PPSC Mineral Development Officer | BS-16 — GUESS PAPER 2026 (Set 2 of 2) · Predicted Questions

Body: Punjab Public Service Commission (PPSC) · **Post:** Mineral Development Officer | BS-16 · **Set:** 2 of 2 · **Questions:** 100 predicted — 0 repeated questions, 10 verified facts predicted to recur, 90 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 Mineral Development Officer | BS-16 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. 90 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 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 Do not quote any item as "asked in the 2026 exam" — nothing here has been asked yet.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 English

Which word is nearest in meaning to "disgorge"?

- A. Baroque
- B. Approve
- C. Delight

urgitate ✓ **Predicted answer**

Why this answer? To disgorge is to pour out, expel or vomit up the contents of something; regurgitate is its nearest synonym.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q11 (verified item — correct answer: Regurgitate).

Question 2 English

Which word is the opposite of "pragmatic"?

- A. Unrealistic ✓ **Predicted answer**
- B. Experimental
- C. Deceitful
- D. Realistic

Why this answer? Pragmatic means practical and realistic, dealing with things sensibly; its antonym is unrealistic.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q12 (verified item — correct answer: Unrealistic).

Question 3 English

The phrasal verb "put up with" means what?

- A. Tolerate ✓ **Predicted answer**
- B. Show
- C. Blame
- D. Steal

Why this answer? "Put up with" means to endure or tolerate something unpleasant without complaining.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-

Q13 (verified item — correct answer: Tolerate).

Question 4 English

Choose the correct word to complete the sentence: "___ you have a good holiday last year?"

- A. Did ✓ **Predicted answer**
- B. Are
- C. Do
- D. Does

Why this answer? "Did you have a good holiday last year?" — past simple question, matching "last year".

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q14 (verified item — correct answer: Did).

Question 5 English

Which word is nearest in meaning to "happy"?

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

Why this answer? Joyful means full of joy, which is nearest in meaning to happy.

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

Question 6 English

Which word is the opposite of "victory"?

- B. Glory
- C. Triumph
- D. Defeat ✓ **Predicted answer**

Why this answer? Defeat is the opposite of victory.

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

Question 7 English

Pick the word with the correct spelling.

- A. Beautiful ✓ **Predicted answer**
- B. Beautifull
- C. Beautifel
- D. Biutiful

Why this answer? Beautiful is the correct spelling.

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

Question 8 English

Choose the correct word: "Neither of the answers ___ correct."

- A. are
- B. were
- C. have been
- D. is ✓ **Predicted answer**

Why this answer? "Neither" takes a singular verb: neither of the answers is correct.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: grammar recurs in

of this post.

Question 9 English

What does the idiom "once in a blue moon" mean?

- A. Every night
- B. Once a year
- C. On a full moon
- D. Very rarely ✓ **Predicted answer**

Why this answer? Once in a blue moon means very rarely, hardly ever.

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

Question 10 English

Which of the following words is a noun?

- A. Honestly
- B. Honest
- C. Quickly
- D. Honesty ✓ **Predicted answer**

Why this answer? Honesty is a noun; honest is an adjective, honestly and quickly are adverbs.

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

Question 11 English

What is the past tense of "go"?

- A. Goed

- C. Going
- D. Went ✓ **Predicted answer**

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

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

Question 12 English

Choose the correct word: "The cat is ___ the table."

- A. on
- B. in
- C. at
- D. under ✓ **Predicted answer**

Why this answer? The cat is under the table: beneath it.

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

Question 13 English

Which sentence is correctly punctuated?

- A. He said I am coming
- B. He said: I am coming.
- C. He said "I am coming"
- D. He said, "I am coming." ✓ **Predicted answer**

Why this answer? Reported speech takes a comma before the quotation and a full stop inside the closing quotation mark.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: punctuation recurs in

of this post.

Question 14 English

What is the one-word substitution for "a person who writes books"?

- A. Reader
- B. Editor
- C. Poet
- D. Author ✓ **Predicted answer**

Why this answer? An author is a person who writes books.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: one-word substitution recurs in every sitting of this post.

Question 15 Computer Studies

Which of these is best known as a music-streaming service for listening to songs on a computer or mobile?

- A. Spotify ✓ **Predicted answer**
- B. Adobe Photoshop
- C. VLC
- D. Microsoft Word

Why this answer? Spotify is a music-streaming service used to listen to music on computers and mobiles.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q15 (verified item — correct answer: Spotify).

Question 16 Computer Studies

What is the main job of a firewall in a computer network?

