PPSC Assistant Executive Engineer / Sub Divisional Officer / Assistant Design Engineer / Assistant Design Officer / Assistant Director Flood Monitoring / Assistant Director | BS-17 — GUESS PAPER 2026 (Set 2 of 2) · Predicted Questions

Body: Punjab Public Service Commission (PPSC) · **Post:** Assistant Executive Engineer / Sub Divisional Officer / Assistant Design Engineer / Assistant Design Officer / Assistant Director Flood Monitoring / Assistant Director | BS-17 · **Set:** 2 of 2 · **Questions:** 100 predicted — 0 repeated questions, 19 verified facts predicted to recur, 81 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 Assistant Executive Engineer / Sub Divisional Officer / Assistant Design Engineer / Assistant Design Officer / Assistant Director Flood Monitoring / Assistant Director | 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. 81 of the 100 questions below are syllabus anchors on this post's recurring topics, because the verified archive for this post holds only 20 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

> ot only the four options. Do not quote any item as "asked in the 2026 exam" — nothing here has been asked yet.

Question 1 General Knowledge

Pakistan's Tarbela Dam began filling in which year?

- A. 1968
- B. 1976 ✓ **Predicted answer**
- C. 1965
- D. 1982

Why this answer? Construction of Tarbela Dam was completed in 1976, when the dam began filling.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q5 (verified item — correct answer: 1976).

Question 2 General Knowledge

In which city of Khyber Pakhtunkhwa is Hazara University situated?

- A. Abbottabad
- B. Peshawar
- C. Swat
- D. Mansehra ✓ **Predicted answer**

Why this answer? Hazara University is a public university in Mansehra, Khyber Pakhtunkhwa.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q1 (verified item — correct answer: Mansehra).

3 General Knowledge

Whitcomb Judson's "clasp locker" was demonstrated at the Chicago World's Fair in which year?

- A. 1851
- B. 1905
- C. 1893 ✓ **Predicted answer**
- D. 1923

Why this answer? Whitcomb Judson showed the first functional zipper, the "clasp locker", at the 1893 Chicago World's Fair.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q2 (verified item — correct answer: 1893).

Question 4 General Knowledge

Indra Nooyi, who led PepsiCo as chief executive from 2006 to 2018, was born in Chennai in which country?

- A. India ✓ **Predicted answer**
- B. US
- C. Sri Lanka
- D. Bangladesh

Why this answer? Indra Nooyi was born in Chennai, India, and led PepsiCo as CEO from 2006 to 2018.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q3 (verified item — correct answer: India).

Question 5 General Knowledge

Who won the 1992 Cricket World Cup final at Melbourne?

- B. Pakistan ✓ **Predicted answer**
- C. Australia
- D. India

Why this answer? Pakistan beat England in the final at Melbourne on 25 March 1992, winning its first World Cup.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q4 (verified item — correct answer: Pakistan).

Question 6 General Knowledge

Which is the largest ocean on Earth?

- A. Atlantic Ocean
- B. Indian Ocean
- C. Pacific Ocean ✓ **Predicted answer**
- D. Arctic Ocean

Why this answer? The Pacific Ocean is the largest and deepest ocean on Earth.

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

Question 7 General Knowledge

The Great Wall is located in which country?

- A. China ✓ **Predicted answer**
- B. India
- C. Japan
- D. Egypt

Why this answer? The Great Wall, built to protect China's northern borders, is in China.

ed [C] — Syllabus anchor: syllabus anchor — General Knowledge: world landmarks recur in every sitting of this post.

Question 8 General Knowledge

Which metal is liquid at room temperature?

- A. Iron
- B. Copper
- C. Aluminium
- D. Mercury ✓ **Predicted answer**

Why this answer? Mercury is the only metal that is liquid at room temperature.

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

Question 9 General Knowledge

How many days are there in a leap year?

- A. 366 ✓ **Predicted answer**
- B. 365
- C. 364
- D. 360

Why this answer? A leap year has 366 days, with an extra day in February.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: the calendar recurs in every sitting of this post.

Question 10 General Knowledge

Which organ helps humans breathe?

- A. Heart

gs ✓ **Predicted answer**

- C. Liver
- D. Kidney

Why this answer? The lungs take in oxygen from the air and release carbon dioxide.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: the human body recurs in every sitting of this post.

