER — predicted questions for the upcoming exam, NOT a past paper. Every question below is a prediction: it is here because the same question, the same fact, or the same topic appeared in verified PPSC Agriculture Officer / Farm Manager / Cotton Inspector | BS-17 past papers. **No pass guarantee.** A guess paper raises the odds; it does not promise a result. Answers are the best-supported answers, not exam keys.
[C]-HEAVY PAPER — thin verified pool. 50 of the 100 questions below are syllabus anchors on this post's recurring topics, because the verified archive for this post holds only 100 items. Those questions are flagged [C] on every one of them: they are predictions about the syllabus, not verified facts. Study the topic, not just the answer.

> **How to use this paper:** study the basis under each question, not just the answer — the real paper will ask the same topics in different words. Revise the underlying topic, not only the four options. Do not quote any item as "asked in the 2026 exam" — nothing here has been asked yet.

Question 1 Agronomy

For wheat sown by drill at the optimum time, what seed rate per acre is recommended in Punjab?

- A. 60-70
- B. 40-50 ✓ **Predicted answer**

- D. 30-40

Why this answer? 40-50 kg/acre is the Punjab Agriculture Department drill-sowing rate for wheat at the optimum time; 50-60 kg/acre is the broadcasting rate.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q2 (verified item - correct answer: 40-50).

Question 2 Agronomy

Cotton (Gossypium spp.) belongs to which plant family?

- A. Fabaceae
- B. Malvaceae ✓ **Predicted answer**
- C. Poaceae
- D. None of these

Why this answer? Cotton (Gossypium spp.) belongs to the mallow family Malvaceae.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q4 (verified item - correct answer: Malvaceae).

Question 3 Agronomy

Which of these crops restores soil fertility by fixing atmospheric nitrogen?

- A. Sugarcane
- B. Sorghum
- C. Soybean ✓ **Predicted answer**
- D. Wheat

Why this answer? Soybean, a legume, fixes atmospheric nitrogen and restores soil fertility.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-

7 Q6 (verified item - correct answer: Soybean).

Question 4 Agronomy

Cotton carries out which type of photosynthesis, with PGA as its first fixation product?

- A. C4
- B. CAM
- C. C3 ✓ **Predicted answer**
- D. None of these

Why this answer? Cotton is a C3 plant; its first CO2-fixation product is PGA via the Calvin cycle.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q8 (verified item - correct answer: C3).

Question 5 Agronomy

Which weed is notorious in rice fields?

- A. Wild oat
- B. Deela ✓ **Predicted answer**
- C. Piazi
- D. All of these

Why this answer? Deela (Cyperus rotundus, purple nutsedge) is the notorious weed of rice fields.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q10 (verified item - correct answer: Deela).

Question 6 Agronomy

What is the most common carbohydrate stored in seeds?

- B. Glycogen
- C. Both a and b
- D. None of these

Why this answer? Starch is the main storage carbohydrate in seeds.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q12 (verified item - correct answer: Starch).

Question 7 Agronomy

Which combination covers the main problems of agriculture in Pakistan?

- A. Small land holding
- B. Non-mechanization
- C. Water shortage
- D. All of these ✓ **Predicted answer**

Why this answer? Small land holdings, non-mechanisation and water shortage are all listed together as the main problems of agriculture in Pakistan.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q14 (verified item - correct answer: All of these).

Question 8 Agronomy

Which of the following are agents responsible for wind erosion?

- A. Abrasion
- B. Suspension
- C. Extrusion
- D. All of these ✓ **Predicted answer**

Why this answer? Suspension and abrasion are both wind-erosion processes, so the

er takes them together as 'All of these'.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q16 (verified item - correct answer: All of these).

Question 9 Agronomy

Which crop is known scientifically as Brassica juncea?

- A. Toria
- B. Sarsoon
- C. Raya ✓ **Predicted answer**
- D. All of these

Why this answer? Brassica juncea is raya (Indian mustard).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q18 (verified item - correct answer: Raya).

Question 10 Agronomy

Which of these is a secondary plant nutrient rather than a primary one?

- A. K
- B. S ✓ **Predicted answer**
- C. N
- D. P

Why this answer? Sulphur, with calcium and magnesium, is a secondary plant nutrient.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q20 (verified item - correct answer: S).

