Labour Officer (BS-16) (Evening), Labour & Human Resource Department — 2025 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Labour Officer (BS-16) (Evening), Labour & Human Resource Department · **Year:** 2025 · **Questions:** 97 in the original paper — **92 solved and verified**, 5 excluded as defective (Q28, Q66, Q67, Q96, Q97) · **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: GK360, 'Labour Officer (BS-16) Past Paper 2025 Solved MCQs with Answers' (accessed 11 Nov 2026; page states '97 MCQs', serves 97 numbered question cards, each with a printed key, all 4-option). Every printed key was verified independently (own knowledge + targeted web searches for the doubtful items) under the owner's 8 Nov 2026 standard. 1 printed key corrected (Q53: C Internal Heat -> B Specific heat, physiology textbook: 'the amount of heat required to elevate body temperature by 1°C is termed the specific heat of the body'); 5 items DEFECTIVE-excluded (Q28 — B Thar Power and C Power Generation both describe Thar Block III's documented 1,320 MW power-station objective, printed key A gasification unsupported; Q66 — coincident lines meet at infinitely many points, 'No Points' wrong; Q67 — A 9 & 19 and B 19 & 9 are the same pair; Q96 — a Tabi'i narration is Maqtu', not offered, option B Maqut is not a term; Q97 — Farewell Sermon abolished both blood feuds A and pre-Islamic customs D). Distinct from any live paper — dedup screened: 2 exact hits + 1 first-8 hit (generic one-liners); fuzzy max 3 stems >=0.90 / 23 >=0.55 vs live 37ay (morning session of the same day) — sibling signature, not a duplicate. Sitting confirmed by the GK360 page's own meta description ('past paper held

.5) + Ed.110 Paper 209 (Labour Officer 16.11.2025). Case number NOT established — NOT asserted.

Question 1 General Knowledge

In which state of the USA is the largest number of lakes found?

- A. Minnesota
- B. Alaska ✓ **Correct answer**
- C. Washington
- D. Hawaii

A. Minnesota is the "Land of 10,000 Lakes" with about 11,842 lakes, far fewer than Alaska.

B. Alaska has over 3 million lakes, more than any other US state.

C. Washington has far fewer lakes than Alaska.

D. Hawaii has very few natural lakes.

Question 2 Current Affairs

How many years did Angela Merkel serve as Chancellor of Germany?

- A. 12
- B. 14
- C. 16 ✓ **Correct answer**
- D. 20

A. Merkel served longer than 12 years.

B. Merkel served longer than 14 years.

C. Angela Merkel was Chancellor of Germany from 22 November 2005 to 8 December 2021, sixteen years.

D. Merkel served 16 years, not 20.

3 General Knowledge

Who performed the first successful powered air flight?

- A. Einstein
- B. Tesla
- C. Wright Brothers ✓ **Correct answer**
- D. Franklin

A. Albert Einstein was a physicist, not an aviator.

B. Nikola Tesla was an electrical inventor, not an aviator.

C. Orville and Wilbur Wright made the first successful powered flight at Kitty Hawk on 17 December 1903.

D. Benjamin Franklin was an 18th-century polymath who lived long before powered flight.

Question 4 General Knowledge

Which city is known as the 'City of Lights'?

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

A. Rome is the "Eternal City".

B. New York is the "Big Apple".

C. London carries no "City of Lights" nickname.

D. Paris is the "City of Lights" (La Ville Lumière).

5 Current Affairs

In which year did India revoke the special status of Jammu and Kashmir under Article 370?

- A. 5 Aug 2020
- B. 5 Aug 2021
- C. 5 Nov 2019
- D. 5 Aug 2019 ✓ **Correct answer**

A. A year after the revocation.

B. Two years after the revocation.

C. The wrong month; the revocation was in August.

D. India revoked Article 370 on 5 August 2019.

Question 6 General Knowledge

Arena-style sports in which people sit in tiered seating are held in a:

- A. Stadium ✓ **Correct answer**
- B. Gymnasium
- C. Swimming Pool
- D. Wrestling Arena

A. A stadium is the arena with tiered seating for sports.

B. An indoor hall for exercise, not a tiered arena.

C. For swimming, not a tiered arena.

D. For wrestling only, not the general term.

7 Islamic Studies

What was the capital city of the Umayyad dynasty?

- A. Kufa
- B. Madina Pak
- C. Damascus ✓ **Correct answer**
- D. Makkah

A. An Iraqi city, not the Umayyad capital.

B. The holy city, not the Umayyad capital.

C. Damascus was the capital of the Umayyad Caliphate (661–750).

D. The holy city, not the Umayyad capital.

Question 8 Geography

The Himalaya mountain range passes through how many countries?