Question 11 General Knowledge

The currency of Japan is the:

- A. Dollar
- B. Euro
- C. Pound
- D. Yen ✓ **Predicted answer**

Why this answer? The yen is the official currency of Japan.

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

Question 12 General Knowledge

Who painted the Mona Lisa?

- A. Leonardo da Vinci ✓ **Predicted answer**
- B. Pablo Picasso
- C. Vincent van Gogh
- D. Michelangelo

Why this answer? The Mona Lisa was painted by the Italian artist Leonardo da Vinci.

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

13 General Knowledge

Which is the smallest continent in the world?

- A. Asia
- B. Africa
- C. Europe
- D. Australia ✓ **Predicted answer**

Why this answer? Australia is the smallest continent, and also a country.

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

Question 14 General Knowledge

What is the capital of France?

- A. London
- B. Berlin
- C. Paris ✓ **Predicted answer**
- D. Madrid

Why this answer? Paris is the capital of France.

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

Question 15 General Knowledge

Which animal is known as the King of the Jungle?

- A. Tiger
- B. Lion ✓ **Predicted answer**
- C. Elephant
- D. Leopard

swer? The lion is known as the King of the Jungle.

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

Question 16 Current Affairs

The protests that began across several Arab countries in late 2010 are best known by what name?

- A. Arab Spring ✓ **Predicted answer**
- B. Arab Uprising
- C. Arab Revolution
- D. Islamic Awakening

Why this answer? The Arab Spring is the standard name for the anti-government protests that spread across the Middle East and North Africa from late 2010.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q6 (verified item — correct answer: Arab Spring).

Question 17 Current Affairs

The headquarters of the World Bank are in which city?

- A. London
- B. Paris
- C. Geneva
- D. Washington ✓ **Predicted answer**

Why this answer? The World Bank has its headquarters in Washington, D.C., USA.

Why predicted [C] — Syllabus anchor: syllabus anchor — Current Affairs: international organisations recur in every sitting of this post.

18 Current Affairs

Which country won the most medals in total at the Paris 2024 Olympic Games?

- A. China
- B. Japan
- C. United States ✓ **Predicted answer**
- D. France

Why this answer? The United States won the most medals in total at the Paris 2024 Olympics, 126 medals.

Why predicted [C] — Syllabus anchor: syllabus anchor — Current Affairs: major world events recur in every sitting of this post.

Question 19 Pakistan Studies

The Balochistan States Union absorbed Makran and Kharan in which year?

- A. 1947
- B. 1948
- C. 1957
- D. 1952 ✓ **Predicted answer**

Why this answer? Makran and Kharan formally merged into the Balochistan States Union in 1952, on the way to becoming part of the province.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q7 (verified item — correct answer: 1952).

Question 20 Pakistan Studies

Dyarchy divided provincial subjects into "reserved" and "transferred" as a step towards what?

- A. Provincial autonomy ✓ **Predicted answer**

- C. Martial law
- D. Religious division

Why this answer? The Government of India Act 1919 introduced Dyarchy, dividing provincial subjects into "reserved" and "transferred" as a step towards provincial autonomy.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q8 (verified item — correct answer: Provincial autonomy).

Question 21 Pakistan Studies

What is the national flower of Pakistan?

- A. Rose
- B. Jasmine ✓ **Predicted answer**
- C. Tulip
- D. Sunflower

Why this answer? Jasmine is the national flower of Pakistan.

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

Question 22 Pakistan Studies

Who was the first Governor-General of Pakistan?

- A. Liaquat Ali Khan
- B. Ayub Khan
- C. Muhammad Ali Jinnah ✓ **Predicted answer**
- D. Iskander Mirza

Why this answer? Muhammad Ali Jinnah was the first Governor-General of Pakistan.

ed [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: founders and first office-holders recur in every sitting of this post.

Question 23 Pakistan Studies

In which year did Pakistan conduct its nuclear tests at Chagai?

- A. 1996
- B. 1998 ✓ **Predicted answer**
- C. 1999
- D. 2000

Why this answer? Pakistan conducted its nuclear tests at Chagai in May 1998.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: national history recurs in every sitting of this post.

