SDEO, Punjab Enforcement and Regulatory Authority (PERA) — 2025 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** SDEO, Punjab Enforcement and Regulatory Authority (PERA) · **Year:** 2025 · **Questions:** 100 in the original paper — **85 solved and verified**, 1 excluded as defective (Q59), 14 unrecoverable (Q12, Q13, Q29, Q30, Q31, Q33, Q34, Q38, Q95, Q96, Q97, Q98, Q99, Q100) · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2025 sitting.

Source note: PACE GK Academy reproduction of the same sitting (Imtiaz Shahid book Vol 2, Ed 110, Paper 217, pp. 1177-1182; General Knowledge Paper-I, 94 items, each with a printed key), fetched 13 Nov 2026. The PACE web page carries the same 94 items with clean options and keys, including clean Urdu options for Q29-Q38. Four printed keys corrected openly (Q43, Q52, Q56, Q70) and three items filed as PICK-ONE (Q6, Q50, Q60); one item DEFECTIVE-excluded (Q59 — no option is correct), all decided by the assistant under the owner's 8 Nov 2026 delegation. Four Urdu questions (Q32, Q35, Q36, Q37) were reconstructed from the garbled Nastaliq fragments plus the clean web-page options and keys, and are marked as reconstructed. Q12 and Q13 carry no usable options in any reproduction (options printed as '-'), and Q29, Q30, Q31, Q33, Q34, Q38 have no recoverable stem. The testpointpk SDEO GK page was unusable (stems not in the fetched text, JavaScript quiz). Dedup 13 Nov 2026 vs the live library (595 papers): 4 exact single-question matches (isolated reuse across sittings) + 1 first-8-words-only match — not a duplicate paper.

1 General Knowledge

Which of the following is not a name of woman gymnastics?

- A. Simone Biles
- B. Nastia Liukin
- C. Claressa Shields ✓ **Correct answer**
- D. None of these

A. Simone Biles is a famous woman gymnast, so she is a name of woman gymnastics.

B. Nastia Liukin is a famous woman gymnast, so she is a name of woman gymnastics.

C. Correct: Claressa Shields is a boxer, not a gymnast, so her name is not a name of woman gymnastics.

D. None of these is wrong, because Claressa Shields is the answer.

Note: Note: The paper prints "Simone Arianne" and "Nastia Luikin"; corrected to Simone Biles and Nastia Liukin.

Question 2 General Knowledge

Monsoon refers to ?

- A. seasonal reversal of winds ✓ **Correct answer**
- B. weather change
- C. Extreme weather
- D. None of these

A. Correct: a monsoon is the seasonal reversal of winds — the winds change direction with the seasons, bringing rain in summer.

B. A monsoon is not just any weather change; it is specifically the seasonal reversal of the winds.

C. Extreme weather is a result of many things, not the definition of a monsoon.

these is wrong, because the seasonal reversal of winds is the answer.

Question 3 Pakistan Studies

Kirthar range lies on the boundary of which two provinces?

- A. Sindh and Punjab
- B. Sindh and Balochistan ✓ **Correct answer**
- C. Punjab and KPK
- D. KPK and Sindh

A. The Kirthar Range does not lie on the boundary of Sindh and Punjab.

B. Correct: the Kirthar Range lies on the boundary of Sindh and Balochistan, running along their border.

C. The Kirthar Range does not lie on the boundary of Punjab and Khyber Pakhtunkhwa.

D. The Kirthar Range does not lie on the boundary of Khyber Pakhtunkhwa and Sindh.

Question 4 Pakistan Studies

Which tectonic plates meet in Pakistan's south-west region?

- A. Indian and Eurasian ✓ **Correct answer**
- B. Pacific
- C. Atlantic
- D. None of these

A. Correct: the Indian and Eurasian tectonic plates meet in Pakistan's south-west region, along the Makran and Chaman fault zones.

B. The Pacific is an ocean, not a tectonic plate meeting in Pakistan's south-west.

C. The Atlantic is an ocean, not a tectonic plate meeting in Pakistan's south-west.

D. None of these is wrong, because the Indian and Eurasian plates are the answer.

5 Pakistan Studies

Gwadar lies on which sea coast ?

- A. Arabian ✓ **Correct answer**
- B. Pacific
- C. Atlantic
- D. None of these

A. Correct: Gwadar lies on the coast of the Arabian Sea, in Balochistan.

B. Gwadar does not lie on the Pacific coast.

C. Gwadar does not lie on the Atlantic coast.

D. None of these is wrong, because the Arabian Sea is the answer.

Question 6 Computer Science

Which of the following is an example of freeware?

- A. DOS
- B. Oracle ✓ **Correct answer**
- C. Microsoft
- D. None of these

A. DOS is a proprietary operating system, not freeware.

B. Correct: Oracle is the intended answer, because Oracle offers a free Express Edition (XE) of its database; the question is loosely worded, since none of the three named items is classic freeware.

C. Microsoft is a company, not a piece of freeware.

D. None of these is the strictly pedantic alternative, but the intended answer is Oracle.

Note: Note: Loosely worded: none of the three named items is classic freeware (DOS and

proprietary products, Microsoft is a company). Oracle is the intended answer because Oracle offers a free Express Edition (XE); "None of these" is the strictly pedantic alternative.

Question 7 Computer Science

The Conditional Formatting option is present in MS Excel under which tab?

- A. Home- Conditional formatting ✓ **Correct answer**
- B. Home - Insert
- C. Home - Title bar
- D. None of these

A. Correct: Conditional Formatting is found on the Home tab of Microsoft Excel, under Home — Conditional Formatting.

B. The Home — Insert path does not lead to Conditional Formatting.

C. The title bar is the top bar of the window, not where Conditional Formatting lives.

D. None of these is wrong, because Home — Conditional Formatting is the answer.

Question 8 Computer Science

Which shortcut is used to insert a new slide in PowerPoint?

- A. Ctrl + M ✓ **Correct answer**
- B. Ctrl + L
- C. Ctrl + W
- D. Ctrl + E

A. Correct: Ctrl + M inserts a new slide in PowerPoint.

B. Ctrl + L is not the shortcut for a new slide in PowerPoint.

C. Ctrl + W closes a window, it does not insert a new slide.

ntres text, it does not insert a new slide.

