PPSC Agriculture Officer / Farm Manager / Cotton Inspector | BS-17 — GUESS PAPER 2026 (Set 1 of 2) · Predicted Questions

Body: Punjab Public Service Commission (PPSC) · **Post:** Agriculture Officer / Farm Manager / Cotton Inspector | BS-17 · **Set:** 1 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 Do not quote any item as "asked in the 2026 exam" — nothing here has been asked yet.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

Which kind of herbicide is 2,4-D, given that it kills broadleaf weeds but spares grasses like wheat?

- A. Non-selective
- B. Selective ✓ **Predicted answer**

- D. None of these

Why this answer? 2,4-D is a selective herbicide: it kills broadleaf weeds while leaving grasses such as wheat largely unharmed.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q1 (verified item - correct answer: Selective).

Question 2 Agronomy

To which plant family does wheat (Triticum aestivum) belong?

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

Why this answer? Wheat (Triticum aestivum) belongs to the grass family Poaceae.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q3 (verified item - correct answer: Poaceae).

Question 3 Agronomy

Under waterlogged conditions in a rice field, which form of nitrogen should preferably be supplied?

- A. NO2
- B. NO3
- C. NH4 ✓ **Predicted answer**
- D. All of these

Why this answer? Under submerged rice soils ammonium (NH4+) is preferred because nitrate is lost by denitrification.

ed [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q5 (verified item - correct answer: NH4).

Question 4 Agronomy

Which instrument shows the direction from which the wind is blowing?

- A. Wind van ✓ **Predicted answer**
- B. Anemometer
- C. Hydrometer
- D. All of these

Why this answer? A wind vane shows wind direction.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q7 (verified item - correct answer: Wind van).

Question 5 Agronomy

Which of the following is grown as a kharif (summer) crop?

- A. Oat
- B. Barely
- C. Wheat
- D. Maize ✓ **Predicted answer**

Why this answer? Maize is a kharif (summer) crop.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q9 (verified item - correct answer: Maize).

Question 6 Agronomy

At what soil pH range is phosphorus most available to plants?

- A. 6-7.5 ✓ **Predicted answer**

- C. 5-6
- D. All of these

Why this answer? Phosphorus availability peaks near neutrality, about pH 6-7.5.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q11 (verified item - correct answer: 6-7.5).

Question 7 Agronomy

Which saturated fatty acid dominates the oil of oilseed crops?

- A. Linoleic acid
- B. Palmatic acid ✓ **Predicted answer**
- C. Acetic acid
- D. None of these

Why this answer? Palmitic acid (printed 'Palmatic acid' in the source) is the most common saturated fatty acid in oilseed oils.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q13 (verified item - correct answer: Palmatic acid).

Question 8 Agronomy

What are plants called that demand abundant water?

- A. Hydrophyte ✓ **Predicted answer**
- B. Halophytes
- C. Xerophyte
- D. None of these

Why this answer? Hydrophytes are water-loving plants that demand abundant water.

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

7 Q15 (verified item - correct answer: Hydrophyte).

Question 9 Agronomy

Soil factors are also known as which kind of factors?

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

Why this answer? Soil factors are called edaphic factors.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q17 (verified item - correct answer: Edaphic).

Question 10 Agronomy

Deficiency of which micronutrient causes khaira disease in rice?

- A. Cu
- B. Zn ✓ **Predicted answer**
- C. Mg
- D. None of these

Why this answer? Zinc deficiency is the classic micronutrient disorder of rice (khaira disease).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q19 (verified item - correct answer: Zn).

Question 11 Agronomy

Among sand, silt and clay, which soil separate has the largest particles?

- A. Silt

- C. Clay
- D. All of these

Why this answer? Sand particles (0.05-2 mm) are the largest of the three soil separates.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q21 (verified item - correct answer: Sand).

Question 12 Agronomy

What is the total depth of water needed by a crop from sowing to harvest called?

- A. Indus delta
- B. Delta of water ✓ **Predicted answer**
- C. Duty of water
- D. None of these

Why this answer? The total depth of water required from sowing to harvesting is the delta of water.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q23 (verified item - correct answer: Delta of water).

Question 13 Agronomy

In maize, which flower emerges first, the male tassel or the female silk?