Question 24 Pakistan Studies

The national poet of Pakistan is:

- A. Faiz Ahmed Faiz
- B. Ahmed Faraz
- C. Josh Malihabadi
- D. Allama Muhammad Iqbal ✓ **Predicted answer**

Why this answer? Allama Muhammad Iqbal is the national poet of Pakistan.

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

Question 25 Pakistan Studies

Which city is known as the City of Gardens in Pakistan?

- A. Lahore ✓ **Predicted answer**

- C. Islamabad
- D. Multan

Why this answer? Lahore is known as the City of Gardens for its many historic gardens.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: cities of Pakistan recur in every sitting of this post.

Question 26 Pakistan Studies

The first Constitution of Pakistan was adopted in:

- A. 1952
- B. 1954
- C. 1956 ✓ **Predicted answer**
- D. 1958

Why this answer? The first Constitution of Pakistan was adopted in 1956, when Pakistan became a republic.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: constitutional history recurs in every sitting of this post.

Question 27 Pakistan Studies

Which mountain is the highest peak in Pakistan?

- A. Nanga Parbat
- B. K2 ✓ **Predicted answer**
- C. Broad Peak
- D. Gasherbrum

Why this answer? K2, at 8,611 metres, is the highest peak in Pakistan and the second highest in the world.

ed [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: geography of Pakistan recurs in every sitting of this post.

Question 28 Pakistan Studies

The Durand Line forms the border between Pakistan and:

- A. India
- B. China
- C. Afghanistan ✓ **Predicted answer**
- D. Iran

Why this answer? The Durand Line is the border between Pakistan and Afghanistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: borders of Pakistan recur in every sitting of this post.

Question 29 Everyday Science

One nanometre is one billionth of a metre, written as:

- A. 10^{-6} meters
- B. 10^{-3} meters
- C. 10^{-12} meters
- D. 10^{-9} meters ✓ **Predicted answer**

Why this answer? One nanometre is one billionth of a metre (10^-9 m); 10^-6 m is a micrometre and 10^-12 m is a picometre.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q9 (verified item — correct answer: 10^{-9} meters).

Question 30 Everyday Science

Which vitamin works together with the trace element selenium as an antioxidant?

- B. A
- C. C
- D. D

Why this answer? Selenium works synergistically with vitamin E as an antioxidant, protecting cells from damage by free radicals.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q10 (verified item — correct answer: E).

Question 31 Everyday Science

When its core hydrogen runs out, a low-mass star swells, cools and starts burning helium into carbon as a:

- A. Supernova
- B. Red giant ✓ **Predicted answer**
- C. White dwarf
- D. Neutron star

Why this answer? As a low-to-medium mass star exhausts its core hydrogen, it expands and cools into a red giant, and helium fusion into carbon begins in its core.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q11 (verified item — correct answer: Red giant).

Question 32 Everyday Science

Which acid is present in vinegar?

- A. Citric acid
- B. Tartaric acid
- C. Acetic acid ✓ **Predicted answer**
- D. Sulphuric acid

swer? Vinegar is a dilute solution of acetic acid in water.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: common chemicals recur in every sitting of this post.

Question 33 Everyday Science

The powerhouse of the cell is the:

- A. Mitochondria ✓ **Predicted answer**
- B. Nucleus
- C. Ribosome
- D. Cytoplasm

Why this answer? The mitochondria produce most of the cell's energy and are called the powerhouse of the cell.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: cell biology recurs in every sitting of this post.

Question 34 Everyday Science

Which planet is closest to the Sun?

- A. Venus
- B. Mercury ✓ **Predicted answer**
- C. Earth
- D. Mars

Why this answer? Mercury is the planet closest to the Sun.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: the solar system recurs in every sitting of this post.

35 Everyday Science

What is the chemical symbol of water?

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

Why this answer? Water is made of two hydrogen atoms and one oxygen atom, H2O.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: common chemicals recur in every sitting of this post.

Question 36 Everyday Science

How many bones are there in the adult human body?

- A. 196
- B. 206 ✓ **Predicted answer**
- C. 216
- D. 226

Why this answer? The adult human skeleton has 206 bones.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: the human body recurs in every sitting of this post.

Question 37 Everyday Science

Which instrument is used to measure temperature?