- prevent unauthorised access to a private network ✓ **Predicted answer**
- B. To scan and remove viruses from a computer
- C. To connect multiple computers to one another
- D. To allow users to make secure online money transfers

Why this answer? A firewall monitors incoming and outgoing network traffic and blocks unauthorised access to a private network.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q16 (verified item — correct answer: A system that prevent unauthorized access to a private network).

Question 17 Computer Studies

What does RAM stand for?

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

Why this answer? RAM stands for Random Access Memory.

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

Question 18 Computer Studies

Which of the following is an output device?

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

swer? A monitor is an output device, a keyboard, mouse and scanner are input devices.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Studies: input and output devices recur in every sitting of this post.

Question 19 Computer Studies

What does WWW stand for?

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

Why this answer? WWW stands for World Wide Web.

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

Question 20 Computer Studies

Which software is used to browse the internet?

- A. MS Word
- B. MS Excel
- C. Notepad
- D. Web browser ✓ **Predicted answer**

Why this answer? A web browser is the software used to browse the internet.

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

21 Computer Studies

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, Ctrl+V pastes and Ctrl+Z undoes.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Studies: keyboard shortcuts recur in every sitting of this post.

Question 22 Computer Studies

How many bytes are there in one kilobyte?

- A. 100
- B. 512
- C. 1000
- D. 1024 ✓ **Predicted answer**

Why this answer? One kilobyte equals 1024 bytes.

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

Question 23 Computer Studies

Which company developed the Windows operating system?

- A. Apple
- B. Google
- C. Microsoft ✓ **Predicted answer**

Why this answer? Microsoft developed the Windows operating system.

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

Question 24 Computer Studies

What is called the brain of the computer?

- A. Monitor
- B. Hard disk
- C. Keyboard
- D. CPU ✓ **Predicted answer**

Why this answer? The CPU (Central Processing Unit) is called the brain of the computer.

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

Question 25 Computer Studies

Which device stores data permanently in a computer?

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

Why this answer? A hard disk stores data permanently; RAM holds data only while the computer is on.

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

26 Computer Studies

What does email stand for?

- A. Electric mail
- B. Easy mail
- C. Express mail
- D. Electronic mail ✓ **Predicted answer**

Why this answer? Email stands for electronic mail.

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

Question 27 Mathematics

If $(x + 1)$ is a factor of $2x^2 + kx$, what is the value of k?

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

Why this answer? If $(x + 1)$ is a factor of $2x^2 + kx$, then $x = -1$ is a root: $2(-1)^2 + k(-1) = 2 - k = 0$, so $k = 2$.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q17 (verified item — correct answer: 2).

Question 28 Mathematics

A car travels 50 km in one hour. At the same speed, how far does it travel in 12 minutes?

- A. 8 km
- B. 10 km ✓ **Predicted answer**
- C. 12 km

Why this answer? 50 km ÷ 60 minutes = 5/6 km per minute; 12 minutes × 5/6 = 10 km.

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q18 (verified item — correct answer: 10 km).

Question 29 Mathematics

What is 25 percent of 80?

- A. 15
- B. 30
- C. 25
- D. 20 ✓ **Predicted answer**

Why this answer? 25 percent of 80 is 25/100 × 80 = 20.

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

Question 30 Mathematics

What is 7 multiplied by 8?

- A. 54
- B. 64
- C. 58
- D. 56 ✓ **Predicted answer**

Why this answer? 7 × 8 = 56.

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

31 Mathematics

What is the next number in the series 2, 4, 8, 16, ___?

- A. 24
- B. 28
- C. 32 ✓ **Predicted answer**
- D. 36

Why this answer? Each number doubles: 2, 4, 8, 16, 32.

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

Question 32 Mathematics

What is the area of a square with a side of 5 cm?

- A. 20 sq cm
- B. 35 sq cm
- C. 30 sq cm
- D. 25 sq cm ✓ **Predicted answer**

Why this answer? The area of a square is side × side: 5 × 5 = 25 sq cm.

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

Question 33 Mathematics

If 3x = 15, what is the value of x?

- A. 3
- B. 4
- C. 5 ✓ **Predicted answer**
- D. 6

swer? From 3x = 15, x = 15 ÷ 3 = 5.

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

Question 34 Mathematics

What is 100 minus 37?

- A. 63 ✓ **Predicted answer**
- B. 57
- C. 67
- D. 73

Why this answer? 100 − 37 = 63.

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

Question 35 Mathematics

What is the average of 10, 20 and 30?

