# 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 1 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:** 1 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 Do not quote any item as "asked in the 2026 exam"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

Which year saw the completion of Pakistan's Tarbela Dam, when it began filling?

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

**Why this answer?** Construction of Tarbela Dam was completed in 1976, when the dam began filling; construction had begun in 1968.

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

## Question 2 General Knowledge

Hazara University, a public university in Khyber Pakhtunkhwa, stands in which city?

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

**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

In which year did Whitcomb Judson first show a working zipper, the "clasp locker", at the Chicago World's Fair?

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

The former PepsiCo chief executive Indra Nooyi, born in Chennai, hails originally from which country?

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

**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

Which side lifted the Cricket World Cup after beating England in the Melbourne final on

- A. Pakistan ✓ **Predicted answer**
- B. England
- 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 desert in Asia?

- A. Gobi Desert ✓ **Predicted answer**
- B. Sahara Desert
- C. Arabian Desert
- D. Kalahari Desert

**Why this answer?** The Gobi Desert, spanning northern China and southern Mongolia, is the largest desert in Asia.

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

## Question 7 General Knowledge

What is the capital of Australia?

- A. Sydney
- B. Canberra ✓ **Predicted answer**
- C. Melbourne

**Why this answer?** Canberra is the capital of Australia; Sydney is its largest city but not the capital.

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

## Question 8 General Knowledge

Which planet is known as the Red Planet?

- A. Venus
- B. Jupiter
- C. Mars ✓ **Predicted answer**
- D. Saturn

**Why this answer?** Mars is called the Red Planet because of the iron oxide (rust) on its surface.

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

## Question 9 General Knowledge

Which is the longest river in the world?

- A. Amazon River
- B. Yangtze River
- C. Yellow River
- D. Nile River ✓ **Predicted answer**

**Why this answer?** The Nile, at about 6,650 km, is generally regarded as the longest river in the world.

**Why predicted [C] — Syllabus anchor:** syllabus anchor — General Knowledge: world

n every sitting of this post.

## Question 10 General Knowledge

Who wrote the play Romeo and Juliet?

- A. William Shakespeare ✓ **Predicted answer**
- B. Charles Dickens
- C. Jane Austen
- D. Mark Twain

**Why this answer?** Romeo and Juliet is one of William Shakespeare's most famous plays.

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

## Question 11 General Knowledge

What is the chemical symbol for gold?

- A. Fe
- B. Au ✓ **Predicted answer**
- C. Ag
- D. Pb

**Why this answer?** Au, from the Latin word aurum, is the chemical symbol for gold.

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

## Question 12 General Knowledge

How many continents are there on Earth?

- A. Five
- B. Six

- D. Eight

**Why this answer?** The seven continents are Asia, Africa, North America, South America, Antarctica, Europe and Australia.

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

## Question 13 General Knowledge

Which country is home to the kangaroo?

- A. India
- B. China
- C. Brazil
- D. Australia ✓ **Predicted answer**

**Why this answer?** The kangaroo is native to Australia and is one of its national symbols.

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

## Question 14 General Knowledge

Who was the first President of the United States?

- A. Abraham Lincoln
- B. George Washington ✓ **Predicted answer**
- C. Thomas Jefferson
- D. John Adams

**Why this answer?** George Washington served as the first President of the United States from 1789 to 1797.

**Why predicted [C] — Syllabus anchor:** syllabus anchor — General Knowledge: world

# Question 15 General Knowledge

Which gas do plants absorb from the atmosphere for photosynthesis?

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

**Why this answer?** Plants absorb carbon dioxide from the air and use it, with sunlight and water, to make food by photosynthesis.

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

# Question 16 Current Affairs

The wave of anti-government protests that swept the Middle East and North Africa from late 2010 is standardly known by which name?

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

**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).

## 17 Current Affairs

The headquarters of the United Nations are located in which city?

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

**Why this answer?** The United Nations has its headquarters in New York City, USA.

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

## Question 18 Current Affairs

Which country hosted the 2024 Summer Olympic Games?

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

**Why this answer?** The 2024 Summer Olympic Games were held in Paris, France.

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

## Question 19 Pakistan Studies

In which year did the princely states of Makran and Kharan formally join Balochistan?