Question 11 Agronomy

What row-to-row distance is recommended when sowing cotton?

- B. 60
- C. 45
- D. 100

Why this answer? The recommended row-to-row distance for cotton is 75 cm.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q22 (verified item - correct answer: 75).

Question 12 Agronomy

Which part of the sugarcane plant gives the best seed material?

- A. Bottom half
- B. Bottom one third
- C. Top one third ✓ **Predicted answer**
- D. Top half

Why this answer? The top one-third of the cane, with young vigorous buds, is the best seed material.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q24 (verified item - correct answer: Top one third).

Question 13 Agronomy

What are plants called that switch from vegetative to reproductive growth when days grow long?

- A. Long day plants ✓ **Predicted answer**
- B. Day neutral plants
- C. Short day plants
- D. All of these

swer? Long-day plants flower when the day length exceeds a critical value.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q26 (verified item - correct answer: Long day plants).

Question 14 Agronomy

What is the part of the stem below the cotyledons called?

- A. Epicotyl
- B. Hypocotyl ✓ **Predicted answer**
- C. Both a and b
- D. None of these

Why this answer? The hypocotyl is the part of the stem below the cotyledons.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q28 (verified item - correct answer: Hypocotyl).

Question 15 Agronomy

What is the name of the first uptake of water by a dry seed?

- A. Imbibition ✓ **Predicted answer**
- B. Hydration
- C. Hydrolysis
- D. None of these

Why this answer? Imbibition is the initial uptake of water by a dry seed.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q30 (verified item - correct answer: Imbibition).

Question 16 Agronomy

By which process can saline-sodic soils be made useful again?

eneration

- B. Reclamation ✓ **Predicted answer**
- C. Resolution
- D. None of these

Why this answer? Saline-sodic soils are made useful by reclamation (gypsum application plus leaching).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q32 (verified item - correct answer: Reclamation).

Question 17 Agronomy

Which of the following is a macronutrient needed by plants in large amounts?

- A. Potassium ✓ **Predicted answer**
- B. Copper
- C. Boron
- D. Zinc

Why this answer? Potassium is a macronutrient (a primary nutrient).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q34 (verified item - correct answer: Potassium).

Question 18 Agronomy

Which season's crops are sown in June-July in Punjab?

- A. Kharif ✓ **Predicted answer**
- B. Rabi
- C. Zaid
- D. Winter

Why this answer? Kharif crops are sown in June-July with the summer rains and

autumn.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: rabi and kharif sowing seasons recur in every sitting of this post.

Question 19 Agronomy

Which of these is a rabi crop?

- A. Cotton
- B. Maize
- C. Rice
- D. Wheat ✓ **Predicted answer**

Why this answer? Wheat is a rabi crop; rice, maize and cotton are kharif crops.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: rabi and kharif crop lists recur in every sitting of this post.

Question 20 Agronomy

Muriate of potash (MOP) supplies which nutrient, at about 60%?

- A. Nitrogen
- B. Potassium ✓ **Predicted answer**
- C. Phosphorus
- D. Calcium

Why this answer? MOP (potassium chloride) contains about 60% K2O, the standard potash fertiliser.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: fertiliser nutrient contents recur in every sitting of this post.

21 Agronomy

Which fertiliser is the main source of phosphorus for Pakistani farmers?

- A. Urea
- B. Gypsum
- C. DAP ✓ **Predicted answer**
- D. MOP

Why this answer? DAP is the commonest phosphatic fertiliser, supplying 46% P2O5.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: fertiliser nutrient contents recur in every sitting of this post.

Question 22 Agronomy

A soil with pH below 7 is described as what?

- A. Alkaline
- B. Acidic ✓ **Predicted answer**
- C. Saline
- D. Neutral

Why this answer? Soils below pH 7 are acidic; above 7 they are alkaline.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: soil pH scale recur in every sitting of this post.

Question 23 Agronomy

Which soil drains water the fastest?

- A. Sandy soil ✓ **Predicted answer**
- B. Silty soil
- C. Clayey soil
- D. Loamy soil

swer? Sandy soil has large particles and large pores, so water drains through it fastest.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: soil types and crop suitability recur in every sitting of this post.

Question 24 Agronomy

Farmyard manure (FYM) is an example of which type of fertiliser?