- A. 5 ✓ **Correct answer**
- B. 4
- C. 3
- D. 2

A. The Himalayas pass through Bhutan, China, India, Nepal and Pakistan.

B. One of the five countries is missing.

C. Too few.

D. Far too few.

Question 9 General Knowledge

Who is the famous leader of South Africa known for his anti-apartheid policy?

bo Mbeki

- B. Motlanthe
- C. Nelson Mandela ✓ **Correct answer**
- D. Jacob Zuma

A. Mbeki succeeded Mandela as president of South Africa.

B. Kgalema Motlanthe was a later caretaker president.

C. The anti-apartheid leader who became South Africa's first democratic president in 1994.

D. A later president of South Africa.

Question 10 General Knowledge

The Byzantine Empire was a successor of which empire?

- A. Rival Empire
- B. Prior Empire
- C. Roman Empire ✓ **Correct answer**
- D. Predecessor Empire

A. Not a real empire.

B. Vague, not the answer.

C. The Byzantine Empire was the eastern continuation of the Roman Empire.

D. Vague, not the answer.

Question 11 Islamic Studies

Who defeated the Abbasids?

- A. Seljuks ✓ **Correct answer**
- B. Mamluks
- C. Slave Dynasty

ne of these

A. The Seljuk Turks under Tughril Beg took Baghdad in 1055 and reduced the Abbasid caliph to a figurehead; the standard bank answer.

B. The Mamluks defeated the Mongols at Ain Jalut; they did not defeat the Abbasids.

C. The Slave (Mamluk) dynasty of the Delhi Sultanate, unrelated to the Abbasids.

D. The Seljuks are offered and are the intended answer.

Question 12 Current Affairs

Who won the BBC Sports Personality of the Year award for 2020?

- A. Jordan Henderson
- B. Hollie Doyle
- C. Lewis Hamilton ✓ **Correct answer**
- D. Stuart Broad

A. The footballer was not the 2020 winner.

B. The jockey finished third in 2020, not first.

C. Lewis Hamilton won the BBC Sports Personality of the Year award in 2020, the year of his seventh Formula 1 world title.

D. The cricketer was not the 2020 winner.

Question 13 Current Affairs

What does BECA stand for?

- A. Bilateral Exchange and Cooperation Agreement
- B. Basic Exchange and Cooperation Agreement ✓ **Correct answer**
- C. Bilateral Exchange and Counter Agreement
- D. None of these

is wrong, the expansion begins with "Basic".

B. BECA, the 2020 India–US agreement, stands for Basic Exchange and Cooperation Agreement.

C. Wrong words throughout.

D. B is the correct expansion.

Question 14 Pakistan Studies

In which museum is the statue of the 'Fasting Buddha' located?

- A. Lahore Museum ✓ **Correct answer**
- B. Taxila Museum
- C. Karachi Museum
- D. Rawalpindi Museum

A. The famous Gandhara "Fasting Buddha" statue is the pride of the Lahore Museum.

B. Taxila Museum holds Gandhara art but not the Fasting Buddha.

C. The National Museum in Karachi does not hold the Fasting Buddha.

D. No such famous statue is held there.

Question 15 Pakistan Studies

Who was the third Prime Minister of Pakistan?

- A. Liaquat Ali Khan
- B. Khawaja Nazimuddin
- C. Muhammad Ali Bogra ✓ **Correct answer**
- D. Chaudhry Muhammad Ali

A. The first Prime Minister of Pakistan.

d Prime Minister.

C. The third Prime Minister (1953–1955).

D. The fourth Prime Minister.

Question 16 Pakistan Studies

Operation Zarb-e-Azb started in 2014 in which area of Pakistan?

- A. North Waziristan ✓ **Correct answer**
- B. Balochistan
- C. Sindh
- D. Kashmir

A. Operation Zarb-e-Azb was launched in June 2014 in North Waziristan.

B. Not the theatre of this operation.

C. Not the theatre of this operation.

D. Not the theatre of this operation.

Question 17 Pakistan Studies

Who popularized the Two-Nation Theory in the modern era?

- A. Sir Syed Ahmad Khan ✓ **Correct answer**
- B. Muhammad Ali Jinnah
- C. Allama Iqbal
- D. Altaf Hussain Hali

A. Sir Syed first articulated the two-nation idea in the modern era in the 1860s–1870s.

B. Jinnah later championed the theory politically.

C. Iqbal articulated the Muslim state idea in 1930.

d biographer of Sir Syed, not the originator of the theory.