Question 9 Computer Science

Which tab is used to insert a footnote in MS-word?

- A. References ✓ **Correct answer**
- B. Header
- C. Insert
- D. None of these

A. Correct: footnotes are inserted from the References tab in MS Word. The paper prints this option as 'Reference Footnote'.

B. The Header is the top margin area of a page, not the tab for footnotes.

C. The Insert tab is not where footnotes are inserted.

D. None of these is wrong, because the References tab is the answer.

Note: Note: The paper prints option A as "Reference Footnote"; the tab is References.

Question 10 Computer Science

Which AI platform is used to assist in generating text used in emails?

- A. Chatgpt ✓ **Correct answer**
- B. Oracle
- C. DOS
- D. None of these

A. Correct: ChatGPT is the AI platform used to assist in generating text, including the text of emails.

B. Oracle is a database company, not an AI platform for generating email text.

C. DOS is an old operating system, not an AI platform.

these is wrong, because ChatGPT is the answer.

Question 11 Computer Science

Which AI tool is integrated with MS Word and MS Excel?

- A. Microsoft copilot ✓ **Correct answer**
- B. Microsoft word
- C. Microsoft excel
- D. None of these

A. Correct: Microsoft Copilot is the AI tool integrated with Microsoft Word and Microsoft Excel.

B. Microsoft Word is a word processor, not the AI tool integrated with itself.

C. Microsoft Excel is a spreadsheet program, not the AI tool integrated with itself.

D. None of these is wrong, because Microsoft Copilot is the answer.

Question 12

No answer is given for this question, and none is taught. No stem, options or key for this question appear in any reproduction found: the PACE reproduction serves 94 questions (Q1–Q94); the remaining 6 (Q95–Q100) are not in any reproduction found. Unrecoverable — no answer asserted. Decided by assistant under owner's 8 Nov delegation.

Question 13

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14 General Knowledge

Name of the Pakistan stock exchange market?

- A. KSE 100 ✓ **Correct answer**
- B. KSE 200
- C. KSE 300
- D. KSE 400

A. Correct: the KSE-100 is the benchmark index of the Pakistan Stock Exchange — the market's main index.

B. The KSE-200 is not the name of the Pakistan stock exchange market.

C. The KSE-300 is not the name of the Pakistan stock exchange market.

D. The KSE-400 is not the name of the Pakistan stock exchange market.

Question 15 Computer Science

What is the maximum zoom percentage in Excel?

- A. 200 %
- B. 300 %
- C. 400 % ✓ **Correct answer**
- D. 500 %

A. Excel can zoom to 200 percent, but that is not its maximum.

B. Excel can zoom to 300 percent, but that is not its maximum.

C. Correct: the maximum zoom percentage in Microsoft Excel is 400 percent.

D. Excel cannot zoom to 500 percent.

16 Computer Science

The process of removing unwanted part of an image is called ?

- A. Scaling
- B. Cropping ✓ **Correct answer**
- C. Percentage
- D. None of these

A. Scaling changes the size of an image, it does not remove an unwanted part.

B. Correct: cropping is the process of removing an unwanted part of an image.

C. Percentage is not the name of the process of removing part of an image.

D. None of these is wrong, because cropping is the answer.

Question 17 Computer Science

Smart way to send and receive email across?

- A. Internet
- B. Intranet
- C. Extranet
- D. All of these ✓ **Correct answer**

A. Email does travel over the Internet, but that alone is not the whole answer.

B. Email can also travel within an intranet, but that alone is not the whole answer.

C. Email can also travel over an extranet, but that alone is not the whole answer.

D. Correct: email can be sent and received over the Internet, within an intranet, and over an extranet — so all of these are correct.

18 Computer Science

_____ is used to locate a device over the network:

- A. IP ✓ **Correct answer**
- B. URL
- C. HP
- D. None of these

A. Correct: an IP address is used to locate a device over a network — every device on a network has one.

B. A URL locates a web page, not a device on a network.

C. HP is a computer company, not a way to locate a device over a network.

D. None of these is wrong, because the IP address is the answer.

Question 19 Computer Science

ROM is a _____?

- A. Hardware ✓ **Correct answer**
- B. Software
- C. Application
- D. None of these

A. Correct: ROM (Read Only Memory) is a hardware chip — a physical part of the computer.

B. ROM is not software; it is a physical memory chip.

C. ROM is not an application; it is a physical memory chip.

D. None of these is wrong, because hardware is the answer.

20 Everyday Science

The process through which the Sun creates energy is called?

- A. Nuclear fusion ✓ **Correct answer**
- B. Nuclear fission
- C. Both
- D. None of these

A. Correct: the Sun creates energy by nuclear fusion — hydrogen nuclei join together to form helium, releasing enormous energy.

B. The Sun does not create energy by nuclear fission; fission splits heavy atoms apart.

C. The Sun uses fusion, not both fusion and fission.

D. None of these is wrong, because nuclear fusion is the answer.

Question 21 Everyday Science

Which of the following is not a direct result of climate change ?

- A. Brain Drain ✓ **Correct answer**
- B. Smoke
- C. Smog
- D. None of these

A. Correct: brain drain — the emigration of skilled people — is a social and economic result, not a direct result of climate change.

B. Smoke is linked to climate change through burning and pollution, so it is not the answer.

C. Smog is linked to climate change through air pollution, so it is not the answer.

D. None of these is wrong, because brain drain is the answer.

22 Everyday Science

Which layer of the atmosphere contains the ozone layer?

- A. Low stratosphere ✓ **Correct answer**
- B. High stratosphere
- C. Troposphere
- D. Mesosphere

A. Correct: the ozone layer lies in the lower stratosphere, roughly 15 to 30 kilometres above the Earth.

B. The ozone layer is in the lower stratosphere, not the high stratosphere.

C. The ozone layer is not in the troposphere, the lowest layer of the atmosphere.

D. The ozone layer is not in the mesosphere, the layer above the stratosphere.

Question 23 Everyday Science

Which is present in all viruses ?

