Model Paper 28, case 45C2024 — 2024 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Model Paper 28, case 45C2024 · **Year:** 2024 · **Questions:** 20 in the original paper — **20 solved and verified**, none excluded · **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 2024 sitting.

Source note: test360.pk full keyed reproduction, 'Model Paper 28 45C2024 30-11-2024' (20 questions numbered 1-20, all 20 with a single printed key; accessed 9 Nov 2026). No built paper of this sitting exists. No printed key was corrected; 4 PICK-ONE (Q10, Q14, Q15, Q19), decided by the assistant under the owner's 8 Nov 2026 delegation. Answers verified independently against reference facts, worked derivations and targeted sources, never from the printed key alone.

Question 1 English

I wish my father ---- alive today.

- A. Was
- B. Were ✓ **Correct answer**
- C. Is
- D. Has

A. 'Was' does not follow 'I wish' for a present unreality.

B. 'I wish my father were alive today' uses the subjunctive 'were' for a wish about the

C. 'Is' states a present fact, not a wish.

D. 'Has' does not fit the sentence at all.

Question 2 English

Analogy Army: General::----

- A. Team : Captain ✓ **Correct answer**
- B. Team : Member
- C. Club : Member
- D. Corporal: Squad

A. An army is led by a general, just as a team is led by a captain.

B. A team member is not the leader of the team.

C. A club member is not the leader of the club.

D. A corporal is below a squad leader in rank, so the order is reversed.

Question 3 English

What is the opposite meaning of the word "Climax"

- A. Peak
- B. Increase
- C. Rise
- D. Bottom ✓ **Correct answer**

A. Peak is a synonym of climax, not its opposite.

B. Increase is a near-synonym of climax, not its opposite.

C. Rise is a near-synonym of climax, not its opposite.

x is the highest point, so its opposite is the bottom (the lowest point). Built 37gg keys the identical stem to Bottom.

Question 4 Everyday Science

Headache,eyes and nose irritation is due to ----?

- A. Air pollution ✓ **Correct answer**
- B. Water pollution
- C. Noise pollution
- D. Soil pollution

A. Headache and eye and nose irritation are classic effects of air pollution.

B. Water pollution causes stomach and waterborne disease, not eye and nose irritation.

C. Noise pollution causes hearing problems, not eye and nose irritation.

D. Soil pollution affects crops and soil, not the eyes and nose.

Question 5 Pakistan Studies

The founder of Pakistan people's party was:

- A. Benazir Bhutto
- B. Asif Ali Zardari
- C. Zulfiqar Ali Bhutto ✓ **Correct answer**
- D. Zia UL Haq

A. Benazir Bhutto led the PPP later; she did not found it.

B. Asif Ali Zardari led the PPP later; he did not found it.

C. Zulfikar Ali Bhutto founded the Pakistan People's Party in 1967.

D. Zia-ul-Haq was a military ruler, not the PPP's founder.

6 Pakistan Studies

Which Indonesia president supported Pakistan in the 1965 indo-pak war?

- A. Sukarno ✓ **Correct answer**
- B. Suharto
- C. Abdul Rahman
- D. Joko widodo

A. President Sukarno of Indonesia supported Pakistan in the 1965 war.

B. Suharto came to power after 1965 and did not support Pakistan in that war.

C. Abdul Rahman was not the Indonesian president in 1965.

D. Joko Widodo is a much later president (2014-2024).

Question 7 Pakistan Studies

When did the well - known Rann of Kutch arbitration take place?

- A. 1947
- B. 1958
- C. 1960
- D. 1965 ✓ **Correct answer**

A. The Rann of Kutch dispute arose in 1965, not 1947.

B. 1958 is not the year of the Rann of Kutch arbitration.

C. 1960 is not the year of the Rann of Kutch arbitration.

D. The Rann of Kutch arbitration followed the 1965 agreement between Pakistan and India, with the tribunal set up in 1965.

Name the range which separates Pakistan from Afghanistan?

- A. Hindu Kush range ✓ **Correct answer**
- B. Himalaya Range
- C. Pamir Range
- D. Karakoram range

A. The Hindu Kush range separates Pakistan from Afghanistan.

B. The Himalaya range is to the east, not between Pakistan and Afghanistan.

C. The Pamir range is further north, at the junction of several countries.

D. The Karakoram range is between Pakistan and China, not Afghanistan.

Question 9 General Knowledge

Greenwich time starts from------?

- A. London ✓ **Correct answer**
- B. New York
- C. Tokyo
- D. Paris

A. Greenwich Mean Time starts from London (the Royal Observatory, Greenwich).

B. New York is not the prime meridian.

C. Tokyo is not the prime meridian.

D. Paris is not the prime meridian.

Question 10 General Knowledge

Which sea separates Asia from Europe?

sea

- B. Mediterranean ✓ **Correct answer**
- C. Aegean sea
- D. Caspian sea

A. The Red Sea separates Africa from Arabia, not Asia from Europe.

B. The Mediterranean is the bank-standard answer for the sea separating Asia from Europe.

C. The Aegean Sea directly separates Europe (Greece) from Asia (Turkey), so it is geographically the sharper answer.

D. The Caspian Sea is a landlocked lake between Asia and Europe, not the sea in the question.

Note: Note: PICK-ONE — the Mediterranean is the standard bank answer, but the Aegean directly separates Greece (Europe) from Turkey (Asia); printed B kept. Decided by assistant under owner's 8 Nov 2026 delegation.