- A. Chemical fertiliser
- B. Bio-fertiliser
- C. Organic fertiliser ✓ **Predicted answer**
- D. None of these

Why this answer? Farmyard manure is decomposed animal dung and litter, an organic fertiliser.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: organic manures recur in every sitting of this post.

Question 25 Agronomy

What is the scattering of seed by hand over a field called?

- A. Dibbling
- B. Drilling
- C. Transplanting
- D. Broadcasting ✓ **Predicted answer**

Why this answer? Broadcasting is scattering seed by hand or machine over the field surface.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: sowing methods recur in every sitting of this post.

26 Agronomy

Raising seedlings in a nursery and then shifting them to the field is called what?

- A. Thinning
- B. Broadcasting
- C. Hoeing
- D. Transplanting ✓ **Predicted answer**

Why this answer? In transplanting, seedlings raised in a nursery are shifted to the main field.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: sowing methods recur in every sitting of this post.

Question 27 Agronomy

In sprinkler irrigation, water is applied to the crop in what form?

- A. Furrows
- B. Flood
- C. Drops at roots
- D. Spray like rain ✓ **Predicted answer**

Why this answer? Sprinkler irrigation sprays water over the crop like rain.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: irrigation methods recur in every sitting of this post.

Question 28 Agronomy

One hectare is equal to about how many acres?

- A. 1.5 acres
- B. 3.5 acres
- C. 5 acres

7 acres ✓ **Predicted answer**

Why this answer? One hectare equals 2.47 acres.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: land measurement units recur in every sitting of this post.

Question 29 Agronomy

Which process do plants use to make their food using sunlight?

- A. Fermentation
- B. Transpiration
- C. Photosynthesis ✓ **Predicted answer**
- D. Respiration

Why this answer? In photosynthesis plants use sunlight, water and carbon dioxide to make food.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: photosynthesis recur in every sitting of this post.

Question 30 Agronomy

Tiny pores on leaves through which gases pass in and out are called what?

- A. Roots
- B. Lenticels
- C. Veins
- D. Stomata ✓ **Predicted answer**

Why this answer? Stomata are the small pores on leaves for gas exchange and transpiration.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: plant structure recur in every sitting of this post.

31 Agronomy

Which of these is a secondary plant nutrient?

- A. Nitrogen
- B. Zinc
- C. Calcium ✓ **Predicted answer**
- D. Iron

Why this answer? Calcium, magnesium and sulphur are secondary nutrients; zinc and iron are micronutrients.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: plant nutrients recur in every sitting of this post.

Question 32 Agronomy

Purpling of leaves and stems is a symptom of deficiency of which nutrient?

- A. Phosphorus ✓ **Predicted answer**
- B. Nitrogen
- C. Magnesium
- D. Potassium

Why this answer? Phosphorus deficiency causes purplish colouring of leaves and stems.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: nutrient deficiency symptoms recur in every sitting of this post.

Question 33 Agronomy

Scorching or burning of leaf margins is a symptom of deficiency of which nutrient?

- A. Nitrogen
- B. Potassium ✓ **Predicted answer**
- C. Phosphorus

Why this answer? Potassium deficiency shows as scorching or firing of leaf margins.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: nutrient deficiency symptoms recur in every sitting of this post.

Question 34 Agronomy

Which amendment is commonly applied to reclaim sodic (alkaline) soils?

- A. Gypsum ✓ **Predicted answer**
- B. Urea
- C. DAP
- D. Lime

Why this answer? Gypsum replaces sodium on the soil exchange complex, so it reclaims sodic soils.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: soil reclamation recur in every sitting of this post.

Question 35 Agronomy

Onion is botanically which part of the plant?

- A. Fruit
- B. Stem
- C. Root
- D. Bulb ✓ **Predicted answer**

Why this answer? Onion is a bulb, a modified underground stem with fleshy leaves.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: vegetable classification recur in every sitting of this post.

36 Agronomy

Carrot is botanically which part of the plant?

- A. Stem
- B. Leaf
- C. Fruit
- D. Root ✓ **Predicted answer**

Why this answer? Carrot is a taproot, the swollen main root of the plant.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: vegetable classification recur in every sitting of this post.

Question 37 Agronomy

What is the falling over of crop plants, often due to wind or heavy rain, called?