- A. Guanine ✓ **Correct answer**
- B. Lactose
- C. Fructose
- D. None of these

A. Correct: every virus carries nucleic acid (DNA or RNA), and guanine is one of the four bases found in all nucleic acids, so guanine is present in all viruses.

B. Lactose is a sugar found in milk, not something present in all viruses.

C. Fructose is a fruit sugar, not something present in all viruses.

D. None of these is wrong, because guanine is the answer.

24 Everyday Science

Concept of Homeostasis refers to ?

- A. Maintaining stability /Balance internal environment ✓ **Correct answer**
- B. Maintaining external environment
- C. Maintaining earth temperature
- D. None of these

A. Correct: homeostasis is the concept of maintaining a stable, balanced internal environment in the body, despite changes outside.

B. Homeostasis is about the internal environment, not the external one.

C. Homeostasis is about the body's internal balance, not the Earth's temperature.

D. None of these is wrong, because maintaining the internal environment is the answer.

Question 25 Everyday Science

Which of the following allows electricity to pass in the molten state?

- A. Magnetic
- B. Electrolyte ✓ **Correct answer**
- C. Both
- D. None of these

A. A magnet does not allow electricity to pass in the molten state.

B. Correct: an electrolyte — a substance that forms ions — conducts electricity when molten, because its ions are free to move.

C. Both is wrong: a magnet does not conduct electricity in the molten state.

D. None of these is wrong, because the electrolyte is the answer.

26 Everyday Science

The number of wavelengths passing a point per second is called?

- A. Electrolyte
- B. Magnet
- C. Frequency ✓ **Correct answer**
- D. None of these

A. An electrolyte is a substance that conducts electricity, not the number of wavelengths passing a point per second.

B. A magnet is a body that attracts iron, not the number of wavelengths passing a point per second.

C. Correct: frequency is the number of wavelengths (or cycles) passing a point in one second.

D. None of these is wrong, because frequency is the answer.

Question 27 Everyday Science

Tibia and Fibula bones are present in ?

- A. Hind Limb ✓ **Correct answer**
- B. Thighs
- C. Legs

اردو میں کلمے جنھیں معن کے لیے D. None of these•

A. Correct: the tibia and fibula are the two bones of the lower leg, which is part of the hind limb.

B. The thigh contains the femur, not the tibia and fibula.

C. The tibia and fibula are bones of the leg, but the exam's answer is the hind limb, of which the leg is a part.

these is wrong, because the hind limb is the answer.

Question 28 Everyday Science

Study of animal behavior is called?

- A. Entomology
- B. Etymology
- C. Ethology ✓ **Correct answer**
- D. None of these؟ ہے اد مر کیا سے کھانا کن بیر ک ے

A. Entomology is the study of insects, not the study of animal behaviour.

B. Etymology is the study of the origin of words, not the study of animal behaviour.

C. Correct: ethology is the study of animal behaviour.

D. None of these is wrong, because ethology is the answer.

Question 29

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Question 30

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Question 32 Urdu

فجر کی نماز کا وقت کب شروع ہوتا ہے؟

Correct answer ✓ A. صبح صادق کے بعد

B. سورج نکلنے کے بعد

C. سورج غروب ہونے کے بعد

D. کوئی نہیں

A. Correct: the time of the Fajr prayer begins after true dawn (Subh-e-Sadiq), when the light spreads across the horizon.

B. The Fajr prayer time does not begin after the sun rises — by then Fajr has ended.

C. The Fajr prayer time does not begin after the sun sets.

D. None of these is wrong, because the time begins after true dawn.

Note: Note: Stem reconstructed from the garbled Nastaliq reproduction fragments: "فجر ... نماز کا وقت کب شروع ہوتا ہے ... صبح صادق کے بعد") and confirmed by the PACE web page options and key. Fajr time begins at true dawn (Subh-e-Sadiq).

Question 33

No answer is given for this question, and none is taught. No stem, options or key for

n appear in any reproduction found: the PACE reproduction serves 94 questions (Q1–Q94); the remaining 6 (Q95–Q100) are not in any reproduction found. Unrecoverable — no answer asserted. Decided by assistant under owner's 8 Nov delegation.

Question 34

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Question 35 Urdu

شاعر جس شعر میں ایسے الفاظ استعمال کرتا ہے جن کے دو معنی ہوں، اسے کون سی صنعت کہتے ہیں؟

- A. صنعت تجنیس
- B. صنعت مرات النظیر
- C. صنعت ابہام ✓ **Correct answer**
- D. کوئی نہیں

A. صنعت تجنیس is the figure of punning, where a word has two meanings by sound, not the .figure where a poet uses words with two meanings

B. صنعت مرات النظیر is the figure of bringing together related things, not the figure of a word .with two meanings

C. Correct: صنعت ابہام is the figure in which the poet uses words that carry two meanings, so .the reader must find the intended one

r صنعت ابہام **D.** None of these is wrong, because

شاعر" :fragments) **Note:** Note: Stem reconstructed from the garbled Nastaliq reproduction and confirmed by the PACE web page options and ("الفاظ ... دو معنی ... استعمال کرتا ہے ... صنعت ... key صنعت ابہام .is the figure in which a word carries two meanings.

Question 36 Urdu

جملے کے آخر میں کون سی علامت لگائی جاتی ہے؟

A. قومہ

Correct answer ✓ B. ختمہ

C. سوالیہ

D. کوئی نہیں

A. قومہ (comma) is used inside a sentence, not at its end.

B. Correct: ختمہ (full stop) is the mark placed at the end of a sentence.

C. سوالیہ (question mark) is used at the end of a question, not at the end of every sentence.

D. None of these is wrong, because ختمہ is the answer.

جملے" :fragments) **Note:** Note: Stem reconstructed from the garbled Nastaliq reproduction and confirmed by the PACE web page options and key ("آخر ... علامت ... لگائی جاتی ہے ... ختمہ) .closes a sentence (full stop

Question 37 Urdu

ارض پاک سے محبت ہمارا _____ ہے؟

wer ✓ A. فریضہ

B. قریضہ

C. دونوں

D. کوئی نہیں

A. Correct: love of the pure land is our فریضہ (duty) the correct word is فریضہ.

B. قرضہ is not a word in Urdu; the word for a loan is قریضہ, so this cannot be the answer.

C. Both cannot be right, because قریضہ is not a word.

D. None of these is wrong, because فریضہ is the answer.

Note: Note: Stem reconstructed from the garbled Nastaliq reproduction (fragments: "ارض ... ہے پاک سے محبت ہمارا") and confirmed by the PACE web page options and key. فریضہ (duty) is the correct word; قریضہ is not a word.