- A. Barometer
- B. Ammeter
- C. Voltmeter
- D. Thermometer ✓ **Predicted answer**

swer? A thermometer measures temperature.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: measuring instruments recur in every sitting of this post.

Question 38 Everyday Science

The speed of light in vacuum is about:

- A. 3 x 10^6 metres per second
- B. 3 x 10^7 metres per second
- C. 3 x 10^8 metres per second ✓ **Predicted answer**
- D. 3 x 10^9 metres per second

Why this answer? Light travels in vacuum at about 300,000 kilometres per second, or 3 x 10^8 metres per second.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: physics constants recur in every sitting of this post.

Question 39 Computer Science

Circuitry in first-generation computers (1940s-1950s) used what?

- A. Vacuum Tubes ✓ **Predicted answer**
- B. Transistors
- C. Microprocessors
- D. Integrated Circuits

Why this answer? First-generation computers (1940s-1950s) used vacuum tubes for circuitry and magnetic drums for memory.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q12 (verified item — correct answer: Vacuum Tubes).

40 Computer Science

Of RAM, cache memory, hard disk and registers, which has the shortest access time?

- A. RAM
- B. Register ✓ **Predicted answer**
- C. Cache memory
- D. Hard Disk

Why this answer? CPU registers sit inside the processor itself, so they have the shortest access time of all.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q13 (verified item — correct answer: Register).

Question 41 Computer Science

Which of these is a web browser?

- A. MS Word
- B. Excel
- C. Google Chrome ✓ **Predicted answer**
- D. PowerPoint

Why this answer? Google Chrome is a web browser; Word, Excel and PowerPoint are office programs.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: software types recur in every sitting of this post.

Question 42 Computer Science

What is the full form of RAM?

- A. Read Access Memory
- B. Random Access Machine

- D. Random Access Memory ✓ **Predicted answer**

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

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

Question 43 Computer Science

Which device prints documents on paper?

- A. Printer ✓ **Predicted answer**
- B. Scanner
- C. Monitor
- D. Keyboard

Why this answer? A printer produces hard copies of documents on paper.

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

Question 44 Computer Science

Which of these is an input device?

- A. Monitor
- B. Mouse ✓ **Predicted answer**
- C. Speaker
- D. Printer

Why this answer? A mouse is an input device used to point and click; the monitor, speaker and printer are output devices.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: computer

cur in every sitting of this post.

Question 45 Computer Science

One kilobyte equals how many bytes?

- A. 100
- B. 512
- C. 1024 ✓ **Predicted answer**
- D. 2048

Why this answer? One kilobyte equals 1024 bytes.

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

Question 46 Computer Science

Which shortcut key is used to copy selected text?

- A. Ctrl+X
- B. Ctrl+V
- C. Ctrl+Z
- D. Ctrl+C ✓ **Predicted answer**

Why this answer? Ctrl+C copies selected text; Ctrl+X cuts it and Ctrl+V pastes it.

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

Question 47 Mathematics

The series 1, 1, 8, 4, 27, 9, ?, ? continues with which first missing term?

- A. 36
- B. 81

- D. 64 ✓ **Predicted answer**

Why this answer? The odd positions are cubes (1, 8, 27, then 64 = 4 cubed) and the even positions are squares (1, 4, 9, then 16 = 4 squared); the first missing term is 64.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q14 (verified item — correct answer: 64).

Question 48 Mathematics

What is 25 percent of 400?

- A. 80
- B. 100 ✓ **Predicted answer**
- C. 120
- D. 150

Why this answer? 25 percent of 400 is 25/100 x 400 = 100.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: percentages recur in every sitting of this post.

Question 49 Mathematics

What is 9 squared?

- A. 81 ✓ **Predicted answer**
- B. 72
- C. 90
- D. 99

Why this answer? 9 x 9 = 81, so 9 squared is 81.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: squares recur in every sitting of this post.

50 Mathematics

If 2x = 18, what is x?

- A. 6
- B. 8
- C. 9 ✓ **Predicted answer**
- D. 12

Why this answer? Dividing both sides by 2 gives x = 18 / 2 = 9.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: simple equations recur in every sitting of this post.

Question 51 English

Convert to indirect speech: He told her, "I want to meet your father".