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

**swer?** 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

The Government of India Act 1919 introduced Dyarchy, a step towards what?

- A. Centralization of power
- B. Martial law
- C. Religious division
- D. Provincial autonomy ✓ **Predicted answer**

**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 animal of Pakistan?

- A. Markhor ✓ **Predicted answer**
- B. Snow leopard
- C. Indus dolphin
- D. Chinkara

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

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Pakistan Studies: national

ur in every sitting of this post.

## Question 22 Pakistan Studies

Who was the first Prime Minister of Pakistan?

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

**Why this answer?** Liaquat Ali Khan became the first Prime Minister of Pakistan in 1947.

**Why predicted [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 was the Lahore Resolution passed?

- A. 1939
- B. 1938
- C. 1940 ✓ **Predicted answer**
- D. 1941

**Why this answer?** The Lahore Resolution, demanding separate states for Muslims, was passed on 23 March 1940.

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

## Question 24 Pakistan Studies

What is the national language of Pakistan?

- A. Urdu ✓ **Predicted answer**

- C. Sindhi
- D. English

**Why this answer?** Urdu is the national language 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 pass connects Pakistan with China?

- A. Khyber Pass
- B. Bolan Pass
- C. Khunjerab Pass ✓ **Predicted answer**
- D. Lowari Pass

**Why this answer?** The Khunjerab Pass, on the Karakoram Highway, connects Pakistan with China.

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

## Question 26 Pakistan Studies

Who composed the music of Pakistan's national anthem?

- A. Allama Iqbal
- B. Ahmed G. Chagla ✓ **Predicted answer**
- C. Hafeez Jalandhri
- D. Faiz Ahmed Faiz

**Why this answer?** Ahmed G. Chagla composed the music of Pakistan's national anthem; Hafeez Jalandhri wrote its lyrics.

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

## Question 27 Pakistan Studies

Which is the largest province of Pakistan by area?

- A. Sindh
- B. Punjab
- C. Balochistan ✓ **Predicted answer**
- D. Khyber Pakhtunkhwa

**Why this answer?** Balochistan is the largest province of Pakistan by area.

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

## Question 28 Pakistan Studies

In which year did Pakistan become a republic?

- A. 1947
- B. 1951
- C. 1952
- D. 1956 ✓ **Predicted answer**

**Why this answer?** Pakistan became a republic on 23 March 1956, when its first constitution came into force.

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

## Question 29 Everyday Science

A length of one nanometre equals how many metres?

{-6} meters

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

**Why this answer?** One nanometre is one billionth of a metre (10^-9 m); 10^-6 m is a micrometre and 10^-3 m is a millimetre.

**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

Selenium partners with which vitamin in the body's antioxidant defence?

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

A low-to-medium-mass star that has exhausted its core hydrogen and begun fusing helium into carbon has entered which stage?

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

**swer?** 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

At sea level, water boils at what temperature?

- A. 90°C
- B. 95°C
- C. 98°C
- D. 100°C ✓ **Predicted answer**

**Why this answer?** At standard atmospheric pressure at sea level, pure water boils at 100°C.

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Everyday Science: heat and temperature recur in every sitting of this post.

## Question 33 Everyday Science

Which vitamin is produced in the skin by sunlight?

- A. Vitamin A
- B. Vitamin D ✓ **Predicted answer**
- C. Vitamin B12
- D. Vitamin C

**Why this answer?** Sunlight on the skin triggers the production of vitamin D, which works with calcium for bone health.

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

## 34 Everyday Science

What is the chemical formula of common salt?

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

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

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

## Question 35 Everyday Science

Which organ pumps blood through the human body?

- A. Heart ✓ **Predicted answer**
- B. Liver
- C. Kidney
- D. Lung

**Why this answer?** The heart pumps blood through the blood vessels to every part of the body.

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

## Question 36 Everyday Science

How many legs does a spider have?

- A. Four
- B. Six
- C. Ten

nt ✓ **Predicted answer**

**Why this answer?** Spiders are arachnids and have eight legs, unlike insects which have six.

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Everyday Science: animals and their features recur in every sitting of this post.

## Question 37 Everyday Science

Which gas is most abundant in Earth's atmosphere?