Question 38

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Question 39 English

You are _____ to your words?

- A. with
- B. to ✓ **Correct answer**
- C. at

A. We do not say 'with your words' in this idiom.

B. Correct: the idiom is 'true to one's word' — to keep one's promise — so 'to' fills the blank.

C. We do not say 'at your words' in this idiom.

D. We do not say 'for your words' in this idiom.

Note: Note: The idiom is "true to one's word".

Question 40 English

Ghasibana in English?

- A. Usurpation ✓ **Correct answer**
- B. Surpation
- C. Humorous
- D. None of these

means 'by usurpation' — taking power or property by force. (ghasibana) غاصبانہ :**A.** Correct .'The paper prints this option as 'Unsurpation

B. Surpation is not a word; the correct word is usurpation.

.غاصبانہ **C.** Humorous means funny, which has nothing to do with

D. None of these is wrong, because usurpation is the answer.

."means "by usurpation (ghasibana) غاصبانہ ;"**Note:** Note: The paper prints "Unsurpation

Question 41 English

Mynah : Bird : Terrapin:

:le ✓ **Correct answer**

- B. Rabbit
- C. Crow
- D. Sparrow

A. Correct: a terrapin is a kind of turtle, just as a mynah is a kind of bird.

B. A rabbit is a mammal, not a turtle.

C. A crow is a bird, not a turtle.

D. A sparrow is a bird, not a turtle.

Question 42 English

Happening after one's death is called:

- A. Unposthumously
- B. Posthumously ✓ **Correct answer**
- C. Previously
- D. None of these

A. Unposthumously is not a word.

B. Correct: posthumously means happening after one's death — for example, a book published posthumously appears after the author has died.

C. Previously means before, not after one's death.

D. None of these is wrong, because posthumously is the answer.

Question 43 English

No one --------- about one's future plan:

- A. Knows ✓ **Correct answer**
- B. Spies

- D. None of these

A. Correct: 'No one knows about one's future plan' is the natural, grammatical completion — nobody can know the future. The printed key (Spies) is wrong, because 'spies about' is ungrammatical.

B. 'No one spies about one's future plan' is ungrammatical — we say 'spies on', not 'spies about'.

C. Both cannot be right, because 'spies' does not fit.

D. None of these is wrong, because 'knows' is the answer.

Note: Note: PRINTED KEY CORRECTED: PACE keys B (Spies). "No one spies about one's future plan" is ungrammatical ("spies on", not "spies about"); "No one knows about one's future plan" is the correct completion.

Question 44 English

There were _____ events that led to _____ failure.

- A. A few, colossal ✓ **Correct answer**
- B. some, colossal
- C. more , colossal
- D. None of these

A. Correct: 'There were a few events that led to colossal failure' — 'a few' fits the plural 'events', and 'colossal' means huge.

B. 'Some events' also fits grammatically, but the printed key is 'a few, colossal', which is the idiomatic pairing.

C. 'More events' does not fit the sentence as naturally as 'a few events'.

D. None of these is wrong, because 'a few, colossal' is the answer.

45 English

Antonym of Decipher is?

- A. Misinterpret ✓ **Correct answer**
- B. Humorous
- C. Interpret
- D. None of these

A. Correct: decipher means to decode or understand something; its antonym is misinterpret, to understand it wrongly.

B. Humorous means funny, which is not the antonym of decipher.

C. Interpret is a synonym of decipher, not its antonym.

D. None of these is wrong, because misinterpret is the answer.

Question 46 English

Bear away means :

- A. win a prize ✓ **Correct answer**
- B. Loss
- C. Benefit
- D. None of these

A. Correct: 'to bear away' means to win a prize — to carry it away as a winner.

B. Loss is the opposite of bearing away a prize.

C. Benefit means an advantage, not the meaning of 'bear away'.

D. None of these is wrong, because 'win a prize' is the answer.

47 English

Come what may-------- I shall stay here till the end .

- A. Comma ✓ **Correct answer**
- B. Full stop
- C. Semi Colon
- D. None of these

A. Correct: 'Come what may, I shall stay here till the end' — a comma separates the introductory phrase from the main clause.

B. A full stop would break the sentence into two, which is wrong here.

C. A semi-colon is not used to separate an introductory phrase like this.

D. None of these is wrong, because the comma is the answer.

Question 48 English

He wanted to leave _____ he stayed until the end.

- A. so
- B. Or
- C. But ✓ **Correct answer**
- D. None of these

A. 'So' would mean a result, but the sentence contrasts wanting to leave with staying.

B. 'Or' would offer a choice, but the sentence contrasts two facts.

C. Correct: 'He wanted to leave, but he stayed until the end' — 'but' shows the contrast.

D. None of these is wrong, because 'but' is the answer.

49 English

Choose the correct narration :

- A. He said that he had not finished the cake. ✓ **Correct answer**
- B. He had said that he had not finished the cake
- C. He say that he had not finished the cake.
- D. None of these

A. Correct: 'I have not finished the cake,' he said, becomes 'He said that he had not finished the cake' — present perfect backshifts to past perfect in reported speech.

B. 'He had said' changes the reporting verb wrongly and repeats the past perfect.

C. 'He say' is ungrammatical — the reporting verb must be past tense here.

D. None of these is wrong, because the first sentence is the answer.

Question 50 English

Choose the correct punctuation:

- A. if she had a chance to travel she would visit many cities for example paris. ✓ **Correct answer**
- B. If she a chance to travel, she would visit many cities , for example: Paris
- C. Both
- D. None of these

A. Correct: this is the intended correct sentence — it has the right words ('had a chance', 'would visit', 'for example, Paris'), though the printed option lacks capitals; the other option omits 'had'.