- A. Tassel ✓ **Predicted answer**
- B. Silk
- C. Both at same time
- D. None of these

Why this answer? In maize the tassel (male flower) emerges before the silk (female flower).

ed [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q25 (verified item - correct answer: Tassel).

Question 14 Agronomy

After juice is extracted from sugarcane, what is the fibrous residue left behind called?

- A. Bagasse ✓ **Predicted answer**
- B. Pressmud
- C. Filter cake
- D. None of these

Why this answer? Bagasse is the fibrous residue left after sugarcane juice is extracted.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q27 (verified item - correct answer: Bagasse).

Question 15 Agronomy

Which of the following are used for soil water conservation?

- A. Mulching
- B. Deep tillage
- C. Soil organic matter
- D. All of these ✓ **Predicted answer**

Why this answer? Mulching, soil organic matter and deep tillage are all used for soil water conservation.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q29 (verified item - correct answer: All of these).

16 Agronomy

Conservation agriculture, with minimum tillage and residue cover, is a type of which agriculture?

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

Why this answer? Conservation agriculture (minimum tillage, residue cover, rotation) is a form of sustainable agriculture.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q31 (verified item - correct answer: Sustainable).

Question 17 Agronomy

Which plant hormone is a gas and promotes fruit ripening?

- A. Auxin
- B. Acetic acid
- C. IAA
- D. Ethylene ✓ **Predicted answer**

Why this answer? Ethylene is the gaseous plant hormone (the ripening hormone).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q33 (verified item - correct answer: Ethylene).

Question 18 Agronomy

According to the classification keyed in the source paper, semi-arid regions receive annual rainfall of how much?

- A. 0-250

-750 ✓ **Predicted answer**

- C. More than 1000
- D. More than 750

Why this answer? 500-750 mm falls inside the FAO semi-arid range for summer rains, so it is the keyed answer.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q35 (verified item - correct answer: 500-750).

Question 19 Agronomy

Which season's crops are sown in October-November in Punjab?

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

Why this answer? Rabi crops are sown in October-November and harvested in spring.

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

Question 20 Agronomy

Which of these is a kharif crop?

- A. Wheat
- B. Mustard
- C. Rice ✓ **Predicted answer**
- D. Gram

Why this answer? Rice is sown in the kharif (summer) season, while wheat, gram and mustard are rabi crops.

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

Question 21 Agronomy

Urea fertiliser supplies mainly which nutrient, and at about what percentage?

- A. Nitrogen, 46% ✓ **Predicted answer**
- B. Phosphorus, 46%
- C. Potassium, 60%
- D. Sulphur, 24%

Why this answer? Urea contains 46% nitrogen, the standard nitrogenous fertiliser.

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

Question 22 Agronomy

DAP fertiliser contains which two nutrients?

- A. Phosphorus and potassium
- B. Nitrogen and potassium
- C. Nitrogen and sulphur
- D. Nitrogen and phosphorus ✓ **Predicted answer**

Why this answer? DAP (diammonium phosphate) supplies nitrogen (18%) and phosphorus (46% P2O5).

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

Question 23 Agronomy

What is the pH of a neutral soil?

- B. 5.0
- C. 8.0
- D. 6.0

Why this answer? A pH of 7.0 is neutral; below 7 is acidic and above 7 is alkaline.

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

Question 24 Agronomy

Which soil is generally considered best for growing most crops?

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

Why this answer? Loam, a balanced mix of sand, silt and clay, holds water and nutrients well yet drains freely.

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

Question 25 Agronomy

Legume crops improve soil fertility because their roots carry which nitrogen-fixing bacteria?

- A. Nitrosomonas
- B. Rhizobium ✓ **Predicted answer**
- C. E. coli
- D. Azotobacter

swer? Rhizobium bacteria live in legume root nodules and fix atmospheric nitrogen.

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

Question 26 Agronomy

What is the practice of growing two or more crops together on the same field called?

- A. Monocropping
- B. Fallowing
- C. Crop rotation
- D. Intercropping ✓ **Predicted answer**

Why this answer? Intercropping is growing two or more crops together on the same land at the same time.

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

Question 27 Agronomy

What is the practice of growing different crops on the same land in successive seasons called?