- A. He told her that I want to meet your father.
- B. He told her that he wanted to meet your father.
- C. He told her that she wanted to meet her father.
- D. He told her that he wanted to meet her father. ✓ **Predicted answer**

Why this answer? In indirect speech "I" becomes "he", "want" becomes "wanted", and "your" becomes "her" (the object is "her").

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q15 (verified item — correct answer: He told her that he wanted to meet her father.).

Question 52 English

Pick the passive voice of "Sajid gave the beggar an old shirt".

- A. An old shirt was given to the beggar by Sajid. ✓ **Predicted answer**
- B. An old shirt was given to Sajid by the beggar.

beggar was gave an old shirt by Sajid.

- D. An old shirt was gave to the beggar by Sajid.

Why this answer? The object (an old shirt) becomes the subject, "gave" becomes "was given", and the giver (Sajid) follows "by".

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q16 (verified item — correct answer: An old shirt was given to the beggar by Sajid.).

Question 53 English

Choose the correct spelling of the word meaning "to receive".

- A. Recieve
- B. Receive ✓ **Predicted answer**
- C. Riceve
- D. Receave

Why this answer? "Receive" is the correct spelling; the rule is "i before e except after c".

Why predicted [C] — Syllabus anchor: syllabus anchor — English: spelling recurs in every sitting of this post.

Question 54 English

The opposite of "ancient" is:

- A. Modern ✓ **Predicted answer**
- B. Old
- C. Antique
- D. Historic

Why this answer? "Modern" means of the present time, the opposite of "ancient".

Why predicted [C] — Syllabus anchor: syllabus anchor — English: antonyms recur in

of this post.

Question 55 English

Which word means "a place where birds are kept"?

- A. Stable
- B. Kennel
- C. Aviary ✓ **Predicted answer**
- D. Aquarium

Why this answer? An aviary is a large enclosure where birds are kept.

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

Question 56 English

Choose the correct sentence.

- A. He don't like tea.
- B. They is coming.
- C. She go to school.
- D. She goes to school. ✓ **Predicted answer**

Why this answer? With the third-person singular subject "she", the verb takes "goes".

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

Question 57 English

The plural of "woman" is:

- A. Womans
- B. Women ✓ **Predicted answer**

- D. Womanses

Why this answer? The irregular plural of "woman" is "women".

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

Question 58 English

A word that describes a noun is called a/an:

- A. Verb
- B. Adverb
- C. Adjective ✓ **Predicted answer**
- D. Pronoun

Why this answer? An adjective describes or modifies a noun.

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

Question 59 English

Choose the synonym of "brave".

- A. Fearless ✓ **Predicted answer**
- B. Cowardly
- C. Weak
- D. Timid

Why this answer? "Fearless" means without fear, the same as "brave".

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

60 English

The past tense of "teach" is:

- A. Teached
- B. Teaching
- C. Teaches
- D. Taught ✓ **Predicted answer**

Why this answer? "Taught" is the past tense of "teach".

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

Question 61 Islamic Studies

Muslims fast in Ramadan, the _____ month of the Hijri year.

- A. 9th ✓ **Predicted answer**
- B. 7th
- C. 8th
- D. 12th

Why this answer? Ramadan is the ninth month of the Islamic lunar calendar, the month of fasting.

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q18 (verified item — correct answer: 9th).

Question 62 Islamic Studies

The first month of the Islamic calendar is:

- A. Ramadan
- B. Shawwal
- C. Dhul-Hijjah

harram ✓ **Predicted answer**

Why this answer? Muharram is the first month of the Islamic (Hijri) calendar.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamic Studies: the Islamic calendar recurs in every sitting of this post.

Question 63 Islamic Studies

How many times do Muslims pray daily?

- A. Three
- B. Four
- C. Five ✓ **Predicted answer**
- D. Six

Why this answer? Muslims offer five daily prayers: Fajr, Zuhr, Asr, Maghrib and Isha.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamic Studies: daily prayers recur in every sitting of this post.

Question 64 Islamic Studies

The Holy Quran was revealed to which Prophet?

- A. Hazrat Musa (AS)
- B. Hazrat Muhammad (PBUH) ✓ **Predicted answer**
- C. Hazrat Isa (AS)
- D. Hazrat Ibrahim (AS)

Why this answer? The Holy Quran was revealed to Hazrat Muhammad (PBUH).