B. This option omits 'had' ('If she a chance'), so it is ungrammatical.

C. Both cannot be right, because the second option is ungrammatical.

D. None of these is wrong, because the first sentence is the intended answer.

Both options are imperfect. A has the right words ("had") but no capitals; B has capitals but omits "had". A is the intended correct sentence and the printed key; filed A, B recorded as the alternative.

Question 51 English

Which of the following is a regular verb?

- A. Crawl ✓ **Correct answer**
- B. ate
- C. went
- D. ran

A. Correct: 'crawl' is a regular verb — its past tense is formed by adding -ed (crawled).

B. 'Ate' is the past tense of 'eat', an irregular verb.

C. 'Went' is the past tense of 'go', an irregular verb.

D. 'Ran' is the past tense of 'run', an irregular verb.

Question 52 English

Choose the correct passive voice form:

- A. Your responsibility will have been realized by you by them.
- B. Your responsibility will have been realized by them ✓ **Correct answer**
- C. Your responsibility will have been realized by you
- D. None of these

A. This has two agents ('by you by them'), which a passive sentence cannot have; the printed key is wrong.

B. Correct: the passive of 'They will have realized your responsibility' is 'Your responsibility will have been realized by them' — one agent only.

the wrong agent: the responsibility was realized by 'them', not by 'you'.

D. None of these is wrong, because the second sentence is the answer.

Note: Note: PRINTED KEY CORRECTED: PACE keys A ("...realized by you by them"). A passive cannot carry two agents; the correct future-perfect passive of "They will have realized your responsibility" is "...realized by them". The active sentence is not given in the reproduction; the choice is among the four passive forms.

Question 53 English

On thin ice means :

- A. On safe situation
- B. On risky situation ✓ **Correct answer**
- C. On danger zone
- D. None of these

A. A safe situation is the opposite of being on thin ice.

B. Correct: 'on thin ice' means in a risky situation, where one wrong step can cause trouble.

C. A danger zone is a place, not the meaning of the idiom 'on thin ice'.

D. None of these is wrong, because 'on risky situation' is the answer.

Question 54 Computer Science

In a URL, the .org extension indicates:

- A. Organization ✓ **Correct answer**
- B. Building
- C. Wide Area
- D. None of these

In a URL, the .org extension indicates an organization.

B. .org does not indicate a building.

C. .org does not indicate a wide area.

D. None of these is wrong, because 'organization' is the answer.

Question 55 Mathematics

(1 + 1/3)(1 + 1/4)(1 + 1/5)(1 + 1/6)...(1 + 1/49)(1 + 1/50) = ?

- A. 15
- B. 16
- C. 17 ✓ **Correct answer**
- D. 18

A. The product telescopes to 51 ÷ 3 = 17, not 15.

B. The product telescopes to 51 ÷ 3 = 17, not 16.

C. Correct: (1 + 1/3)(1 + 1/4)...(1 + 1/50) telescopes to 51/3 = 17, because each term (n+1)/n cancels with the next.

D. The product telescopes to 51 ÷ 3 = 17, not 18.

Question 56 Mathematics

Veronica has a bank account that earns m% interest compounded annually. If she opened the account with $200. The expression $ 200 (x)1 represent the amount in the account after 1 years. which of the following give x in terms of m?

- A. 1+ 0.001m
- B. 2+ 0.002m
- C. 3+ 0.003m
- D. None of these ✓ **Correct answer**

ct expression is 1 + 0.01m (1 + m/100), not 1 + 0.001m, so this option is wrong and the printed key is wrong.

B. 2 + 0.002m is not the amount after one year.

C. 3 + 0.003m is not the amount after one year.

D. Correct: after one year at m percent, the amount is 200(1 + m/100) = 200(1 + 0.01m), so x = 1 + 0.01m, which is not among options A to C — so 'None of these' is the answer.

Note: Note: PRINTED KEY CORRECTED: PACE keys A ("1 + 0.001m"). After one year at m% the amount is 200(1 + m/100) = 200(1 + 0.01m), so x = 1 + 0.01m, which is not among options A-C; "None of these" is correct.

Question 57 Mathematics

Parallelogram has a side 15cm and 10cm. Find the perimeter:

- A. 30cm
- B. 40cm
- C. 50cm ✓ **Correct answer**
- D. 60cm

A. The perimeter of a parallelogram with sides 15 cm and 10 cm is 2 × (15 + 10) = 50 cm, not 30 cm.

B. The perimeter is 50 cm, not 40 cm.

C. Correct: the perimeter is twice the sum of the two sides, 2 × (15 + 10) = 50 cm.

D. The perimeter is 50 cm, not 60 cm.

Question 58 Mathematics

Convert 90 km /hr into cm/min:

- A. 110000 cm / min

000 cm / min

- C. 130000 cm/ min
- D. 150000cm/min ✓ **Correct answer**

A. 90 km per hour is 150,000 cm per minute, not 110,000.

B. 90 km per hour is 150,000 cm per minute, not 120,000.

C. 90 km per hour is 150,000 cm per minute, not 130,000.

D. Correct: 90 km/hr = 90,000 m/hr = 9,000,000 cm/hr, and dividing by 60 gives 150,000 cm/min.

Question 59 Mathematics

Area of equilateral triangle is 243/16, find the length of side of triangle :

- A. 2/4
- B. 3/7
- C. 3/2
- D. 2/3

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (decided by assistant under owner's 8 Nov delegation: No option is correct: $(\sqrt{3}/4)a^2 = 243/16$ gives $a^2 = 243/(4\sqrt{3}) \approx 35.1$, $a \approx 5.92$, while the options are all below 2. The printed key C (3/2) only fits the stem "9√3/16". Decided by assistant under owner's 8 Nov delegation.)

Question 60 Mathematics

Two pole are in straight position of length 5cm and 12 cm. distance between base is 7cm. Find the distance between the tops?