- A. Intercropping
- B. Crop rotation ✓ **Predicted answer**
- C. Relay cropping
- D. Mixed cropping

Why this answer? Crop rotation changes the crop grown on a piece of land from season to season.

Why predicted [C] — Syllabus anchor: syllabus anchor - Agronomy: cropping systems

y sitting of this post.

Question 28 Agronomy

Which irrigation method delivers water drop by drop to the root zone and saves the most water?

- A. Drip irrigation ✓ **Predicted answer**
- B. Sprinkler irrigation
- C. Furrow irrigation
- D. Flood irrigation

Why this answer? Drip irrigation applies water slowly at the root zone, so losses are lowest.

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

Question 29 Agronomy

One acre is equal to how many kanals in Punjab?

- A. 10 kanals
- B. 4 kanals
- C. 6 kanals
- D. 8 kanals ✓ **Predicted answer**

Why this answer? One acre equals 8 kanals (one kanal is 20 marlas).

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

Question 30 Agronomy

Which gas do green plants absorb from the air for photosynthesis?

ogen

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

Why this answer? Plants take in carbon dioxide and release oxygen during photosynthesis.

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

Question 31 Agronomy

The green pigment that traps sunlight in leaves is called what?

- A. Melanin
- B. Carotene
- C. Xanthophyll
- D. Chlorophyll ✓ **Predicted answer**

Why this answer? Chlorophyll in the chloroplasts absorbs sunlight for photosynthesis.

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

Question 32 Agronomy

Loss of water vapour from plant leaves is called what?

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

Why this answer? Transpiration is the loss of water vapour from leaves through the

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

Question 33 Agronomy

Which of these is a primary macronutrient for plants?

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

Why this answer? Nitrogen, phosphorus and potassium are the primary macronutrients; zinc, boron and iron are micronutrients.

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

Question 34 Agronomy

Yellowing of the older leaves of a plant is a common symptom of deficiency of which nutrient?

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

Why this answer? Nitrogen is mobile in the plant, so its deficiency shows first as yellowing of older leaves.

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

35 Agronomy

Sugarcane is propagated vegetatively by what?

- A. Root cutting
- B. True seed
- C. Leaf cutting
- D. Sett (stem cutting) ✓ **Predicted answer**

Why this answer? Sugarcane is planted with setts, pieces of stem carrying buds.

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

Question 36 Agronomy

Potato is propagated by which plant part?

- A. Bulb
- B. Stem cutting
- C. Tuber ✓ **Predicted answer**
- D. Seed

Why this answer? Potato is grown from seed tubers, which are underground stems.

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

Question 37 Agronomy

Which stage is the most critical for irrigation in wheat?

- A. Flowering
- B. Maturity
- C. Tillering
- D. Crown root initiation ✓ **Predicted answer**

swer? Crown root initiation, about 20-25 days after sowing, is the most critical stage for watering wheat.

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

Question 38 Agronomy

What is land left uncropped for a season to restore its fertility called?

- A. Fallow land ✓ **Predicted answer**
- B. Barren land
- C. Marsh land
- D. Waste land

Why this answer? Fallow land is left uncropped so that it can recover its fertility.

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

Question 39 Entomology

Controlling insect pests with their predators is known as which type of control?

- A. Physical
- B. Biological ✓ **Predicted answer**
- C. Chemical
- D. None of these

Why this answer? Using predators (natural enemies) to control pests is biological control.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q37 (verified item - correct answer: Biological).

40 Entomology

What are insects called that are active during the night?

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

Why this answer? Nocturnal insects are active during the night.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q39 (verified item - correct answer: Nocturnal).

Question 41 Entomology

In which kind of region is gram blight most commonly found?

- A. Cooler regions
- B. Dry regions
- C. Humid regions ✓ **Predicted answer**
- D. Hot regions

Why this answer? Gram blight is favoured by cool and humid weather with leaf wetness, so the key takes the humidity condition.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q41 (verified item - correct answer: Humid regions).

Question 42 Entomology

What management step is listed first for controlling mango anthracnose?

- A. Pruning ✓ **Predicted answer**
- B. Uprooting plant
- C. Spray

ne of these

Why this answer? Pruning out dead and diseased twigs and burning them is listed first in mango anthracnose management.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q43 (verified item - correct answer: Pruning).