- A. Tillering
- B. Lodging ✓ **Predicted answer**
- C. Shedding
- D. Wilting

Why this answer? Lodging is the falling over of crop plants, which makes harvesting difficult.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: crop growth terms recur in every sitting of this post.

Question 38 Entomology

Which formulation carries the active ingredient most often in oil-based insecticides?

- A. Wettable powder
- B. Emulsifiable concentrate ✓ **Predicted answer**
- C. Granules

ne of these

Why this answer? Emulsifiable concentrate (EC) is the commonest active-ingredient formulation in oil-based insecticides.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q36 (verified item - correct answer: Emulsifiable concentrate).

Question 39 Entomology

Gurdaspur borer is a serious pest of which crop?

- A. Wheat
- B. Sugarcane ✓ **Predicted answer**
- C. Rice
- D. Oat

Why this answer? Gurdaspur borer is a serious pest of sugarcane.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q38 (verified item - correct answer: Sugarcane).

Question 40 Entomology

Most insecticide formulations are available in which forms?

- A. Dust
- B. Granules
- C. EC and WP ✓ **Predicted answer**
- D. All of these

Why this answer? Most insecticide formulations are emulsifiable concentrates (EC) and wettable powders (WP).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q40 (verified item - correct answer: EC and WP).

41 Entomology

Bacterial blight is the classic disease of which crop?

- A. Oat
- B. Wheat
- C. Rice ✓ **Predicted answer**
- D. None of these

Why this answer? Bacterial blight is the classic disease of rice.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q42 (verified item - correct answer: Rice).

Question 42 Entomology

Which medium is most commonly used for studying microorganisms?

- A. Agar ✓ **Predicted answer**
- B. Arabic gum
- C. Both a and b
- D. None of these

Why this answer? Agar is the most commonly used solid medium for studying microorganisms.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q44 (verified item - correct answer: Agar).

Question 43 Entomology

Diseases caused by abiotic (non-living) factors are called what?

- A. Infectious
- B. Non-infectious ✓ **Predicted answer**
- C. Both a and b

ne of these

Why this answer? Diseases caused by abiotic (non-living) factors are non-infectious.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q46 (verified item - correct answer: Non-infectious).

Question 44 Entomology

Which migratory pest can destroy standing crops in swarms?

- A. Termite
- B. Aphid
- C. Whitefly
- D. Locust ✓ **Predicted answer**

Why this answer? Locusts move in huge swarms and can strip whole fields of crops.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: crop pests recur in every sitting of this post.

Question 45 Entomology

A chemical used to kill weeds is called what?

- A. Pesticide
- B. Insecticide
- C. Fungicide
- D. Herbicide ✓ **Predicted answer**

Why this answer? A herbicide kills weeds; the word covers selective and non-selective weedkillers.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: pesticides recur in every sitting of this post.

46 Entomology

A chemical used to kill insects is called what?

- A. Fungicide
- B. Herbicide
- C. Insecticide ✓ **Predicted answer**
- D. Rodenticide

Why this answer? An insecticide is a chemical that kills insects.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: pesticides recur in every sitting of this post.

Question 47 Entomology

Which insect pest bores into the stem of rice and sugarcane?

- A. Stem borer ✓ **Predicted answer**
- B. Thrips
- C. Aphid
- D. Jassid

Why this answer? Stem borers tunnel into the stems of rice, sugarcane and maize.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: crop pests recur in every sitting of this post.

Question 48 Entomology

Pheromone traps are used in fields mainly to do what?

- A. Kill weeds
- B. Attract and catch male insects ✓ **Predicted answer**
- C. Measure soil pH
- D. Water crops

swer? Pheromone traps use scent lures to attract and catch male insects for monitoring and control.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: pest management approaches recur in every sitting of this post.

Question 49 Entomology

Which of these is a sucking pest that feeds on plant sap?

- A. Cutworm
- B. Aphid ✓ **Predicted answer**
- C. Termite
- D. Bollworm

Why this answer? Aphids are sucking pests that feed on plant sap and weaken the plant.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: crop pests recur in every sitting of this post.

Question 50 Horticulture

What is the study of fruits called?

- A. Floriculture
- B. Pomology ✓ **Predicted answer**
- C. Oleiriculture
- D. None of these

Why this answer? Pomology is the study of fruits.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q48 (verified item - correct answer: Pomology).