- A. 12 m
- B. 13m ✓ **Correct answer**

- D. 15 m

A. 12 is not the distance between the tops in the classic 5-12-13 reading.

B. Correct: the printed key is 13 — the classic 5-12-13 triangle answer — and it is filed as the intended answer, though the stem as printed gives $\sqrt{98} \approx 9.9$, so the stem is evidently garbled in reproduction.

C. 14 is not the distance between the tops.

D. 15 is not the distance between the tops.

Note: Note: As printed the numbers give $\sqrt{(7^2 + 7^2)} = \sqrt{98} \approx 9.9$, which is not among the options, so the stem is evidently garbled in reproduction; the printed key B (13) is the classic 5-12-13 answer and is filed as the intended answer.

Question 61 Mathematics

If $y = (x + 1)(x + 6)$, how many times does it intercept the y-axis?

- A. once ✓ **Correct answer**
- B. second
- C. Third
- D. Fourth

A. Correct: $y = (x + 1)(x + 6)$ is a parabola, and a parabola crosses the y-axis exactly once, at $y = 6$.

B. A parabola does not cross the y-axis twice.

C. A parabola does not cross the y-axis three times.

D. A parabola does not cross the y-axis four times.

62 Mathematics

6 : ? :: 60 : 120

- A. 13
- B. 12 ✓ **Correct answer**
- C. 11
- D. 10

A. 6 : 13 is not equal to 60 : 120.

B. Correct: 6 : 12 = 60 : 120, because both ratios equal 1 : 2.

C. 6 : 11 is not equal to 60 : 120.

D. 6 : 10 is not equal to 60 : 120.

Question 63 Pakistan Studies

On 23 January 2020, Pakistan successfully launched a surface-to-surface ballistic missile:

- A. Ghaznavi ✓ **Correct answer**
- B. Ghauri
- C. Rahbar
- D. None of these

A. Correct: Pakistan successfully test-fired the Ghaznavi surface-to-surface ballistic missile on 23 January 2020.

B. The Ghauri missile was not the one launched on 23 January 2020.

C. Rahbar is not the missile launched on 23 January 2020.

D. None of these is wrong, because Ghaznavi is the answer.

64 Pakistan Studies

What did PIDE suggest as the USA imposed tariffs on Pakistan?

- A. Negotiations with the USA ✓ **Correct answer**
- B. Negotiations with the Russia
- C. Negotiations with the China
- D. None of these

A. Correct: PIDE (Pakistan Institute of Development Economics) suggested negotiations with the USA when the USA imposed tariffs on Pakistan.

B. PIDE did not suggest negotiations with Russia over the US tariffs.

C. PIDE did not suggest negotiations with China over the US tariffs.

D. None of these is wrong, because negotiations with the USA is the answer.

Question 65 Islamiat

Bani Israel ki tarf bhejay jany waly akhri nabi ka naam kia hy?

- A. Hazrat musa A.S
- B. Hazrat Essa A.S ✓ **Correct answer**
- C. Hazrat Ibrahim A.S
- D. None of these

A. Hazrat Musa (A.S.) was sent to Bani Israel, but he was not the last prophet sent to them.

B. Correct: Hazrat Isa (A.S.) was the last prophet sent to Bani Israel.

C. Hazrat Ibrahim (A.S.) came long before Bani Israel and was not sent to them as their last prophet.

D. None of these is wrong, because Hazrat Isa (A.S.) is the answer.

66 Islamiat

Ameen-ul-Ummat is the title of?

- A. Abu Ubaida Bin al Jirrah ✓ **Correct answer**
- B. Waleed bin khalid
- C. Zaid bin Haris
- D. None of these

A. Correct: Abu Ubaida bin al-Jarrah is known by the title Ameen-ul-Ummat (the Trustworthy One of the Ummah), given to him by the Holy Prophet.

B. Waleed bin Khalid does not hold the title Ameen-ul-Ummat.

C. Zaid bin Haris does not hold the title Ameen-ul-Ummat.

D. None of these is wrong, because Abu Ubaida bin al-Jarrah is the answer.

Question 67 Islamiat

Mu'awwidhatayn means?

- A. Two Surahs of the Quran ✓ **Correct answer**
- B. Three Surahs of the Quran
- C. Four Surahs of the Quran
- D. None of these

A. Correct: Mu'awwidhatayn means the two Surahs of refuge, Al-Falaq and An-Nas — the two Surahs recited for protection. The paper prints the term as 'Muazzatin'.

B. Mu'awwidhatayn refers to two Surahs, not three.

C. Mu'awwidhatayn refers to two Surahs, not four.

D. None of these is wrong, because two Surahs is the answer.

Note: Note: The paper prints "Muazzatin"; the term is Mu'awwidhatayn (المعوذتان), the two

Question 68 Islamiat

Who is the founder of Ummayad Dynasty ?

- A. Muawiyah bin Abu Sufyan ✓ **Correct answer**
- B. Zaid bin Haris
- C. Abu Ubaida
- D. None of these

A. Correct: Muawiyah bin Abu Sufyan founded the Umayyad Dynasty in 661 CE, after becoming Caliph.

B. Zaid bin Haris did not found the Umayyad Dynasty.

C. Abu Ubaida did not found the Umayyad Dynasty.

D. None of these is wrong, because Muawiyah bin Abu Sufyan is the answer.

Question 69 Islamiat

Name of the Quran script in Hazrat Usman's era?

- A. Hijazi Script ✓ **Correct answer**
- B. Saudi Script
- C. Both
- D. None of these

A. Correct: the Quran was written in the Hijazi script in the era of Hazrat Usman (R.A.), when the standard text was compiled.

B. There is no 'Saudi script' of the Quran from Hazrat Usman's era.

C. Both cannot be right, because the Saudi script is not a script of that era.

these is wrong, because the Hijazi script is the answer.

Question 70 Islamiat

Which conquest was led by Saad bin Abi Waqqas?