Question 11 General Knowledge

Where is the Pisa tower located?

- A. Italy ✓ **Correct answer**
- B. France
- C. Spain
- D. Germany

A. The Leaning Tower of Pisa is in Pisa, Italy.

B. It is not in France.

C. It is not in Spain.

D. It is not in Germany.

12 Everyday Science

In the solar system,all objects revolve around -----?

- A. Sun ✓ **Correct answer**
- B. Earth
- C. Moon
- D. Jupiter

A. All objects in the solar system revolve around the Sun.

B. Objects do not revolve around the Earth.

C. Objects do not revolve around the Moon.

D. Objects do not revolve around Jupiter.

Question 13 English

Choose the correct option of the reported speech . He said ,"Hurrah! I have won the match"!

- A. He exclaimed with joy that he had won the match. ✓ **Correct answer**
- B. He said with joy that he had won the match.
- C. Hr exclaimed with joy he had won the match
- D. He exclaimed with joy that he has won the match.

A. 'He exclaimed with joy that he had won the match' is the correct reported speech for 'Hurrah! I have won the match'. Built 37gz keys the same text the same way.

B. 'He said with joy' misses the exclamation ('Hurrah!') that calls for 'exclaimed'.

C. This drops 'that' and is ungrammatical ('Hr' is also a misprint).

D. 'Has won' keeps the present tense, but reported speech shifts it to the past ('had won').

14 Computer Science

Wat was the main disadvantage of vacuum tubes?

- A. They were large in size ✓ **Correct answer**
- B. They consumed a lot of electricity
- C. They produced heat and often burned out
- D. The operation cost was high

A. Vacuum tubes were physically large (bulky), the usual first-listed drawback.

B. They did consume a lot of electricity, which is also a true disadvantage.

C. They did produce heat and often burned out, which is also a true disadvantage.

D. Their operation cost was high, which is also true.

Note: Note: PICK-ONE — vacuum tubes were large, power-hungry, hot and failure-prone, so several options are true disadvantages; printed A kept. Decided by assistant under owner's 8 Nov 2026 delegation.

Question 15 Computer Science

Who first introduced the computer software?

- A. Bill Gates
- B. Charles Babbage
- C. Ada Lovelace ✓ **Correct answer**
- D. John von Neumann

A. Bill Gates founded Microsoft; he did not write the first program.

B. Charles Babbage designed the Analytical Engine; he did not write the first software.

C. Ada Lovelace wrote the first algorithm (program) for Babbage's Analytical Engine in the 1840s, so she is the standard answer for the first software.

Neumann worked on computer architecture later; he did not introduce the first software.

Note: Note: PICK-ONE — Lovelace wrote the first program, but 'introduced the computer software' is loose wording; printed C kept. Decided by assistant under owner's 8 Nov 2026 delegation.

Question 16 Pakistan Studies

The Shimla Agreement between Pakistan and India was signed on:

- A. 2 June 1972
- B. 12 June 1972
- C. 2 July 1972 ✓ **Correct answer**
- D. 12 July 1972

A. The Shimla Agreement was not signed on 2 June 1972.

B. It was not signed on 12 June 1972.

C. The Shimla Agreement between Pakistan and India was signed on 2 July 1972. Built 37qp keys the same stem to 1972.

D. It was not signed on 12 July 1972.

Question 17 Mathematics

A man who owned 3/8 of a business,sold 2/3 of his share. What part of the entire business did he sell?

- A. 1/3
- B. 1/4 ✓ **Correct answer**
- C. 1/6
- D. 3/8

A. 3/8 x 2/3 = 6/24 = 1/4, not 1/3.

3 of his 3/8 share. 3/8 x 2/3 = 6/24 = 1/4 of the whole business.

C. 1/6 is not the product of 3/8 and 2/3.

D. 3/8 is his original share, not the part sold.

Question 18 Mathematics

What is the sum of interior angles of an n-sided polygon?

- A. (n-2)×180° ✓ **Correct answer**
- B. (n+2)×180°
- C. n×180°
- D. None

A. The sum of the interior angles of an n-sided polygon is (n-2) x 180 degrees.

B. (n+2) x 180 degrees is not the formula.

C. n x 180 degrees is not the formula.

D. There is a correct formula, so 'None' is wrong.

Question 19 Urdu

بھان متی کے کنبے سے کیا مراد ہے ؟

Correct answer ✓ A. شور مچانے والوں کا گروہ

B. تباہی مچانے والے

C. احمق لوگ

D. ان میں سے کوئی نہیں

A. 'Bhanmati ka kunba' means a mixed, incongruous crowd — closest to a group making a noise together.

t mean people who cause destruction.

C. It does not mean foolish people.

D. One of the options is the closest fit, so 'none of these' is wrong.

Note: Note: PICK-ONE — 'Bhanmati ka kunba' means a mixed, ill-assorted crowd; of the options A is the closest fit. Decided by assistant under owner's 8 Nov 2026 delegation.

Question 20 Urdu

خدا خدا کر کے قواعد کی رو سے کیا ہے ؟

Correct answer ✓ A. روزمرہ

B. محاورہ

C. ضرب الامثال

D. ان میں سے کوئی نہیں

A. 'Khuda Khuda kar ke' is a rozmarra (a colloquial, everyday expression).

B. It is not a mahawra (idiom with a figurative meaning).

C. It is not a zarb-ul-masal (proverb).

D. It is a rozmarra, so 'none of these' is wrong.

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