51 Horticulture

Cutting back the upper part of a plant shoot is called what?

- A. Heading back ✓ **Predicted answer**
- B. Pruning
- C. Desukering
- D. None of these

Why this answer? Heading back is the cutting back of the terminal or upper portion of a shoot or branch.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q50 (verified item - correct answer: Heading back).

Question 52 Horticulture

In which season are evergreen cuttings planted?

- A. Rainy season
- B. Autumn ✓ **Predicted answer**
- C. Spring
- D. None of these

Why this answer? Evergreen (semi-hardwood) cuttings are planted in autumn, when the season's growth has matured.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q52 (verified item - correct answer: Autumn).

Question 53 Horticulture

Which practice means cutting away unwanted branches of a fruit tree?

- A. Budding
- B. Grafting

ning ✓ **Predicted answer**
- D. Training

Why this answer? Pruning removes dead, diseased or unwanted branches to improve tree health and fruiting.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: orchard management recur in every sitting of this post.

Question 54 Horticulture

An area where fruit trees are grown together is called what?

- A. Forest
- B. Garden
- C. Orchard ✓ **Predicted answer**
- D. Nursery

Why this answer? An orchard is an area planted with fruit trees.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: orchard management recur in every sitting of this post.

Question 55 Horticulture

Grapes are commonly propagated by which method?

- A. Budding
- B. Seed
- C. Layering
- D. Cuttings ✓ **Predicted answer**

Why this answer? Grapes are propagated by hardwood cuttings, which root readily.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: horticultural propagation recur in every sitting of this post.

56 Horticulture

Cauliflower is botanically which part of the plant?

- A. Stem
- B. Flower (curd) ✓ **Predicted answer**
- C. Leaf
- D. Root

Why this answer? The cauliflower curd is a mass of undeveloped flower buds.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: vegetable classification recur in every sitting of this post.

Question 57 Horticulture

Which leafy vegetable is a rich source of iron?

- A. Spinach ✓ **Predicted answer**
- B. Potato
- C. Onion
- D. Cabbage

Why this answer? Spinach is a leafy vegetable well known as a rich source of iron.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: vegetables and nutrition recur in every sitting of this post.

Question 58 Plant Breeding

Which of these crops is self-pollinated?

- A. Sugarcane
- B. Wheat ✓ **Predicted answer**
- C. Maize
- D. Sorghum

swer? Wheat is a self-pollinated crop.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q54 (verified item - correct answer: Wheat).

Question 59 Agro-Forestry

Re-establishing a forest by natural or artificial means is called what?

- A. Regeneration ✓ **Predicted answer**
- B. Recultivation
- C. Re-shaping
- D. None of these

Why this answer? Re-establishment of forest by natural or artificial means is regeneration.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q56 (verified item - correct answer: Regeneration).

Question 60 Agricultural Extension

Radio, television and newspapers are all examples of what kind of communication?

- A. TV
- B. Radio
- C. Newspaper
- D. All of these ✓ **Predicted answer**

Why this answer? Radio, TV and newspapers are all examples of mass media communication.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q58 (verified item - correct answer: All of these).

61 Agricultural Extension

Which activity is the field-level economic activity in agriculture?

- A. Economic growth
- B. Production economics
- C. Farm management ✓ **Predicted answer**
- D. None of these

Why this answer? Farm management is the field-level (micro) economic activity at the farm.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q60 (verified item - correct answer: Farm management).

Question 62 Agri-Economics

What is a legally fixed maximum price called?

- A. Ceiling price ✓ **Predicted answer**
- B. Retail price
- C. Floor price
- D. Max price

Why this answer? A legally fixed maximum price is a ceiling price.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q62 (verified item - correct answer: Ceiling price).

Question 63 Agri-Economics

Which interest-bearing deposit can normally be withdrawn by the depositor at any time?

- A. Saving deposit ✓ **Predicted answer**
- B. Fixed deposit
- C. Capital deposit

ne of these

Why this answer? A saving deposit is interest-bearing and withdrawable at any time.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q64 (verified item - correct answer: Saving deposit).

Question 64 Agri-Economics

PARC stands for what?