- A. Egypt
- B. Syria
- C. Iraq ✓ **Correct answer**
- D. None of these

A. Egypt was conquered under Amr ibn al-As, not by Saad bin Abi Waqqas.

B. Syria was conquered under Khalid bin al-Walid and Abu Ubaida, not by Saad bin Abi Waqqas; the printed key is wrong.

C. Correct: Saad bin Abi Waqqas led the conquest of Iraq, winning the Battle of al-Qadisiyyah in 636 CE and founding Kufa.

D. None of these is wrong, because Iraq is the answer.

Note: Note: PRINTED KEY CORRECTED: PACE keys B (Syria). Saad bin Abi Waqqas commanded the conquest of Iraq (al-Qadisiyyah, 636 CE) and Persia; Syria was conquered under Khalid bin al-Walid and Abu Ubaida.

Question 71 Islamiat

A hadith which is directly attributed to the Holy Prophet is called?

- A. Marfu ✓ **Correct answer**
- B. Maqtu
- C. Both
- D. None of these

A. Correct: a Marfu hadith is one directly attributed to the Holy Prophet, with a chain reaching him.

hadith stops at a Tabi'i (successor), not at the Prophet.

C. Both cannot be right, because Marfu and Maqtu are different categories.

D. None of these is wrong, because Marfu is the answer.

Question 72 Islamiat

Battle of Hunayn Expanded Muslim influence on which side of Arabia ?

- A. Eastern
- B. Western ✓ **Correct answer**
- C. Northern
- D. Southern

A. The Battle of Hunayn was fought near Ta'if in the west of Arabia, not in the east.

B. Correct: the Battle of Hunayn (630 CE) expanded Muslim influence in the western side of Arabia — the Hejaz, including Ta'if, which surrendered afterwards.

C. Hunayn was not fought in the north of Arabia.

D. Hunayn was not fought in the south of Arabia.

Question 73 Pakistan Studies

The Great Wall of Sindh is?

- A. Rani Kot fort ✓ **Correct answer**
- B. Chakwal Fort
- C. Both
- D. None of these

A. Correct: Ranikot Fort in Sindh is called the Great Wall of Sindh, because of its long walls.

B. Chakwal Fort is not the Great Wall of Sindh.

ot be right, because Chakwal Fort is not the Great Wall of Sindh.

D. None of these is wrong, because Ranikot Fort is the answer.

Question 74 Pakistan Studies

The Karachi-Chaman-Quetta Highway is known as?

- A. N20
- B. N25 ✓ **Correct answer**
- C. N30
- D. N35

A. N20 is the Karachi–Hyderabad motorway route, not the Karachi–Chaman–Quetta highway.

B. Correct: the Karachi–Chaman–Quetta Highway is the N25, the national highway running from Karachi through Quetta to Chaman.

C. N30 is not the Karachi–Chaman–Quetta highway.

D. N35 is the Karakoram Highway, not the Karachi–Chaman–Quetta highway.

Question 75 Pakistan Studies

The Neelum-Jhelum Hydropower Project is in?

- A. Muzaffarabad ✓ **Correct answer**
- B. Muzaffargarh
- C. Islamabad
- D. Lahore

A. Correct: the Neelum–Jhelum Hydropower Project is in Muzaffarabad, Azad Jammu and Kashmir, on the Neelum and Jhelum rivers.

B. The Neelum–Jhelum Project is not in Muzaffargarh.

m–Jhelum Project is not in Islamabad.

D. The Neelum–Jhelum Project is not in Lahore.

Question 76 General Knowledge

Pakistan is not the member of which organization?

- A. OIC
- B. SAARC
- C. UNO
- D. ASEAN ✓ **Correct answer**

A. Pakistan is a member of the OIC (Organisation of Islamic Cooperation).

B. Pakistan is a member of SAARC.

C. Pakistan is a member of the UNO (United Nations).

D. Correct: Pakistan is not a member of ASEAN (the Association of Southeast Asian Nations).

Question 77 Pakistan Studies

PCCC in agriculture stands for?

- A. Pakistan Central Cotton Committee ✓ **Correct answer**
- B. Pakistan Cotton Committee
- C. Pakistan Central Committee
- D. None of these

A. Correct: PCCC stands for Pakistan Central Cotton Committee, the body that works on cotton research and development.

B. PCCC does not stand for Pakistan Cotton Committee.

C. PCCC does not stand for Pakistan Central Committee.

hese is wrong, because Pakistan Central Cotton Committee is the answer.

Question 78 Pakistan Studies

Pak- China border agreement was held in the year?

- A. 1960
- B. 1961
- C. 1962
- D. 1963 ✓ **Correct answer**

A. The Pak–China border agreement was signed in 1963, not 1960.

B. The Pak–China border agreement was signed in 1963, not 1961.

C. The Pak–China border agreement was signed in 1963, not 1962.

D. Correct: the Pak–China border agreement was signed in March 1963.

Question 79 Pakistan Studies

Operation Gibraltar was held in the year?

- A. 1965 ✓ **Correct answer**
- B. 1970
- C. 1975
- D. 1980

A. Correct: Operation Gibraltar was launched by Pakistan in August 1965, during the 1965 war with India.

B. Operation Gibraltar was in 1965, not 1970.

C. Operation Gibraltar was in 1965, not 1975.

D. Operation Gibraltar was in 1965, not 1980.

80 Pakistan Studies

Who is the 14th president of Pakistan?

- A. Mamnoon Hussain
- B. Z.A Bhutto
- C. Asif Ali Zardari ✓ **Correct answer**
- D. None of these

A. Mamnoon Hussain was the 12th President of Pakistan, not the 14th.

B. Z.A. Bhutto was the 4th President of Pakistan, not the 14th.

C. Correct: Asif Ali Zardari is the 14th President of Pakistan, serving his second term from 2024.

D. None of these is wrong, because Asif Ali Zardari is the answer.

Question 81 General Knowledge

Rockies Mountain is in :

- A. South America
- B. North America ✓ **Correct answer**
- C. Africa
- D. Asia

A. The Rocky Mountains are not in South America.

B. Correct: the Rocky Mountains are in North America, running through the western United States and Canada.

C. The Rocky Mountains are not in Africa.

D. The Rocky Mountains are not in Asia.

82 General Knowledge

Which of the following is called the land of thousand lakes?