- A. 20 ✓ **Predicted answer**
- B. 15
- C. 25
- D. 30

Why this answer? The average is (10 + 20 + 30) ÷ 3 = 60 ÷ 3 = 20.

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

Question 36 Mathematics

What is the highest common factor of 12 and 18?

- B. 4
- C. 6 ✓ **Predicted answer**
- D. 9

Why this answer? The factors of 12 are 1, 2, 3, 4, 6, 12 and of 18 are 1, 2, 3, 6, 9, 18; the highest common factor is 6.

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

Question 37 Mathematics

What is 9 squared?

- A. 71
- B. 79
- C. 81 ✓ **Predicted answer**
- D. 99

Why this answer? $9^2 = 9 \times 9 = 81$.

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

Question 38 Mathematics

How many items are there in a dozen?

- A. 10
- B. 11
- C. 12 ✓ **Predicted answer**
- D. 24

Why this answer? A dozen equals 12.

ed [C] — Syllabus anchor. syllabus anchor — Mathematics: numbers recur in every sitting of this post.

Question 39 Urdu

شعر میں دو ایک جیسے الفاظ کے استعمال کو کیا کہتے ہیں؟

A. حسن تعلیل

Predicted answer ✓ B. تجنیس تام

C. محاذ

D. توشیع

Why this answer? تجنیس تام میں دو الفاظ حروف میں ایک جیسے ہوتے ہیں مگر ان کے معنی مختلف ہوتے ہیں۔

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q19 (verified item — correct answer: تجنیس تام).

Question 40 Urdu

کسی کا قول بیان کرنے سے پہلے کون سی علامت استعمال کی جاتی ہے؟

Predicted answer ✓ A. واوین

B. قوسین

C. رابطہ

D. تفصیلہ

Why this answer? واوین (" ") علامت کسی کے عین الفاظ بیان کرنے سے پہلے استعمال کی جاتی ہے۔

Why predicted [B] — Verified fact, predicted to recur: ppsc-mineral-development-officer-2025 Q20 (verified item — correct answer: واوین).