Question 43 Entomology

Abnormal proliferation of stem tissue after an external stimulus is known as what?

- A. Malformation
- B. Gall formation ✓ **Predicted answer**
- C. Both a and b
- D. None of these

Why this answer? Abnormal proliferation of stem tissue from an external stimulus is a gall formation.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q45 (verified item - correct answer: Gall formation).

Question 44 Entomology

Bacteria that feed on dead organic matter are known as what?

- A. Omnivores
- B. Herbivores
- C. Saprophytes ✓ **Predicted answer**
- D. None of these

Why this answer? Saprophytes obtain food from dead organic matter.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q47 (verified item - correct answer: Saprophytes).

45 Entomology

Which insect is a well-known pollinator and produces honey?

- A. Housefly
- B. Mosquito
- C. Honeybee ✓ **Predicted answer**
- D. Termite

Why this answer? The honeybee pollinates flowers and produces honey, making it a beneficial insect.

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

Question 46 Entomology

The ladybird beetle is useful to farmers because it eats which pest?

- A. Aphids ✓ **Predicted answer**
- B. Rats
- C. Locusts
- D. Weeds

Why this answer? Ladybird beetles are predators of aphids and are used in biological control.

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

Question 47 Entomology

What does IPM stand for in pest management?

- A. Intensive Pest Method
- B. International Pest Management

grated Pest Management ✓ **Predicted answer**

- D. Integrated Plant Method

Why this answer? IPM is Integrated Pest Management, combining cultural, biological and chemical control.

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

Question 48 Entomology

A chemical used to kill fungi is called what?

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

Why this answer? A fungicide controls fungal diseases; insecticides kill insects and herbicides kill weeds.

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

Question 49 Entomology

Whitefly is a serious pest of cotton because it also transmits which disease?

- A. Cotton leaf curl virus ✓ **Predicted answer**
- B. Smut
- C. Rust
- D. Bacterial blight

Why this answer? Whitefly transmits the cotton leaf curl virus, a major cotton disease.

Why predicted [C] — Syllabus anchor: syllabus anchor - Entomology: cotton pests and

Question 50 Entomology

Which pest attacks the bolls of cotton?

- A. Aphid
- B. Whitefly
- C. Jassid
- D. Bollworm ✓ **Predicted answer**

Why this answer? Bollworms bore into cotton bolls and damage the lint.

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

Question 51 Horticulture

Removing the inflorescence of a plant along with some terminal leaves is called what?

- A. Topping ✓ **Predicted answer**
- B. Heading back
- C. Suckering
- D. None of these

Why this answer? Topping is the removal of the terminal bud or inflorescence, with some terminal leaves, of a plant.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q49 (verified item - correct answer: Topping).

Question 52 Horticulture

In Punjab, in which months does mango panicle initiation mainly start?

- A. June

tember

- C. Jan-Feb
- D. March-April ✓ **Predicted answer**

Why this answer? In Punjab mango panicles emerge and flowering runs from late February into March-April, so March-April is the keyed window.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q51 (verified item - correct answer: March-April).

Question 53 Horticulture

What are plants called that store water in thick, fleshy stems and leaves?

- A. Vine
- B. Liana
- C. Succulent ✓ **Predicted answer**
- D. None of these

Why this answer? Succulents have thick, fleshy water-storing stems and leaves.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q53 (verified item - correct answer: Succulent).

Question 54 Horticulture

Which fruit is known as the king of fruits in Pakistan?

- A. Banana
- B. Apple
- C. Mango ✓ **Predicted answer**
- D. Guava

Why this answer? Mango is called the king of fruits and is Pakistan's leading fruit crop.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: fruit crops of

ur in every sitting of this post.

Question 55 Horticulture

Which city of Punjab is famous for kinnow (citrus)?

- A. Rawalpindi
- B. Multan
- C. Lahore
- D. Sargodha ✓ **Predicted answer**

Why this answer? Sargodha is famous for its kinnow orchards and citrus production.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: fruit growing regions of Punjab recur in every sitting of this post.

Question 56 Horticulture

Grafting is a method of plant propagation in which what is joined to a rootstock?

- A. Scion ✓ **Predicted answer**
- B. Seed
- C. Leaf
- D. Flower

Why this answer? In grafting a scion (shoot piece) is joined to a rootstock.