- A. Iceland
- B. Ireland
- C. Finland ✓ **Correct answer**
- D. None of these

A. Iceland is called the land of fire and ice, not the land of a thousand lakes.

B. Ireland is the Emerald Isle, not the land of a thousand lakes.

C. Correct: Finland is called the land of a thousand lakes, because of its many lakes.

D. None of these is wrong, because Finland is the answer.

Question 83 Pakistan Studies

The Salt Range is famous for?

- A. Gold
- B. Copper
- C. Coal ✓ **Correct answer**
- D. None of these

A. Gold is not what the Salt Range is famous for.

B. Copper is not what the Salt Range is famous for.

C. Correct: the Salt Range is famous for its coal deposits among the options given — its coal fields are mined in Punjab. The paper prints 'Sour range', evidently the Salt Range.

D. None of these is wrong, because coal is the answer.

Note: Note: The paper prints "Sour range", evidently the Salt Range, which is famous for its coal deposits among the options given.

84 General Knowledge

POA stands for ?

- A. Pakistan Olympic Association ✓ **Correct answer**
- B. Public Olympic Association
- C. Pakistan Orient Association
- D. None of these

A. Correct: POA stands for Pakistan Olympic Association, the body that manages Pakistan's Olympic participation.

B. POA does not stand for Public Olympic Association.

C. POA does not stand for Pakistan Orient Association.

D. None of these is wrong, because Pakistan Olympic Association is the answer.

Question 85 General Knowledge

Permanent secretariat to coordinate the action of SAARC is ?

- A. Dhaka
- B. Kathmandu ✓ **Correct answer**
- C. Geneva
- D. None of these

A. The permanent secretariat of SAARC is in Kathmandu, Nepal, not Dhaka.

B. Correct: the permanent secretariat of SAARC is in Kathmandu, the capital of Nepal.

C. The permanent secretariat of SAARC is not in Geneva.

D. None of these is wrong, because Kathmandu is the answer.

86 Pakistan Studies

Malakhra Game played in?

- A. Punjab
- B. Sindh ✓ **Correct answer**
- C. KPK
- D. Balochistan

A. Malakhra is not played mainly in Punjab.

B. Correct: Malakhra, the traditional Sindhi wrestling game, is played in Sindh.

C. Malakhra is not played mainly in Khyber Pakhtunkhwa.

D. Malakhra is not played mainly in Balochistan.

Question 87 Pakistan Studies

Population wise rank of Pakistan is ?

- A. 4th
- B. 5th ✓ **Correct answer**
- C. 6th
- D. 7th

A. Pakistan is the 5th most populous country, not the 4th.

B. Correct: Pakistan ranks 5th in the world by population, after India, China, the United States and Indonesia.

C. Pakistan ranks 5th by population, not 6th.

D. Pakistan ranks 5th by population, not 7th.

88 Pakistan Studies

As per 2024, poverty rate of Pakistan is ?

- A. 40 % ✓ **Correct answer**
- B. 30 %
- C. 20 %
- D. 10 %

A. Correct: as of 2024, the poverty rate of Pakistan was about 40 percent, according to the World Bank's estimates.

B. The poverty rate was about 40 percent, not 30 percent.

C. The poverty rate was about 40 percent, not 20 percent.

D. The poverty rate was about 40 percent, not 10 percent.

Question 89 General Knowledge

What does a standby agreement with the IMF aim at?

- A. Stability of the economy ✓ **Correct answer**
- B. Financial Growth
- C. Environment protection
- D. None of these

A. Correct: a standby agreement with the IMF aims at the stability of the economy — restoring balance of payments and macroeconomic stability.

B. Financial growth is a longer-term aim, not the direct purpose of a standby agreement.

C. Environment protection is not the aim of an IMF standby agreement.

D. None of these is wrong, because stability of the economy is the answer.

90 Pakistan Studies

In 2025 Pakistan has done a military drill with which country:

- A. Philippines
- B. Morocco ✓ **Correct answer**
- C. Egypt
- D. None of these

A. Pakistan did not hold a military drill with the Philippines in 2025.

B. Correct: Pakistan held a military drill with Morocco in 2025.

C. Pakistan did not hold a military drill with Egypt in 2025.

D. None of these is wrong, because Morocco is the answer.

Question 91 General Knowledge

One China principle means?

- A. There is only one country named as China and Taiwan is the part of China ✓ **Correct answer**
- B. China and Taiwan are separated
- C. Only on country Taiwan
- D. None of these

A. Correct: the One China principle means there is only one country named China, and Taiwan is part of China.

B. China and Taiwan are not separate countries under the One China principle.

C. There is not 'only one country Taiwan' under the One China principle.

D. None of these is wrong, because the first statement is the answer.

92 General Knowledge

Nuclear weapons ended the:

- A. Total war ✓ **Correct answer**
- B. Half world
- C. Both
- D. None of these

A. Correct: nuclear weapons ended the era of total war between great powers — no two nuclear-armed states have fought a full-scale total war, because the cost would be destruction on both sides.

B. Nuclear weapons did not end 'half the world'.

C. Both cannot be right, because 'half world' is not a term.

D. None of these is wrong, because total war is the answer.

Question 93 General Knowledge

Post Colonial state means :

- A. Which was a colony before ✓ **Correct answer**
- B. Which was a state before
- C. Which was a country before
- D. None of these

A. Correct: a post-colonial state is one which was a colony before independence.

B. A post-colonial state is not defined as one which was a state before.

C. A post-colonial state is not defined as one which was a country before.

D. None of these is wrong, because 'which was a colony before' is the answer.

94 General Knowledge

The headquarters of the IMF is in?

- A. New York
- B. Washington ✓ **Correct answer**
- C. Geneva
- D. Berlin

A. The IMF headquarters is not in New York.

B. Correct: the headquarters of the International Monetary Fund is in Washington, D.C., United States.

C. The IMF headquarters is not in Geneva.

D. The IMF headquarters is not in Berlin.

Question 95

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