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

**Why this answer?** Nitrogen makes up about 78 percent of Earth's atmosphere, followed by oxygen at about 21 percent.

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

## Question 38 Everyday Science

What is the SI unit of force?

- A. Joule
- B. Watt
- C. Newton ✓ **Predicted answer**
- D. Pascal

**Why this answer?** The newton (N) is the SI unit of force; the joule is the unit of energy and the pascal of pressure.

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Everyday Science: units of

nt recur in every sitting of this post.

## Question 39 Computer Science

Early computers of the first generation relied on which component for circuitry?

- A. Transistors
- B. Microprocessors
- C. Vacuum Tubes ✓ **Predicted answer**
- 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).

## Question 40 Computer Science

Which memory can the CPU reach fastest?

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

**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

What does CPU stand for?

tral Processing Unit ✓ **Predicted answer**

- B. Computer Personal Unit
- C. Central Program Unit
- D. Control Processing Unit

**Why this answer?** CPU stands for Central Processing Unit, the main processor of a computer.

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

## Question 42 Computer Science

Which device is used to type text into a computer?

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

**Why this answer?** The keyboard is the main input device for typing text into a computer.

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

## Question 43 Computer Science

How many bits make one byte?

- A. Four
- B. Sixteen
- C. Eight ✓ **Predicted answer**
- D. Thirty-two

**Why this answer?** One byte consists of eight bits.

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

## Question 44 Computer Science

Which of these is an operating system?

- A. Windows ✓ **Predicted answer**
- B. MS Word
- C. Google Chrome
- D. Adobe Photoshop

**Why this answer?** Windows is an operating system; MS Word, Chrome and Photoshop are application programs.

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

## Question 45 Computer Science

What does WWW stand for?

- A. World Web Wide
- B. World Wide Web ✓ **Predicted answer**
- C. Wide World Web
- D. Web World Wide

**Why this answer?** WWW stands for World Wide Web, the system of linked web pages on the internet.

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

## 46 Computer Science

Which key is used to delete text to the left of the cursor?

- A. Enter
- B. Shift
- C. Ctrl
- D. Backspace ✓ **Predicted answer**

**Why this answer?** The Backspace key deletes the character to the left of the cursor.

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

## Question 47 Mathematics

In the alternating series 1, 1, 8, 4, 27, 9, ?, ?, what is the first of the two missing terms?

- A. 36
- B. 64 ✓ **Predicted answer**
- C. 81
- D. 125

**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 15 percent of 200?

- A. 30 ✓ **Predicted answer**
- B. 25
- C. 35

**Why this answer?** 15 percent of 200 is 15/100 x 200 = 30.

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

## Question 49 Mathematics

What is the square root of 144?

- A. 10
- B. 11
- C. 12 ✓ **Predicted answer**
- D. 14

**Why this answer?** 12 x 12 = 144, so the square root of 144 is 12.

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

## Question 50 Mathematics

If x + 7 = 15, what is x?

- A. 6
- B. 7
- C. 9
- D. 8 ✓ **Predicted answer**

**Why this answer?** Subtracting 7 from both sides gives x = 15 - 7 = 8.

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

## 51 English

Put into 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 her father. ✓ **Predicted answer**
- C. He told her that he wanted to meet your father.
- D. He told her that she wanted to meet her father.

**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

Choose the correct passive form of: Sajid gave the beggar an old shirt.

- A. The beggar was gave an old shirt by Sajid.
- B. An old shirt was gave to the beggar by Sajid.
- C. An old shirt was given to Sajid by the beggar.
- D. An old shirt was given to the beggar by Sajid. ✓ **Predicted answer**

**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 correctly spelled word.

eive ✓ **Predicted answer**

- B. Recieve
- C. Riceive
- D. Receeve

**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

Choose the synonym of "happy".

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

**Why this answer?** "Joyful" means full of joy, which is the same as "happy".

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

## Question 55 English

Choose the antonym of "brave".

- A. Cowardly ✓ **Predicted answer**
- B. Bold
- C. Fearless
- D. Heroic

**Why this answer?** "Cowardly" means lacking courage, the opposite of "brave".

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

of this post.

## Question 56 English

What is the plural of "child"?

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

**Why this answer?** The irregular plural of "child" is "children".

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

## Question 57 English

Which of these words is a verb?