Question 18 Pakistan Studies

The Aligarh Movement was started by:

- A. Rehmat Ali
- B. Muhammad Ali Johar
- C. Sir Syed Ahmad Khan ✓ **Correct answer**
- D. Allama Iqbal

A. Chaudhry Rehmat Ali coined the name "Pakistan" in 1933.

B. A Khilafat Movement leader.

C. Sir Syed founded the Aligarh Movement and the MAO College.

D. The poet-philosopher, not the founder of the Aligarh Movement.

Question 19 Pakistan Studies

In which year was the Legal Framework Order (LFO) issued by Yahya Khan?

- A. 1969
- B. 1971
- C. 1970 ✓ **Correct answer**
- D. 1974

A. Yahya Khan took power in 1969, but the LFO was issued the following year.

B. The general elections under the LFO were held in December 1970, not 1971.

C. The Legal Framework Order was issued on 30 March 1970.

D. Far too late.

20 Pakistan Studies

In which year was the first census of Pakistan held?

- A. 1947
- B. 1948
- C. 1950
- D. 1951 ✓ **Correct answer**

A. The independence year; no census was held.

B. No census was held in 1948.

C. No census was held in 1950.

D. Pakistan's first census was held in 1951.

Question 21 Pakistan Studies

In which year was the First Five-Year Plan given?

- A. 1950
- B. 1953
- C. 1955 ✓ **Correct answer**
- D. 1958

A. No five-year plan existed in 1950.

B. The plan was still being drafted.

C. The First Five-Year Plan (1955–1960) was launched in 1955.

D. The year of martial law, not the plan.

Question 22 Pakistan Studies

In which year did the Battle of Plassey take place?

- B. 1757 ✓ **Correct answer**
- C. 1760
- D. 1767

A. Two years before the battle.

B. The Battle of Plassey was fought on 23 June 1757.

C. Three years after the battle.

D. Ten years after the battle.

Question 23 Pakistan Studies

Which Mughal Emperor introduced the Mansabdari system?

- A. Jahangir
- B. Akbar ✓ **Correct answer**
- C. Shahjahan
- D. Aurangzeb

A. Akbar's son; he inherited the system, he did not introduce it.

B. Akbar introduced the Mansabdari system.

C. A later Mughal emperor.

D. A later Mughal emperor.

Question 24 Pakistan Studies

Which country acted as an arbitrator in the Indo-Pak War of 1965?

- A. China
- B. USSR ✓ **Correct answer**
- C. USA

A. China was Pakistan's ally, not the arbitrator.

B. The Soviet Union brokered the Tashkent Agreement of January 1966 that ended the 1965 war.

C. The USA was not the arbitrator.

D. The UK was not the arbitrator.

Question 25 Pakistan Studies

Who presented the idea of an independent Muslim state in 1930?

- A. Quaid-e-Azam
- B. Muhammad Ali Johar
- C. Rehmat Ali
- D. Allama Iqbal ✓ **Correct answer**

A. Jinnah led the Pakistan Movement later; the 1930 idea was Iqbal's.

B. A Khilafat leader, not the author of the 1930 idea.

C. Rehmat Ali coined the name "Pakistan" in 1933.

D. Iqbal presented the idea of an independent Muslim state in his Allahabad address of 1930.

Question 26 Pakistan Studies

The Environment Department has been renamed as:

- A. Environment Force
- B. EPA ✓ **Correct answer**
- C. Carbon Emission Force
- D. Environment Protection Authority

ody exists.

B. The Environment Protection Agency is the environment authority (Punjab EPA), the standard bank answer.

C. No such body exists.

D. Close in name, but the bank answer is EPA.

Question 27 Pakistan Studies

The 8th Amendment to the Constitution of Pakistan is related to which article?

- A. 57(2)(b)
- B. 58(b)
- C. 58(2)(b) ✓ **Correct answer**
- D. 59(2)(b)

A. The wrong article.

B. An incomplete citation.

C. The 8th Amendment (1985) inserted Article 58(2)(b), the President's power to dissolve the National Assembly.

D. The wrong article.

Question 28 Pakistan Studies

What is the primary objective of the Coal Block 3 project?

- A. Coal Gasification for power
- B. Thar Power
- C. Power Generation
- D. Mining Purpose

No answer is given for this question, and none is taught. DEFECTIVE-excluded

ssistant under the owner's 8 Nov 2026 delegation (see verification summary). No answer taught: the documented objective of Thar Block III is a 1,320 MW mine-mouth coal power station, so both B and C describe it — no unique answer; the printed key A (Coal Gasification) is unsupported by any source.