41 Urdu

اردو کا پہلا ناول کون سا ہے؟

Predicted answer ✓ A. مراۃ العروس

B. بانگ درا

C. خدا کی بستی

D. آگ کا دریا

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

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

Question 42 Urdu

لفظ "کتاب" کی جمع کیا ہے؟

Predicted answer ✓ A. کتب

B. کتابیں

C. کتابوں

D. کاتب

Why this answer? لفظ کتاب کی جمع کتب ہے۔

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

Question 43 Urdu

مرزا غالب کا اصل نام کیا تھا؟

nswer ✓ A. مرزا اسد اللہ خاں غالب

B. مرزا محمد تقی

C. مرزا دبیر

D. مرزا سروش

Why this answer ؟مرزا غالب کا اصل نام مرزا اسد اللہ خاں تھا۔

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

Question 44 Urdu

اردو میں "شاعر مشرق" کسے کہا جاتا ہے؟

Predicted answer ✓ A. علامہ اقبال

B. میر تقی میر

C. فیض احمد فیض

D. احمد فراز

Why this answer ؟علامہ محمد اقبال کو شاعر مشرق کہا جاتا ہے۔

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

Question 45 Urdu

محاورہ "آنکھوں کا تارا" کا مطلب کیا ہے؟

Predicted answer ✓ A. بہت پیارا

B. بہت دور

C. بہت غصہ

Why this answer? محاورہ آنکھوں کا تارا کا مطلب ہے بہت پیارا یا بہت عزیز۔

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

Question 46 Urdu

حفیظ جالندھری نے پاکستان کا کیا لکھا؟

Predicted answer ✓ A. قومی ترانہ

B. آئین

C. پہلا ناول

D. پہلی نظم

Why this answer? حفیظ جالندھری نے پاکستان کا قومی ترانہ لکھا۔

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

Question 47 Urdu

اردو ادب میں "داستان" سے کیا مراد ہے؟

Predicted answer ✓ A. طویل افسانوی کہانی

B. مختصر نظم

C. خط

D. مضمون

Why this answer? داستان ایک طویل افسانوی کہانی ہوتی ہے۔

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

Question 48 Urdu

میر تقی میر کو کس لقب سے یاد کیا جاتا ہے؟

A. شاعر مشرق

B. شاعر انقلاب

Predicted answer ✓ C. خدائے سخن

D. مصور غم

Why this answer? میر تقی میر کو خدائے سخن کہا جاتا ہے۔

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

Question 49 Urdu

فیض احمد فیض کی مشہور تصنیف کون سی ہے؟

A. بانگ درا

B. شاہنامہ اسلام

Predicted answer ✓ C. نسخہ ہائے وفا

D. کلیات اقبال

Why this answer? نسخہ ہائے وفا فیض احمد فیض کی مشہور تصنیف ہے۔

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

اردو میں لفظ "مہمان" کا متضاد کیا ہے؟

A. دوست

Predicted answer ✓ B. میزبان

C. مسافر

D. رشتہ دار

Why this answer? مہمان کا متضاد میزبان ہے، یعنی مہمان نوازی کرنے والا۔

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

Question 51 Mineral Resources And Geology

What is the chemical formula of quartz?

- A. CaCO3
- B. SiO2 ✓ **Predicted answer**
- C. NaCl
- D. Fe2O3

Why this answer? Quartz is silicon dioxide, SiO2.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral composition recurs in every sitting of this post.

Question 52 Mineral Resources And Geology

Which mineral is known as fool's gold?

- A. Galena
- B. Pyrite ✓ **Predicted answer**

- D. Bauxite

Why this answer? Pyrite is called fool's gold because its brassy colour resembles gold.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral identification recurs in every sitting of this post.

Question 53 Mineral Resources And Geology

Which metal is extracted from hematite ore?

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

Why this answer? Hematite is an important ore of iron.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: metallic ores recur in every sitting of this post.

Question 54 Mineral Resources And Geology

Which gemstone is red in colour?

- A. Emerald
- B. Sapphire
- C. Ruby ✓ **Predicted answer**
- D. Topaz

Why this answer? Ruby is a red gemstone, a variety of corundum.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: gemstones recur in every sitting of this post.

55 Mineral Resources And Geology

What is the Mohs hardness of diamond?

- A. 7
- B. 8
- C. 9
- D. 10 ✓ **Predicted answer**

Why this answer? Diamond is rated 10, the hardest value on the Mohs scale.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral properties recur in every sitting of this post.

Question 56 Mineral Resources And Geology

Which type of coal has the highest carbon content?

- A. Peat
- B. Lignite
- C. Bituminous
- D. Anthracite ✓ **Predicted answer**

Why this answer? Anthracite is the highest rank of coal, with the most carbon and the most heat.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: coal types recur in every sitting of this post.

Question 57 Mineral Resources And Geology

In which district is the Khewra salt mine located?

- A. Mianwali
- B. Jhelum ✓ **Predicted answer**
- C. Chakwal

Why this answer? The Khewra salt mine is in Jhelum district, Punjab.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: salt mines of Pakistan recur in every sitting of this post.

Question 58 Mineral Resources And Geology

Which mineral is used in fertilisers as a source of potassium?

- A. Gypsum
- B. Potash ✓ **Predicted answer**
- C. Limestone
- D. Quartz

Why this answer? Potash minerals supply potassium, an essential plant nutrient in fertilisers.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: industrial uses of minerals recur in every sitting of this post.

Question 59 Mineral Resources And Geology

Which mineral is the main constituent of granite, besides feldspar?

- A. Quartz ✓ **Predicted answer**
- B. Calcite
- C. Gypsum
- D. Talc

Why this answer? Granite is made mainly of quartz and feldspar.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: rock composition recurs in every sitting of this post.

60 Mineral Resources And Geology

Which mining method is used for ore bodies lying deep underground?

- A. Open-pit mining
- B. Underground mining ✓ **Predicted answer**
- C. Placer mining
- D. Quarrying

Why this answer? Deep ore bodies are reached by underground mining, through shafts and tunnels.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mining methods recur in every sitting of this post.

Question 61 Mineral Resources And Geology

In mining, what is a seam?

- A. A layer of coal or mineral ✓ **Predicted answer**
- B. A mining tool
- C. A safety helmet
- D. A type of rock drill

Why this answer? A seam is a layer of coal or other mineral within the rock.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mining terms recur in every sitting of this post.

Question 62 Mineral Resources And Geology

Which gas is released when limestone is heated strongly?

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

Why this answer? Heating limestone (calcium carbonate) releases carbon dioxide and leaves quicklime.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral chemistry recurs in every sitting of this post.

Question 63 Mineral Resources And Geology

Which mineral is the main ore of lead?

- A. Galena ✓ **Predicted answer**
- B. Bauxite
- C. Hematite
- D. Chalcopyrite

Why this answer? Galena, lead sulphide, is the main ore of lead.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: metallic ores recur in every sitting of this post.