- A. Beautiful
- B. Quickly
- C. Run ✓ **Predicted answer**
- D. Happiness

**Why this answer?** "Run" is an action word, a verb; "beautiful" is an adjective, "quickly" an adverb and "happiness" a noun.

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

## Question 58 English

Choose the correctly punctuated sentence.

- A. He said, "I am coming." ✓ **Predicted answer**

said "I am coming".

- C. He said, I am coming.
- D. He said I am coming

**Why this answer?** Reported speech takes a comma after "said" and quotation marks around the spoken words, with the full stop inside the closing quote.

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

## Question 59 English

What is the past tense of "go"?

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

**Why this answer?** "Went" is the past tense of "go".

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

## Question 60 English

Which sentence is in the passive voice?

- A. The cat chased the mouse.
- B. She writes a letter.
- C. They play football.
- D. The letter was written by her. ✓ **Predicted answer**

**Why this answer?** In "The letter was written by her", the subject (the letter) receives the action, which is the passive voice.

**ed [C] — Syllabus anchor:** syllabus anchor — English: active and passive voice recur in every sitting of this post.

## Question 61 Islamic Studies

Fasting is observed in which numbered month of the Hijri calendar?

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

How many pillars of Islam are there?

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

**Why this answer?** The five pillars of Islam are Shahadah, Salah, Zakat, Sawm and Hajj.

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Islamic Studies: the five pillars recur in every sitting of this post.

## Question 63 Islamic Studies

Which is the first Surah of the Holy Quran?

- B. Al-Fatiha ✓ **Predicted answer**
- C. Al-Ikhlas
- D. Yasin

**Why this answer?** Surah Al-Fatiha is the first Surah of the Holy Quran.

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

## Question 64 Islamic Studies

In which month do Muslims fast?

- A. Muharram
- B. Shawwal
- C. Dhul-Hijjah
- D. Ramadan ✓ **Predicted answer**

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

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Islamic Studies: Ramadan and fasting recur in every sitting of this post.

## Question 65 Urdu

مرزا غالب کی جائے پیدائش کون سا شہر ہے؟

A. لاہور

B. کلکتہ

**Predicted answer** ✓ C. آگرہ

D. دہلی

**Why this answer**? مرزا اسد اللہ خان غالب 1797 میں آگرہ میں

**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" کس صورت حال کے لیے بولا جاتا ہے؟

- A. پانی کا ضیاع ہو گیا ہے
- B. وقت یا موقع ضائع ہو گیا ہے ✓ **Predicted answer**
- C. پانی کی قلت ہے
- D. پانی بہت دور بہہ 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

اردو کا پہلا ناول کون سا ہے؟

- A. مراۃ العروس ✓ **Predicted answer**
- B. بانگ درا
- C. خدا کی بستی
- D. آگ کا دریا

**Why this answer**? ڈپٹی نذیر احمد کی مراۃ العروس کو اردو کا پہلا ناول مانا جاتا ہے۔

**Why predicted [C] — Syllabus anchor:** syllabus anchor — Urdu: Urdu literature recurs in

of this post.

# Question 68 Urdu

"علامہ اقبال" کا اصل نام کیا ہے؟

A. اسد اللہ خان

B. احمد رضا

C. فیض احمد

**Predicted answer** ✓ D. محمد اقبال

**Why this answer?** علامہ اقبال کا اصل نام محمد اقبال تھا۔

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

# Question 69 Urdu

لفظ "کتاب" کا جمع کیا ہے؟

A. کتبیں

**Predicted answer** ✓ B. کتب

C. کتابیں

D. کتابوں

**Why this answer?** لفظ "کتاب" کی جمع "کتب" ہے۔

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

اردو حروف تہجی میں کتنے حروف ہیں؟

- A. 36
- B. 38
- C. 39
- D. 37 ✓ **Predicted answer**

**Why this answer**? اردو حروف تہجی میں 37 حروف شمار کیے جاتے ہیں۔

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

## Question 71 Civil Engineering And Irrigation

The Tarbela Dam is built across which river?

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

**Why this answer?** Tarbela Dam, the largest earth-filled dam in the world, is built across the Indus 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 72 Civil Engineering And Irrigation

Mangla Dam is built on which river?