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

Question 57 Horticulture

Which vegetable is botanically a fruit but used as a vegetable?

- A. Onion
- B. Potato

- D. Tomato ✓ **Predicted answer**

Why this answer? Tomato is botanically a fruit (it develops from the flower) but is used as a vegetable.

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

Question 58 Horticulture

Potato is botanically which part of the plant?

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

Why this answer? Potato is a stem tuber, an underground stem that stores food.

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

Question 59 Horticulture

Banana is propagated by which plant part?

- A. Cutting
- B. Seed
- C. Sucker ✓ **Predicted answer**
- D. Bulb

Why this answer? Banana is propagated vegetatively by suckers arising from the rhizome.

Why predicted [C] — Syllabus anchor: syllabus anchor - Horticulture: horticultural

recur in every sitting of this post.

Question 60 Plant Breeding

Selection based on the phenotypic superiority of individual plants is called what?

- A. Pure line selection
- B. Mass selection ✓ **Predicted answer**
- C. Both a and b
- D. None of these

Why this answer? Mass selection is selection on the basis of phenotypic superiority of individual plants.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q55 (verified item - correct answer: Mass selection).

Question 61 Agro-Forestry

Which animal eats the seed of the siris tree (Albizia lebbeck)?

- A. Gulheri ✓ **Predicted answer**
- B. Porcupine
- C. Rabbit
- D. None of these

Why this answer? The seed of siris (Albizia lebbeck) is eaten by the gulheri (squirrel).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q57 (verified item - correct answer: Gulheri).

Question 62 Agricultural Extension

Which sequence correctly describes how a farm manager manages a farm?

- A. Control, lead, planning

- C. Lead, planning, control
- D. None of these

Why this answer? A farm manager manages by planning, organisation, leading and control.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q59 (verified item - correct answer: Planning, organization, Lead, control).

Question 63 Agri-Economics

In which market can the money of one nation be used to buy the money of another?

- A. Money market
- B. International market
- C. Foreign exchange market ✓ **Predicted answer**
- D. All of these

Why this answer? The foreign exchange market is where one nation's money buys another's.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q61 (verified item - correct answer: Foreign exchange market).

Question 64 Agri-Economics

When a nation's exports of goods exceed its imports, what is the difference called?

- A. Trade surplus ✓ **Predicted answer**
- B. Trade off
- C. Trade deficit
- D. None of these

Why this answer? Exports exceeding imports is a trade surplus.

ed [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q63 (verified item - correct answer: Trade surplus).

Question 65 Agri-Economics

Other things equal, what happens to price when the supply of a commodity falls?

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

Why this answer? When supply falls, other things equal, the price rises.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q65 (verified item - correct answer: Increases).

Question 66 Agri-Economics

Which river system provides the main irrigation water for Punjab's agriculture?

- A. Brahmaputra system
- B. Ganges system
- C. Nile system
- D. Indus river system ✓ **Predicted answer**

Why this answer? The Indus river system, with its canals, irrigates most of Punjab's farmland.

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

Question 67 Agri-Economics

Tarbela Dam is built on which river?

- B. Indus ✓ **Predicted answer**
- C. Jhelum
- D. Chenab

Why this answer? Tarbela Dam, one of the world's largest earth-filled dams, is on the Indus river.

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

Question 68 Agri-Economics

Mangla Dam is built on which river?

- A. Beas
- B. Jhelum ✓ **Predicted answer**
- C. Chenab
- D. Indus

Why this answer? Mangla Dam is built on the Jhelum river in Azad Kashmir.

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

Question 69 Food Science

Deficiency of which vitamin causes night blindness and skin keratinisation?

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

Why this answer? Vitamin A deficiency causes night blindness and skin keratinisation.

ed [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q67 (verified item - correct answer: A).

Question 70 Food Science

Chemically, enzymes are primarily what in nature?

- A. Lipids
- B. Vitamins
- C. Carbohydrates
- D. Protein ✓ **Predicted answer**

Why this answer? Enzymes are proteins by nature.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q69 (verified item - correct answer: Protein).

Question 71 Food Science

Soy sauce is a fermented product of which crop?