A. No source links Thar Block III to coal gasification; the project is a coal-fired power station, so this printed key is unsupported.

B. Thar Block III is a 1,320 MW mine-mouth power station (Asia Power Group, Blocks 3A & 3B), so "Thar Power" correctly describes its objective.

C. The same documented objective: power generation.

D. Mining is the means (coal extraction), not the project's objective. **DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation.** The item has no unique answer: B and C both correctly describe the documented objective (a 1,320 MW power station), and the printed key A is unsupported by any source.

Question 29 Pakistan Studies

The ML1 Railway project is being constructed under which initiative?

- A. World Bank
- B. CPEC ✓ **Correct answer**
- C. IMF
- D. Asian Development Bank

A. The World Bank is not the sponsor of the ML-1 upgradation.

B. The ML-1 (Main Line 1) railway upgradation is a China-Pakistan Economic Corridor project.

C. The IMF is not involved in ML-1.

D. The ADB is not the ML-1 sponsor.

30 Pakistan Studies

Which countries are included in the CASA-1000 energy project?

- A. Tajikistan, Pakistan, India
- B. Pakistan, India, China
- C. Tajikistan, Pakistan, Afghanistan ✓ **Correct answer**
- D. Tajikistan, Pakistan, China

A. India is not part of CASA-1000.

B. Neither India nor China is part of CASA-1000.

C. Three of the four CASA-1000 countries (the fourth, Kyrgyzstan, is not offered in any option).

D. China is not part of CASA-1000.

Question 31 Current Affairs

Which athlete is known for javelin throw representing Pakistan?

- A. Arshad Nadeem ✓ **Correct answer**
- B. Talha Talib
- C. Muhammad Asif
- D. Hassan Abdullah

A. Pakistan's Olympic javelin champion (gold, Paris 2024, with an Olympic record throw).

B. A weightlifter, not a javelin thrower.

C. A snooker player.

D. Not a javelin thrower.

32 Pakistan Studies

The 1953 Lahore riots occurred due to:

- A. Constitution
- B. Ahmadiya Issue ✓ **Correct answer**
- C. Women's Rights
- D. None of these

A. The Constitution was not the cause of the 1953 riots.

B. The 1953 Lahore riots were triggered by the anti-Ahmadiya movement demanding that Ahmadis be declared non-Muslims.

C. Not the cause of the 1953 riots.

D. B is the cause.

Question 33 Current Affairs

Who was the Chief Justice of Pakistan in April 2025?

- A. Yahya Afridi ✓ **Correct answer**
- B. Qazi Faez Isa
- C. Umar Ata Bandial
- D. Gulzar Ahmed

A. Chief Justice of Pakistan since 26 October 2024, in office in April 2025.

B. Retired on 25 October 2024.

C. Retired in September 2023.

D. Retired in February 2022.

34 Current Affairs

Ayesha A. Malik is known for being the:

- A. First female CJ of the Supreme Court
- B. First female Judge in the Supreme Court ✓ **Correct answer**
- C. First female CJ of a High Court
- D. First female Attorney General

A. No woman has been Chief Justice of the Supreme Court of Pakistan.

B. Justice Ayesha A. Malik was appointed in January 2022 as the first woman judge of the Supreme Court of Pakistan.

C. She never served as a High Court Chief Justice.

D. No woman has held that office.

Question 35 Current Affairs

Who is the current President of the ICJ (as of 2025)?

- A. James Mates
- B. Abdul Qawi
- C. Yuji Iwasawa ✓ **Correct answer**
- D. Nawaf Salam

A. Not a judge of the International Court of Justice.

B. ICJ judge Abdulqawi Yusuf, not the President in 2025.

C. Yuji Iwasawa became President of the ICJ on 3 March 2025, after Nawaf Salam resigned in January 2025 to become Prime Minister of Lebanon.

D. ICJ President in 2024, but he left the Court in January 2025.

36 Current Affairs

The Roshan Samaji Khidmat program was launched by the Government of Pakistan for:

- A. Farmers
- B. Industrialists
- C. Overseas Pakistanis ✓ **Correct answer**
- D. Labour Workers

A. Not the target group of this program.

B. Not the target group of this program.

C. Roshan Samaaji Khidmat is the State Bank of Pakistan initiative that lets Non-Resident Pakistanis donate and pay Zakat through their Roshan Digital Account.