- A. Punjab Agricultural Research Centre
- B. Pakistan Agricultural Research Council ✓ **Predicted answer**
- C. Pakistan Animal Research Council
- D. Pakistan Agronomy Research Committee

Why this answer? PARC is the Pakistan Agricultural Research Council, the apex agricultural research body.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agri-Economics: agricultural institutions recur in every sitting of this post.

Question 65 Agri-Economics

NARC, the National Agricultural Research Centre, is located in which city?

- A. Islamabad ✓ **Predicted answer**
- B. Multan
- C. Faisalabad
- D. Lahore

Why this answer? NARC is in Islamabad, under the Pakistan Agricultural Research Council.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agri-Economics: agricultural institutions recur in every sitting of this post.

66 Agri-Economics

Who is known as the father of the Green Revolution?

- A. Norman Borlaug ✓ **Predicted answer**
- B. Justus von Liebig
- C. M. S. Swaminathan
- D. Gregor Mendel

Why this answer? Norman Borlaug, who developed high-yielding wheat varieties, is called the father of the Green Revolution.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agri-Economics: Green Revolution recur in every sitting of this post.

Question 67 Food Science

Which are among the oldest techniques for preserving food?

- A. Irradiation
- B. Cold storage and freezing
- C. Drying and dehydration ✓ **Predicted answer**
- D. None of these

Why this answer? Drying and dehydration are among the oldest food preservation techniques.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q66 (verified item - correct answer: Drying and dehydration).

Question 68 Food Science

Lime, lemon juice and pickles fall into which food-acid class?

- A. Medium acid
- B. Low acid

n acid ✓ **Predicted answer**

- D. None of these

Why this answer? Lime, lemon juice and pickles are high-acid foods.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q68 (verified item - correct answer: High acid).

Question 69 Food Science

Which brief heat treatment destroys enzymes in plant material before canning or freezing?

- A. Tyndallization
- B. Pasteurization
- C. Sterilization
- D. Blanching ✓ **Predicted answer**

Why this answer? Blanching (brief hot-water treatment) destroys enzymes before canning, freezing or dehydration.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q70 (verified item - correct answer: Blanching).

Question 70 Food Science

Which pair are examples of fermented dairy products?

- A. Cream and ice cream
- B. Butter and cream
- C. Cheese and Yoghurt ✓ **Predicted answer**
- D. All of these

Why this answer? Cheese and yoghurt are fermented dairy products.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-

7 Q72 (verified item - correct answer: Cheese and Yoghurt).

Question 71 Food Science

Citrus fruits and tomatoes are rich in which vitamin?

- A. A
- B. D
- C. B
- D. C ✓ **Predicted answer**

Why this answer? Citrus fruits and tomatoes are rich in vitamin C.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q74 (verified item - correct answer: C).

Question 72 Food Science

Ghee is best described as what?

- A. Fermented milk
- B. Clarified butter ✓ **Predicted answer**
- C. Cream
- D. Cheese

Why this answer? Ghee is clarified butter, made by simmering butter to remove water and milk solids.

Why predicted [C] — Syllabus anchor: syllabus anchor - Food Science: dairy products recur in every sitting of this post.

Question 73 Food Science

Cheese is made from milk mainly by coagulating which part?

- A. Milk sugar

- C protein ✓ **Predicted answer**
- C. Milk water
- D. Milk fat

Why this answer? Cheese is made by coagulating milk protein (casein), usually with rennet.

Why predicted [C] — Syllabus anchor: syllabus anchor - Food Science: dairy products recur in every sitting of this post.

Question 74 Food Science

Mustard oil is obtained from which part of the mustard plant?

- A. Root
- B. Stem
- C. Leaf
- D. Seed ✓ **Predicted answer**

Why this answer? Mustard oil is pressed from mustard seed, an oilseed.

Why predicted [C] — Syllabus anchor: syllabus anchor - Food Science: oilseeds and oils recur in every sitting of this post.

Question 75 Food Science

Which vitamin is abundant in guava?

- A. Vitamin C ✓ **Predicted answer**
- B. Vitamin A
- C. Vitamin D
- D. Vitamin B

Why this answer? Guava is one of the richest fruit sources of vitamin C.

Why predicted [C] — Syllabus anchor: syllabus anchor - Food Science: food nutrients

Question 76 General Knowledge

In which city is the headquarters of the Food and Agriculture Organization (FAO)?