- A. Barely
- B. Soybean ✓ **Predicted answer**
- C. Wheat
- D. Oat

Why this answer? Soy sauce is the fermented product of soybean.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q71 (verified item - correct answer: Soybean).

Question 72 Food Science

Which bacteria convert milk sugar (lactose) into lactic acid in the dairy industry?

- A. Streptococcus

- C. Both a and b ✓ **Predicted answer**
- D. Lactobacillus

Why this answer? Both Streptococcus and Lactobacillus convert milk sugar (lactose) into lactic acid.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q73 (verified item - correct answer: Both a and b).

Question 73 Food Science

Pasteurisation of milk is done mainly to do what?

- A. Add flavour
- B. Increase fat
- C. Change colour
- D. Kill harmful microbes ✓ **Predicted answer**

Why this answer? Pasteurisation heats milk briefly to kill harmful microbes and make it safe.

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

Question 74 Food Science

Butter is made from which part of milk?

- A. Milk water
- B. Milk protein
- C. Milk fat (cream) ✓ **Predicted answer**
- D. Milk sugar

Why this answer? Butter is made by churning cream, the fat portion of milk.

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

Question 75 Food Science

Yoghurt (dahi) is made from milk by which process?

- A. Drying
- B. Freezing
- C. Smoking
- D. Fermentation ✓ **Predicted answer**

Why this answer? Yoghurt is made by fermenting milk with lactic acid bacteria.

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

Question 76 Food Science

Pulses such as gram, lentil and mung are rich in which nutrient?

- A. Protein ✓ **Predicted answer**
- B. Carbohydrate
- C. Vitamin C
- D. Fat

Why this answer? Pulses are a cheap, rich source of plant protein.

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

Question 77 Animal Sciences

Swelling of the udder in a cow is a common symptom of which disease?

- A. Mastitis ✓ **Predicted answer**

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

Why this answer? Swelling of the udder in cows is the common symptom of mastitis.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q75 (verified item - correct answer: Mastitis).

Question 78 General Knowledge

The Green Revolution chiefly improved the production of which two crops?

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

Why this answer? The Green Revolution raised the production of rice and wheat through high-yielding varieties.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q77 (verified item - correct answer: Rice and Wheat).

Question 79 General Knowledge

Which eminent philosopher and jurist belonged to the 14th century?

- A. Prince Akbar
- B. Ibn e Batota
- C. Ibn e Khuldon ✓ **Predicted answer**
- D. None of these

Why this answer? Ibn Khaldun (1332-1406) was the eminent philosopher and jurist of the 14th century.

ed [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q95 (verified item - correct answer: Ibn e Khuldon).

Question 80 General Knowledge

The Treaty of Versailles (1919) ended which war?

- A. World War II
- B. French dispute
- C. World War 1 ✓ **Predicted answer**
- D. None of these

Why this answer? The Treaty of Versailles (1919) ended World War I.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q99 (verified item - correct answer: World War 1).

Question 81 General Knowledge

On which date did Pakistan come into being?

- A. 23 March 1940
- B. 14 August 1947 ✓ **Predicted answer**
- C. 14 August 1948
- D. 23 March 1956

Why this answer? Pakistan came into being on 14 August 1947.

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

Question 82 General Knowledge

Which is the national flower of Pakistan?

- A. Sunflower

- C. Rose
- D. Jasmine ✓ **Predicted answer**

Why this answer? Jasmine is the national flower 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

Which animal is the national animal of Pakistan?

- A. Markhor ✓ **Predicted answer**
- B. Tiger
- C. Deer
- D. Lion

Why this answer? The markhor, a wild goat, is the national animal of Pakistan.

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

Question 84 General Knowledge

Which city is the capital of Punjab province?

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

Why this answer? Lahore is the capital of Punjab province.

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

85 Science

How many oxygen atoms make up one molecule of ozone (O3)?

- A. 3 ✓ **Predicted answer**
- B. 2
- C. 4
- D. 1

Why this answer? Ozone consists of three oxygen atoms (O3).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q79 (verified item - correct answer: 3).

Question 86 Science

Which cells in the human body are replaced most rapidly?

- A. Red blood cell
- B. Skin cell
- C. Gut cell ✓ **Predicted answer**
- D. All of these

Why this answer? Gut (intestinal epithelial) cells renew in about 3-5 days, faster than skin or red blood cells.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q83 (verified item - correct answer: Gut cell).