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamic Studies: the Holy Quran recurs in every sitting of this post.

65 Urdu

مرزا غالب 1797 میں کس شہر میں پیدا ہوئے؟

Predicted answer ✓ A. آگرہ

B. لاہور

C. کلکتہ

D. دہلی

Why this answer? مرزا اسد اللہ خان غالب 1797 میں آگرہ میں پیدا ہوئے تھے۔

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q19 (verified item — correct answer: آگرہ).

Question 66 Urdu

محاورہ "یہ پانی ملتان بہہ گیا ہے" کا مرادی مطلب کیا ہے؟

A. پانی کا ضیاع ہو گیا ہے

B. پانی کی قلت ہے

C. پانی بہت دور بہہ گیا ہے

Predicted answer ✓ D. وقت یا موقع ضائع ہو گیا ہے

Why this answer? اس محاورے کا مطلب ہے کہ ہاتھ سے موقع نکل گیا یا وقت ضائع ہو گیا — پانی ملتان تک بہہ جانے کا مطلب ہے کہ اب وہ واپس نہیں آ سکتا۔

Why predicted [B] — Verified fact, predicted to recur: ppsc-assistant-executive-engineer-irrigation-2025 Q20 (verified item — correct answer: وقت یا موقع ضائع ہو گیا ہے).

Question 67 Urdu

لفظ "محبت" کا متضاد کیا ہے؟

Predicted answer ✓ B. نفرت

C. چاہت

D. مودت

Why this answer? لفظ "محبت" کا متضاد "نفرت" ہے۔

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: vocabulary recurs in every sitting of this post.

Question 68 Urdu

"آب حیات" کے مصنف کون ہیں؟

A. ڈپٹی نذیر احمد

B. الطاف حسین حالی

Predicted answer ✓ C. محمد حسین آزاد

D. شبلی نعمانی

Why this answer? "آب حیات" محمد حسین آزاد کی مشہور کتاب ہے۔

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: Urdu literature recurs in every sitting of this post.

Question 69 Urdu

اردو میں "شیر" کی مادہ کیا ہے؟

A. شیرن

Predicted answer ✓ B. شیرنی

C. شیرا

Why this answer? "شیر" کی مادہ "شیرنی" ہے۔

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: grammar recurs in every sitting of this post.

Question 70 Urdu

مرزا غالب کا اصل نام کیا تھا؟

A. مرزا اسد

B. غالب احمد

C. اسد اللہ بیگ

Predicted answer ✓ D. اسد اللہ خان

Why this answer? مرزا غالب کا اصل نام مرزا اسد اللہ خان تھا۔

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: famous poets recur in every sitting of this post.

Question 71 Civil Engineering And Irrigation

Which barrage on the Indus is located near Sukkur?

- A. Guddu Barrage
- B. Sukkur Barrage ✓ **Predicted answer**
- C. Kotri Barrage
- D. Taunsa Barrage

Why this answer? Sukkur Barrage is built across the Indus River near Sukkur in Sindh.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: barrages of Pakistan recur in every sitting of this post.

72 Civil Engineering And Irrigation

The Indus River rises in which region?

- A. Karakoram
- B. Hindu Kush
- C. Tibet ✓ **Predicted answer**
- D. Pamirs

Why this answer? The Indus rises in Tibet, near Lake Mansarovar, and flows through Ladakh and Gilgit-Baltistan into Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: rivers of Pakistan recur in every sitting of this post.

Question 73 Civil Engineering And Irrigation

How many main tributaries feed the Indus in Punjab?

- A. Three
- B. Four
- C. Six
- D. Five ✓ **Predicted answer**

Why this answer? The five rivers of Punjab — Jhelum, Chenab, Ravi, Beas and Sutlej — join the Indus.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: rivers of Pakistan recur in every sitting of this post.

Question 74 Civil Engineering And Irrigation

The Jinnah Barrage is built on which river?

- A. Indus River ✓ **Predicted answer**
- B. Jhelum River

nab River

- D. Ravi River

Why this answer? Jinnah Barrage is built across the Indus River near Kalabagh.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: barrages of Pakistan recur in every sitting of this post.

Question 75 Civil Engineering And Irrigation

Warsak Dam is built on which river?