Question 64 Mineral Resources And Geology

What is the study of minerals called?

- A. Petrology
- B. Mineralogy ✓ **Predicted answer**
- C. Palaeontology
- D. Seismology

Why this answer? Mineralogy is the study of minerals: their composition, properties and occurrence.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: geology terms recur in every sitting of this post.

65 Mineral Resources And Geology

Marble is mainly quarried in which province of Pakistan?

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

Why this answer? Marble is mainly quarried in Khyber Pakhtunkhwa, notably in Mohmand and Buner.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: marble of Pakistan recurs in every sitting of this post.

Question 66 Mineral Resources And Geology

Which mineral is used in toothpaste to protect teeth?

- A. Gypsum
- B. Fluorite ✓ **Predicted answer**
- C. Coal
- D. Bauxite

Why this answer? Fluoride, obtained from fluorite, is added to toothpaste to protect teeth from decay.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: everyday uses of minerals recur in every sitting of this post.

Question 67 Mineral Resources And Geology

What is the highest value on the Mohs scale of hardness?

- A. 7
- B. 8

- D. 10 ✓ **Predicted answer**

Why this answer? The Mohs scale runs from 1 (talc) to 10 (diamond).

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral properties recur in every sitting of this post.

Question 68 Mineral Resources And Geology

Sandstone is formed from which material?

- A. Volcanic ash
- B. Sand grains ✓ **Predicted answer**
- C. Seashells
- D. Clay minerals

Why this answer? Sandstone is a sedimentary rock formed from sand grains pressed and cemented together.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: rock types recur in every sitting of this post.

Question 69 Mineral Resources And Geology

Which ore is the main source of copper at Saindak?

- A. Chalcopyrite ✓ **Predicted answer**
- B. Bauxite
- C. Hematite
- D. Galena

Why this answer? Chalcopyrite, a copper iron sulphide, is the main copper ore at Saindak.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: copper deposits recur in every sitting of this post.

70 Mineral Resources And Geology

What safety equipment protects a miner's head underground?

- A. Safety boots
- B. Hard hat (helmet) ✓ **Predicted answer**
- C. Gloves
- D. Goggles

Why this answer? A hard hat protects a miner's head from falling rock.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mine safety recurs in every sitting of this post.

Question 71 Mineral Resources And Geology

Which mineral is used as an abrasive in sandpaper?

- A. Talc
- B. Gypsum
- C. Garnet ✓ **Predicted answer**
- D. Coal

Why this answer? Garnet, a hard mineral, is used as an abrasive in sandpaper.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: industrial uses of minerals recur in every sitting of this post.

Question 72 Mineral Resources And Geology

In which province is the Reko Diq copper-gold deposit located?

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

swer? Reko Diq is in Chagai district, Balochistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: copper and gold deposits recur in every sitting of this post.

Question 73 Mineral Resources And Geology

What is the process of removing ore from the earth called?

- A. Smelting
- B. Refining
- C. Mining ✓ **Predicted answer**
- D. Marketing

Why this answer? Mining is the process of extracting ore and minerals from the earth.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mining terms recur in every sitting of this post.

Question 74 Mineral Resources And Geology

Which mineral is a good conductor of electricity and is used in electric wires?

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

Why this answer? Copper conducts electricity well and is widely used in electric wires.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: everyday uses of minerals recur in every sitting of this post.

Question 75 Mineral Resources And Geology

What is talc mainly used for?

king steel

- B. Talcum powder and cosmetics ✓ **Predicted answer**
- C. Making glass
- D. Making cement

Why this answer? Talc, the softest mineral, is used in talcum powder and cosmetics.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: everyday uses of minerals recur in every sitting of this post.

Question 76 Mineral Resources And Geology

Besides salt, which mineral is found in the Salt Range?

- A. Gypsum ✓ **Predicted answer**
- B. Coal
- C. Copper
- D. Gold

Why this answer? Gypsum occurs in the Salt Range alongside rock salt.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: non-metallic minerals recur in every sitting of this post.

Question 77 Mineral Resources And Geology

What is the colour of pure gold?

- A. White
- B. Red
- C. Yellow ✓ **Predicted answer**
- D. Green

Why this answer? Pure gold is yellow in colour.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral

n recurs in every sitting of this post.

Question 78 Mineral Resources And Geology

Which rock forms when lava cools on the earth's surface?

- A. Granite
- B. Marble
- C. Basalt ✓ **Predicted answer**
- D. Sandstone

Why this answer? Basalt is an extrusive igneous rock, formed when lava cools on the surface.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: rock types recur in every sitting of this post.