- A. Rome ✓ **Predicted answer**
- B. Colombo
- C. Austria
- D. None of these

Why this answer? The Food and Agriculture Organization (FAO) is headquartered in Rome, Italy.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q76 (verified item - correct answer: Rome).

Question 77 General Knowledge

CIMMYT (International Maize and Wheat Improvement Center) works on which crops?

- A. Maize and millet
- B. Maize and wheat ✓ **Predicted answer**
- C. Oat and wheat
- D. None of these

Why this answer? CIMMYT (International Maize and Wheat Improvement Center) works on maize and wheat.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q78 (verified item - correct answer: Maize and wheat).

Question 78 General Knowledge

Waste water and liquid discharged from industry is known as what?

ustry water

- B. Waste material
- C. Effluent ✓ **Predicted answer**
- D. None of these

Why this answer? Waste water and liquid from industry is called effluent.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q80 (verified item - correct answer: Effluent).

Question 79 General Knowledge

What does CSS stand for in Pakistan's civil service?

- A. Central superior services ✓ **Predicted answer**
- B. Civil superior services
- C. Central civil services
- D. None of these

Why this answer? CSS stands for Central Superior Services.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q84 (verified item - correct answer: Central superior services).

Question 80 General Knowledge

In which year was Machu Picchu in Peru brought to world attention?

- A. 1931
- B. 1921
- C. 1911 ✓ **Predicted answer**
- D. 1941

Why this answer? Machu Picchu was brought to world attention in 1911 by Hiram Bingham.

ed [B] — verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q96 (verified item - correct answer: 1911).

Question 81 General Knowledge

Which city is the capital of Pakistan?

- A. Islamabad ✓ **Predicted answer**
- B. Rawalpindi
- C. Lahore
- D. Karachi

Why this answer? Islamabad is the capital of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor - General Knowledge: Pakistan geography recur in every sitting of this post.

Question 82 General Knowledge

Which is the national bird of Pakistan?

- A. Peacock
- B. Pigeon
- C. Eagle
- D. Chukar partridge ✓ **Predicted answer**

Why this answer? The chukar partridge is the national bird of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor - General Knowledge: national symbols of Pakistan recur in every sitting of this post.

Question 83 General Knowledge

On which date is Pakistan Day celebrated?

- A. 6 September

- C. 23 March ✓ **Predicted answer**
- D. 14 August

Why this answer? Pakistan Day, marking the Lahore Resolution of 1940, is celebrated on 23 March.

Why predicted [C] — Syllabus anchor: syllabus anchor - General Knowledge: national days of Pakistan recur in every sitting of this post.

Question 84 General Knowledge

In which sport has Pakistan won Olympic gold medals?

- A. Hockey ✓ **Predicted answer**
- B. Squash
- C. Football
- D. Cricket

Why this answer? Pakistan has won three Olympic gold medals in field hockey.

Why predicted [C] — Syllabus anchor: syllabus anchor - General Knowledge: sports of Pakistan recur in every sitting of this post.

Question 85 Science

Which metal is the best electrical conductor?

- A. Diamond
- B. Silver ✓ **Predicted answer**
- C. Wood
- D. None of these

Why this answer? Silver is the best electrical conductor among common metals.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-

7 Q82 (verified item - correct answer: Silver).

Question 86 Science

What is the chemical symbol of water?

- A. CO2
- B. O2
- C. H2O ✓ **Predicted answer**
- D. NaCl

Why this answer? Water is H2O: two hydrogen atoms and one oxygen atom.

Why predicted [C] — Syllabus anchor: syllabus anchor - Science: basic chemistry recur in every sitting of this post.

Question 87 Science

Which gas do humans need to breathe to live?

- A. Carbon dioxide
- B. Oxygen ✓ **Predicted answer**
- C. Nitrogen
- D. Hydrogen

Why this answer? Humans need oxygen from the air for respiration.

Why predicted [C] — Syllabus anchor: syllabus anchor - Science: basic science recur in every sitting of this post.

Question 88 Islamiat

Which of these cities are included in the Hijaz?

- A. Taef
- B. Medina

- D. All of these ✓ **Predicted answer**

Why this answer? Makkah, Medina and Taif are all cities of the Hijaz region.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q86 (verified item - correct answer: All of these).

Question 89 Islamiat

In which month do Muslims fast from dawn to sunset?