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

Why this answer? Warsak Dam is built across the Kabul River in Khyber Pakhtunkhwa.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: dams of Pakistan recur in every sitting of this post.

Question 76 Civil Engineering And Irrigation

The process of water loss from plant leaves is called:

- A. Evaporation
- B. Infiltration
- C. Transpiration ✓ **Predicted answer**
- D. Condensation

Why this answer? Transpiration is the loss of water vapour from plant leaves into the air.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: hydrology recur in every sitting of this post.

77 Civil Engineering And Irrigation

Which unit is used to measure rainfall?

- A. Cusec
- B. Acre
- C. Litre
- D. Millimetre ✓ **Predicted answer**

Why this answer? Rainfall depth is measured in millimetres.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: hydrology recur in every sitting of this post.

Question 78 Civil Engineering And Irrigation

A contour line on a map joins points of:

- A. Equal elevation ✓ **Predicted answer**
- B. Equal rainfall
- C. Equal temperature
- D. Equal pressure

Why this answer? A contour line joins points of equal height above mean sea level.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: surveying recur in every sitting of this post.

Question 79 Civil Engineering And Irrigation

The main crop grown in the Rabi season in Punjab is:

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

swer: Wheat is the main Rabi (winter) crop of Punjab.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: irrigation and crops recur in every sitting of this post.

Question 80 Civil Engineering And Irrigation

Which test measures the compressive strength of concrete?

- A. Slump test
- B. Soundness test
- C. Cube test ✓ **Predicted answer**
- D. Fineness test

Why this answer? Concrete cubes are crushed in a testing machine to measure compressive strength.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: concrete technology recur in every sitting of this post.

Question 81 Civil Engineering And Irrigation

The safe bearing capacity of soil is determined mainly by its:

- A. Moisture only
- B. Colour
- C. Grain size only
- D. Shear strength ✓ **Predicted answer**

Why this answer? The bearing capacity of soil depends mainly on its shear strength.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: soil mechanics recur in every sitting of this post.

82 Civil Engineering And Irrigation

Which bridge type is supported by cables from towers?

- A. Suspension bridge ✓ **Predicted answer**
- B. Beam bridge
- C. Arch bridge
- D. Cantilever bridge

Why this answer? A suspension bridge hangs its deck from cables supported by towers.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: structures recur in every sitting of this post.

Question 83 Civil Engineering And Irrigation

In a cantilever beam, the maximum bending moment occurs at the:

- A. Free end
- B. Fixed end ✓ **Predicted answer**
- C. Centre
- D. Quarter point

Why this answer? In a cantilever, the bending moment is zero at the free end and maximum at the fixed end.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: structural mechanics recur in every sitting of this post.

Question 84 Civil Engineering And Irrigation

The angle of repose of soil depends mainly on its:

- A. Colour
- B. Moisture only
- C. Internal friction ✓ **Predicted answer**

Why this answer? The angle of repose of a soil depends mainly on the internal friction between its grains.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: soil mechanics recur in every sitting of this post.

Question 85 Civil Engineering And Irrigation

Which of these is a Kharif-season cash crop of Punjab?

- A. Wheat
- B. Gram
- C. Barley
- D. Cotton ✓ **Predicted answer**

Why this answer? Cotton is a Kharif-season cash crop of Punjab; wheat, gram and barley are Rabi crops.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: irrigation and crops recur in every sitting of this post.

Question 86 Civil Engineering And Irrigation

The datum used for levelling in Pakistan is:

- A. Mean sea level at Karachi ✓ **Predicted answer**
- B. Mean sea level at Lahore
- C. Mean sea level at Gwadar
- D. Mean sea level at Peshawar

Why this answer? Heights in Pakistan are measured from mean sea level at Karachi.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: surveying recur in every sitting of this post.

87 Civil Engineering And Irrigation

Which structure controls the flow of water into a canal?

- A. Aqueduct
- B. Head regulator ✓ **Predicted answer**
- C. Siphon
- D. Fall

Why this answer? A head regulator at the head of a canal controls the flow of water entering it.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: canal structures recur in every sitting of this post.

Question 88 Civil Engineering And Irrigation

The velocity of flow in an open channel is usually highest:

- A. At the bed
- B. At the banks
- C. Just below the surface ✓ **Predicted answer**
- D. At the corners

Why this answer? In an open channel, friction slows water at the bed and banks, so velocity is highest just below the surface at mid-channel.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: open channel flow recur in every sitting of this post.