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

nab River

- D. Ravi River

**Why this answer?** Mangla Dam is built across the Jhelum River in Azad Jammu and Kashmir.

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

## Question 73 Civil Engineering And Irrigation

Which barrage is the largest barrage in Pakistan?

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

**Why this answer?** Sukkur Barrage, built across the Indus River in Sindh, is the largest barrage in Pakistan.

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

## Question 74 Civil Engineering And Irrigation

The Indus Waters Treaty between Pakistan and India was signed in which year?

- A. 1955
- B. 1958
- C. 1965
- D. 1960 ✓ **Predicted answer**

**Why this answer?** The Indus Waters Treaty was signed in 1960, with the World Bank as mediator.

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

## Question 75 Civil Engineering And Irrigation

WAPDA was established in which year?

- A. 1958 ✓ **Predicted answer**
- B. 1960
- C. 1965
- D. 1970

**Why this answer?** The Water and Power Development Authority (WAPDA) was established in 1958.

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

## Question 76 Civil Engineering And Irrigation

Which instrument is used to measure the discharge of a river?

- A. Barometer
- B. Current meter ✓ **Predicted answer**
- C. Thermometer
- D. Anemometer

**Why this answer?** A current meter measures the velocity of flowing water, from which the discharge of a river is worked out.

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

## 77 Civil Engineering And Irrigation

The unit of discharge commonly used in irrigation is:

- A. Litre
- B. Kilogram
- C. Cusec ✓ **Predicted answer**
- D. Metre

**Why this answer?** Discharge in irrigation is commonly measured in cusecs (cubic feet per second).

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

## Question 78 Civil Engineering And Irrigation

Which is the longest canal in Pakistan?

- A. Upper Bari Doab Canal
- B. Rohri Canal
- C. Lower Chenab Canal
- D. Nara Canal ✓ **Predicted answer**

**Why this answer?** The Nara Canal, taking off from Sukkur Barrage, is the longest canal in Pakistan.

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

## Question 79 Civil Engineering And Irrigation

In surveying, a theodolite is used mainly to measure:

- A. Horizontal and vertical angles ✓ **Predicted answer**
- B. Water pressure

density

- D. Wind speed

**Why this answer?** A theodolite is a precision instrument for measuring 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.

## Question 80 Civil Engineering And Irrigation

The process by which water enters the soil from the surface is called:

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

**Why this answer?** Infiltration is the movement of water from the surface down into the soil.

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

## Question 81 Civil Engineering And Irrigation

Bernoulli's theorem deals with the conservation of:

- A. Mass
- B. Momentum
- C. Energy ✓ **Predicted answer**
- D. Volume

**Why this answer?** Bernoulli's theorem states that for steady flow of an incompressible fluid, the total energy (pressure, kinetic and potential) stays constant along a streamline.

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

## Question 82 Civil Engineering And Irrigation

Which soil type has the highest water-holding capacity?

- A. Sand
- B. Gravel
- C. Silt
- D. Clay ✓ **Predicted answer**

**Why this answer?** Clay soils, with their very fine particles, hold more water than sand, gravel or silt.

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

## Question 83 Civil Engineering And Irrigation

The slump test is used to check the:

- A. Workability of concrete ✓ **Predicted answer**
- B. Strength of steel
- C. Density of soil
- D. Purity of water

**Why this answer?** The slump test measures how easily fresh concrete flows, which is its workability.

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

## 84 Civil Engineering And Irrigation

In a simply supported beam, the bending moment at the supports is:

- A. Maximum
- B. Zero ✓ **Predicted answer**
- C. Minimum
- D. Constant

**Why this answer?** In a simply supported beam the bending moment is zero at the supports and maximum near mid-span.

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

## Question 85 Civil Engineering And Irrigation

A dam that resists water pressure mainly by its own weight is called a:

- A. Arch dam
- B. Buttress dam
- C. Gravity dam ✓ **Predicted answer**
- D. Earth dam

**Why this answer?** A gravity dam holds back water by the weight of its own mass.

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

## Question 86 Civil Engineering And Irrigation

The full form of RCC is:

- A. Rapid Cement Concrete
- B. Reinforced Clay Concrete
- C. Ready Cement Concrete

**Why this answer?** RCC stands for Reinforced Cement Concrete, concrete strengthened with steel bars.

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

## Question 87 Civil Engineering And Irrigation

Which river is the longest river of Pakistan?