Question 87 Science

What is the chemical formula of common salt?

- A. CaCO3
- B. HCl
- C. KCl

Why this answer? Common salt is sodium chloride, NaCl.

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

Question 88 Science

At what temperature does pure water boil at sea level?

- A. 90 C
- B. 110 C
- C. 100 C ✓ **Predicted answer**
- D. 95 C

Why this answer? Pure water boils at 100 degrees Celsius at sea level.

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

Question 89 Current Affairs

On which date is World Population Day celebrated each year?

- A. 11 March
- B. 11 Sept
- C. 11 July ✓ **Predicted answer**
- D. 11 May

Why this answer? World Population Day is celebrated on 11 July.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q81 (verified item - correct answer: 11 July).

90 Current Affairs

How many Sustainable Development Goals did the United Nations set?

- A. 19
- B. 10
- C. 17 ✓ **Predicted answer**
- D. 14

Why this answer? The United Nations set 17 Sustainable Development Goals.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q89 (verified item - correct answer: 17).

Question 91 Islamiat

Who travelled with the Holy Prophet (PBUH) as Hazrat Khadija's (RA) slave on the second trading journey to Syria?

- A. Zaid bin Sabit
- B. Maisra ✓ **Predicted answer**
- C. Abdul Rehman
- D. None of these

Why this answer? Maisra (Maysarah) was Hazrat Khadija's (RA) slave who accompanied the Holy Prophet (PBUH) on his second trading journey to Syria.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q85 (verified item - correct answer: Maisra).

Question 92 Islamiat

How many pillars of Islam are there?

- A. Four
- B. Five ✓ **Predicted answer**

- D. Six

Why this answer? There are five pillars of Islam: Shahadah, prayer, Zakat, fasting and Hajj.

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

Question 93 Islamiat

Zakat is payable at what rate on cash wealth held for a year?

- A. 10%
- B. 1.5%
- C. 5%
- D. 2.5% ✓ **Predicted answer**

Why this answer? Zakat is 2.5% of cash wealth held for a full lunar year above the nisab.

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

Question 94 English

In grammar, the word 'gerund' is what?

- A. Verbal noun ✓ **Predicted answer**
- B. pronoun
- C. a word with many meaning
- D. None of these

Why this answer? A gerund is a verbal noun (a verb form ending in -ing used as a noun).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q87 (verified item - correct answer: Verbal noun).

95 English

What is the synonym of the word 'happy'?

- A. Angry
- B. Tired
- C. Sad
- D. Joyful ✓ **Predicted answer**

Why this answer? 'Joyful' means the same as 'happy'.

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

Question 96 English

What is the past tense of the verb 'go'?

- A. Gone to
- B. Going
- C. Goed
- D. Went ✓ **Predicted answer**

Why this answer? The past tense of 'go' is 'went'.

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

Question 97 Computer

Which of the following is NOT a computer server protocol?

- A. DHCP
- B. DNS
- C. HTTP
- D. None of these ✓ **Predicted answer**

Why this answer? HTTP, DHCP and DNS are all computer server protocols, so none of them is 'not a computer server protocol'.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q91 (verified item - correct answer: None of these).

Question 98 Computer

What does CPU stand for?

- A. Computer Personal Unit
- B. Central Processing Unit ✓ **Predicted answer**
- C. Central Program Utility
- D. Computer Processing Utility

Why this answer? CPU stands for Central Processing Unit, the brain of the computer.

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

Question 99 Pakistan Studies

Razia Sultana was the daughter of which Sultan?

- A. Akbar
- B. Qutb al-Din Aibak
- C. Iltutmish ✓ **Predicted answer**
- D. None of these

Why this answer? Razia Sultana was the daughter of Sultan Iltutmish.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q97 (verified item - correct answer: Iltutmish).

In the Persian proverb 'Yak na shud, do shud', what number does 'do' stand for?

- A. Zero
- B. Two ✓ **Predicted answer**
- C. One
- D. None of these

Why this answer? The Persian proverb is 'yak na shud, do shud' - 'do' means two.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2020-AGRICULTURE-OFFICER-BS17 Q93 (verified item - correct answer: Two).

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