- A. Muharram
- B. Zil Hajj
- C. Shawwal
- D. Ramadan ✓ **Predicted answer**

Why this answer? Muslims fast during Ramadan, the ninth month of the Islamic calendar.

Why predicted [C] — Syllabus anchor: syllabus anchor - Islamiat: Islamic months and fasting recur in every sitting of this post.

Question 90 Islamiat

The pilgrimage to Makkah performed by Muslims is called what?

- A. Umrah
- B. Itikaf
- C. Hajj ✓ **Predicted answer**
- D. Zakat

Why this answer? Hajj is the pilgrimage to Makkah, one of the five pillars of Islam.

Why predicted [C] — Syllabus anchor: syllabus anchor - Islamiat: pillars of Islam recur in every sitting of this post.

91 English

Which word is closest in meaning to 'engross'?

- A. Absorbed ✓ **Predicted answer**
- B. Extended
- C. Expanded
- D. None of these

Why this answer? 'Engross' means to absorb fully, so its synonym is 'absorbed'.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q88 (verified item - correct answer: Absorbed).

Question 92 English

What is the antonym of the word 'hot'?

- A. Heated
- B. Boiling
- C. Warm
- D. Cold ✓ **Predicted answer**

Why this answer? 'Cold' is the opposite of 'hot'.

Why predicted [C] — Syllabus anchor: syllabus anchor - English: English vocabulary recur in every sitting of this post.

Question 93 English

What is the plural of the word 'child'?

- A. Childrens
- B. Childs
- C. Childes
- D. Children ✓ **Predicted answer**

swer? The plural of "child" is "children".

Why predicted [C] — Syllabus anchor: syllabus anchor - English: English grammar recur in every sitting of this post.

Question 94 Computer

Which of these can be sent by email as an attachment?

- A. Word document
- B. Audio
- C. Video
- D. All of these ✓ **Predicted answer**

Why this answer? A Word document, audio and video can all be sent as email attachments.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q90 (verified item - correct answer: All of these).

Question 95 Computer

What does RAM stand for?

- A. Random Access Memory ✓ **Predicted answer**
- B. Read Access Memory
- C. Rapid Action Memory
- D. Remote Access Machine

Why this answer? RAM stands for Random Access Memory, the computer's short-term memory.

Why predicted [C] — Syllabus anchor: syllabus anchor - Computer: computer basics recur in every sitting of this post.

96 Pakistan Studies

In which year did the Srinagar-Muzaffarabad bus service start?

- A. 2002
- B. 2006
- C. 2005 ✓ **Predicted answer**
- D. 2001

Why this answer? The Srinagar-Muzaffarabad bus service started in 2005 (7 April 2005).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q98 (verified item - correct answer: 2005).

Question 97 Mathematics

If 10 people complete a work in 14 days, in how many days will 4 people complete the same work?

- A. 45
- B. 30
- C. 40
- D. 35 ✓ **Predicted answer**

Why this answer? 10 people x 14 days = 140 man-days; 140 / 4 people = 35 days.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q92 (verified item - correct answer: 35).

Question 98 Urdu Literature

Who wrote 'Zinda Rood', the biography of Allama Iqbal?

- A. Allama Iqbal
- B. Rafihudin Hashmi
- C. Javed Iqbal ✓ **Predicted answer**

Why this answer? 'Zinda Rood' is the biography of Allama Iqbal written by his son Javed Iqbal.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q94 (verified item - correct answer: Javed Iqbal).

Question 99 Sports

Which Pakistani batsman scored 210 runs in a one-day international match?

- A. Imran khan
- B. Shahid Afridi
- C. Shoaib Mailk
- D. Fakhar Zaman ✓ **Predicted answer**

Why this answer? Fakhar Zaman scored 210 not out against Zimbabwe in 2018, the first ODI double century by a Pakistani.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q100 (verified item - correct answer: Fakhar Zaman).

Question 100 Sports

In which year did Pakistan win the Cricket World Cup?

- A. 1999
- B. 2011
- C. 1992 ✓ **Predicted answer**
- D. 1987

Why this answer? Pakistan won the Cricket World Cup in 1992 under Imran Khan's captaincy.

Why predicted [C] — Syllabus anchor: syllabus anchor - Sports: cricket recur in every

s post.

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