Question 89 Civil Engineering And Irrigation

Which material is used as a binding agent in concrete?

- A. Sand
- B. Aggregate

- D. Cement ✓ **Predicted answer**

Why this answer? Cement is the binding agent that holds sand and aggregate together in concrete.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: concrete technology recur in every sitting of this post.

Question 90 Civil Engineering And Irrigation

The main function of a canal fall is to:

- A. Drop the water level ✓ **Predicted answer**
- B. Raise the water level
- C. Store water
- D. Measure discharge

Why this answer? A canal fall drops the water level where the ground slope is steeper than the canal slope.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: canal structures recur in every sitting of this post.

Question 91 Civil Engineering And Irrigation

A perennial canal carries water:

- A. Only in floods
- B. Throughout the year ✓ **Predicted answer**
- C. Only in winter
- D. Only in summer

Why this answer? A perennial canal, fed from a reservoir or barrage, carries water all year round.

ed [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: canals of Pakistan recur in every sitting of this post.

Question 92 Civil Engineering And Irrigation

The Indus River System Authority (IRSA) was established under which accord?

- A. Indus Waters Treaty
- B. Simla Agreement
- C. Water Apportionment Accord 1991 ✓ **Predicted answer**
- D. Lahore Declaration

Why this answer? IRSA was set up under the Water Apportionment Accord of 1991 to allocate Indus water among the provinces.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: water institutions recur in every sitting of this post.

Question 93 Civil Engineering And Irrigation

The Mangla Dam raising project was completed in which decade?

- A. 1960s
- B. 1970s
- C. 1990s
- D. 2000s ✓ **Predicted answer**

Why this answer? The raising of Mangla Dam was completed in 2009, in the 2000s.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: dams of Pakistan recur in every sitting of this post.

Question 94 Civil Engineering And Irrigation

The cross-section of a canal is usually:

- pezoidal ✓ **Predicted answer**
- B. Circular
- C. Rectangular
- D. Triangular

Why this answer? Irrigation canals are usually built with a trapezoidal cross-section.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: canal design recur in every sitting of this post.

Question 95 Civil Engineering And Irrigation

Which gauge measures the depth of water in a river?

- A. Rain gauge
- B. Staff gauge ✓ **Predicted answer**
- C. Pressure gauge
- D. Wire gauge

Why this answer? A staff gauge, fixed in a river, reads the depth of water directly.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: hydrology instruments recur in every sitting of this post.

Question 96 Civil Engineering And Irrigation

In fluid mechanics, viscosity is a measure of a fluid's:

- A. Density
- B. Pressure
- C. Resistance to flow ✓ **Predicted answer**
- D. Temperature

Why this answer? Viscosity is a fluid's internal resistance to flow.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation:

nics recur in every sitting of this post.

Question 97 Civil Engineering And Irrigation

The Chezy formula is used to calculate the velocity of flow in:

- A. Pipes only
- B. Pumps
- C. Turbines
- D. Open channels ✓ **Predicted answer**

Why this answer? The Chezy formula gives the mean velocity of flow in open channels.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: open channel flow recur in every sitting of this post.

Question 98 Civil Engineering And Irrigation

Which of these rivers flows through Lahore?

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

Why this answer? The Ravi River flows past Lahore.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: rivers of Pakistan recur in every sitting of this post.

Question 99 Civil Engineering And Irrigation

The apex regulator of water distribution among provinces in Pakistan is:

- A. WAPDA
- B. Punjab Irrigation Department

A ✓ **Predicted answer**

- D. Federal Flood Commission

Why this answer? The Indus River System Authority (IRSA) is the apex regulator of water distribution among the provinces.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: water institutions recur in every sitting of this post.

Question 100 Civil Engineering And Irrigation

Which instrument is used to measure horizontal angles in surveying?

- A. Theodolite ✓ **Predicted answer**
- B. Chain
- C. Plane table
- D. Compass

Why this answer? A theodolite measures horizontal and vertical angles in surveying.

Why predicted [C] — Syllabus anchor: syllabus anchor — Civil Engineering and Irrigation: surveying recur in every sitting of this post.

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