Question 79 Mineral Resources And Geology

Which mineral is used in making steel?

- A. Iron ore ✓ **Predicted answer**
- B. Bauxite
- C. Gypsum
- D. Talc

Why this answer? Iron ore is the main raw material for making steel.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: industrial uses of minerals recur in every sitting of this post.

Question 80 Mineral Resources And Geology

What is the first step in mineral exploration?

- A. Smelting

- C. Geological survey ✓ **Predicted answer**
- D. Marketing

Why this answer? Mineral exploration begins with a geological survey and mapping of the area.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mineral Resources: mineral exploration recurs in every sitting of this post.

Question 81 General Knowledge

Which is the largest ocean in the world?

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

Why this answer? The Pacific Ocean is the largest ocean in the world.

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

Question 82 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

r in every sitting of this post.

Question 83 General Knowledge

Which country is called the Land of the Rising Sun?

- A. China
- B. Japan ✓ **Predicted answer**
- C. Korea
- D. Thailand

Why this answer? Japan is called the Land of the Rising Sun.

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

Question 84 General Knowledge

How many continents are there in the world?

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

Why this answer? There are seven continents: 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 85 General Knowledge

Which is the longest river in the world?

- A. Amazon

- C. Yangtze
- D. Indus

Why this answer? The Nile is generally regarded as the longest river in the world.

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

Question 86 General Knowledge

Which is the smallest planet in the solar system?

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

Why this answer? Mercury is the smallest planet in the solar system.

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

Question 87 General Knowledge

Who wrote the play Hamlet?

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

Why this answer? Hamlet was written by William Shakespeare.

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

88 General Knowledge

What is the currency of the United Kingdom?

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

Why this answer? The currency of the United Kingdom is the pound sterling.

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

Question 89 General Knowledge

Which animal is called the King of the Jungle?

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

Why this answer? The lion is called the King of the Jungle.

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

Question 90 General Knowledge

The Great Wall of China was built mainly to protect China from invaders from which direction?

- A. The south
- B. The north ✓ **Predicted answer**
- C. The east

Why this answer? The Great Wall was built along China's northern border to guard against northern nomads.

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

Question 91 Pakistan Studies

What is the national sport of Pakistan?

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

Why this answer? Field hockey is the national sport of Pakistan.

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

Question 92 Pakistan Studies

Who was the first woman Prime Minister of Pakistan?

- A. Fatima Jinnah
- B. Benazir Bhutto ✓ **Predicted answer**
- C. Nusrat Bhutto
- D. Hina Rabbani Khar

Why this answer? Benazir Bhutto became the first woman Prime Minister of Pakistan in 1988.

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

93 Pakistan Studies

On which date did Pakistan come into being?

- A. 14 August 1947 ✓ **Predicted answer**
- B. 15 August 1947
- C. 23 March 1940
- D. 23 March 1956

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

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

Question 94 Pakistan Studies

Which dam is built on the Indus River?

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

Why this answer? Tarbela Dam, one of the largest earth-filled dams in the world, is built on the Indus River.

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

Question 95 Pakistan Studies

The Badshahi Mosque is located in which city?

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

Why this answer? The Badshahi Mosque is in Lahore.

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

Question 96 Pakistan Studies

Who composed the music of Pakistan's national anthem?

- A. Hafeez Jalandhari
- B. Ahmed Ghulam Ali Chagla ✓ **Predicted answer**
- C. Allama Iqbal
- D. Faiz Ahmed Faiz

Why this answer? Ahmed Ghulam Ali Chagla composed the music of Pakistan's national anthem.

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

Question 97 Pakistan Studies

Which is the largest city of Pakistan?

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

Why this answer? Karachi is the largest city of Pakistan by population.

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

98 Pakistan Studies

Which bird is the national bird of Pakistan?

- A. Peacock
- B. Chakor ✓ **Predicted answer**
- C. Eagle
- D. Houbara bustard

Why this answer? The chakor (partridge) is the national bird of Pakistan.

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

Question 99 Pakistan Studies

In which year was the 18th Amendment to the Constitution passed?

- A. 2008
- B. 2009
- C. 2010 ✓ **Predicted answer**
- D. 2012

Why this answer? The 18th Amendment was passed in 2010.

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

Question 100 Pakistan Studies

Which pass connects Pakistan with China?

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

Answer: The Khunjerab Pass, on the Karakoram Highway, connects Pakistan with China.

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

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