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

**Why this answer?** The Indus, about 3,180 km long, is the longest river of Pakistan.

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

## Question 88 Civil Engineering And Irrigation

The catchment area of a river is also called a:

- A. Flood plain
- B. Watershed ✓ **Predicted answer**
- C. Delta
- D. Reservoir

**Why this answer?** The catchment area that drains into a river is also called its watershed.

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

## 89 Civil Engineering And Irrigation

Reynolds number below 2000 in pipe flow indicates:

- A. Turbulent flow
- B. Transitional flow
- C. Laminar flow ✓ **Predicted answer**
- D. Critical flow

**Why this answer?** In pipe flow, a Reynolds number below about 2000 indicates smooth, laminar flow.

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

## Question 90 Civil Engineering And Irrigation

Which instrument measures atmospheric pressure?

- A. Thermometer
- B. Hygrometer
- C. Anemometer
- D. Barometer ✓ **Predicted answer**

**Why this answer?** A barometer measures atmospheric pressure.

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

## Question 91 Civil Engineering And Irrigation

Curing of concrete is done mainly to:

- A. Keep it moist so it gains strength ✓ **Predicted answer**
- B. Make it dry quickly
- C. Change its colour

**Why this answer?** Curing keeps concrete moist so that hydration continues and the concrete gains its full strength.

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

## Question 92 Civil Engineering And Irrigation

The main purpose of a spillway in a dam is to:

- A. Store water
- B. Discharge surplus flood water safely ✓ **Predicted answer**
- C. Generate power
- D. Supply irrigation water

**Why this answer?** A spillway lets surplus flood water pass the dam safely without overtopping it.

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

## Question 93 Civil Engineering And Irrigation

Which barrage is built on the Indus River near Kashmore?

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

**Why this answer?** Guddu Barrage is built across the Indus River near Kashmore in Sindh.

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

## 94 Civil Engineering And Irrigation

The specific gravity of water at 4°C is:

- A. 0.9
- B. 1.1
- C. 0.98
- D. 1.0 ✓ **Predicted answer**

**Why this answer?** Water at 4°C has a density of 1000 kg per cubic metre, so its specific gravity is 1.0.

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

## Question 95 Civil Engineering And Irrigation

In levelling, the line of sight of the instrument should be:

- A. Horizontal ✓ **Predicted answer**
- B. Vertical
- C. Inclined at 45 degrees
- D. Inclined at 30 degrees

**Why this answer?** In levelling, the line of sight must be horizontal so that staff readings give true height differences.

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

## Question 96 Civil Engineering And Irrigation

Which of these is a Kharif crop?

- A. Wheat
- B. Cotton ✓ **Predicted answer**

- D. Barley

**Why this answer?** Cotton is a Kharif (summer) crop; wheat, gram and barley are Rabi (winter) crops.

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

## Question 97 Civil Engineering And Irrigation

The head loss in a pipe due to friction is described by which equation?

- A. Bernoulli's equation
- B. Manning's equation
- C. Darcy-Weisbach equation ✓ **Predicted answer**
- D. Continuity equation

**Why this answer?** The Darcy-Weisbach equation gives the head loss due to friction in pipe flow.

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

## Question 98 Civil Engineering And Irrigation

Which dam is under construction on the Indus River near Chilas?

- A. Mangla Dam
- B. Tarbela Dam
- C. Warsak Dam
- D. Diamer-Bhasha Dam ✓ **Predicted answer**

**Why this answer?** The Diamer-Bhasha Dam is under construction on the Indus River near Chilas in Gilgit-Baltistan.

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

## Question 99 Civil Engineering And Irrigation

The apex body that allocates Indus water among the provinces is:

- A. WAPDA
- B. Punjab Irrigation Department
- C. IRSA ✓ **Predicted answer**
- D. Federal Flood Commission

**Why this answer?** The Indus River System Authority (IRSA) allocates Indus water among the provinces under the Water Apportionment Accord 1991.

**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 survey measures heights above mean sea level?

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

**Why this answer?** Levelling measures vertical heights and reduced levels above mean sea level.

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

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