D. Not the target group of this program.

Question 37 Current Affairs

For which period was Pakistan elected as a member of the UN Human Rights Council?

- A. 2024-2026
- B. 2025-2027
- C. 2026-2028 ✓ **Correct answer**
- D. 2025-2026

A. Pakistan's previous Council term, not the newly elected one.

B. Not the term Pakistan was elected for.

C. Pakistan was elected in October 2025 to the UN Human Rights Council for the term 2026–2028.

D. Not a Human Rights Council term.

38 Current Affairs

Who is the permanent representative of Pakistan to the UNO (as of 2025)?

- A. Maleeha Lodhi
- B. Asad Majeed
- C. Munir Akram
- D. Asim Iftikhar ✓ **Correct answer**

A. An earlier Permanent Representative (2015–2019).

B. An earlier Permanent Representative (2023–2025).

C. Permanent Representative 2019–2025, until March 2025.

D. Pakistan's Permanent Representative to the United Nations since April 2025.

Question 39 Current Affairs

Which country promised to hire 150,000 labourers from Pakistan as human resources?

- A. Belarus ✓ **Correct answer**
- B. Kenya
- C. South Africa
- D. UAE

A. In April 2025, during PM Shehbaz Sharif's visit to Minsk, Belarus agreed to take 100,000–150,000 Pakistani specialists/workers (President Lukashenko's invitation; Pakistan Observer, 12 April 2025).

B. No such agreement with Kenya.

C. No such agreement with South Africa.

D. A major destination for Pakistani workers, but not the country behind the 150,000 figure.

According to the IMF, what is the estimated GDP growth rate of Pakistan in 2025?

- A. 2%
- B. 4%
- C. 3% ✓ **Correct answer**
- D. 5%

A. Below the IMF's estimate for 2025.

B. Above the IMF's estimate for 2025.

C. The IMF's World Economic Outlook (October 2024) projected Pakistan's GDP growth at 3.0% for 2025; the nearest offered figure.

D. Far above the IMF's estimate.

Question 41 Current Affairs

The Chief of Pakistan Air Force visited which country for air cooperation in April 2025?

- A. Japan
- B. Romania
- C. China ✓ **Correct answer**
- D. USA

A. Not the country visited in April 2025.

B. Not the country visited in April 2025.

C. Air Chief Marshal Zaheer Ahmed Baber Sidhu visited Beijing on 8–11 April 2025, meeting the Chinese Defence Minister and the PLAAF Commander for air cooperation (ISPR, 11 April 2025).

D. Not the country visited in April 2025.

42 Geography

What is the highest mountain in Africa?

- A. Mount Kenya
- B. Stanley
- C. Kilimanjaro ✓ **Correct answer**
- D. None of these

A. The second-highest mountain in Africa.

B. Mount Stanley in the Rwenzori range is lower than Kilimanjaro.

C. Mount Kilimanjaro (5,895 m) is the highest mountain in Africa.

D. C is correct.

Question 43 Geography

Where is Lake Malawi located?

- A. Mozambique ✓ **Correct answer**
- B. Kenya
- C. Rwanda
- D. Egypt

A. Lake Malawi is bordered by Malawi, Mozambique and Tanzania; of the offered countries only Mozambique borders the lake (Malawi itself is not offered).

B. Kenya does not border Lake Malawi.

C. Rwanda does not border Lake Malawi.

D. Egypt does not border Lake Malawi.

44 Geography

Which city is called the 'Home of the UN'?

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

A. New York is the UN headquarters, not the "Home of the UN" in the bank answer.

B. Washington is not a seat of the UN.

C. Rome hosts the FAO, not the UN's European home.

D. Geneva is home to the UN Office at Geneva, the UN's European headquarters, and is commonly called the home of the UN.

Question 45 Geography

Which line divides the Northern and Southern Hemispheres?

- A. Equator ✓ **Correct answer**
- B. Line of Axis
- C. Eastern Point
- D. None of these

A. The Equator divides the Northern and Southern Hemispheres.

B. The Earth's axis, not a line dividing the hemispheres.

C. A meaningless option.

D. A is correct.

46 Geography

What is a line on a weather map connecting points of equal atmospheric pressure called?

- A. Isohyet
- B. Isobar ✓ **Correct answer**
- C. Bar
- D. None of these

A. A line joining points of equal rainfall.

B. A line on a weather map joining points of equal atmospheric pressure.

C. A unit of pressure, not a line on a map.

D. B is correct.

Question 47 Everyday Science

Agricultural land is converted to desert due to:

- A. Erosion
- B. Desertification ✓ **Correct answer**
- C. Overgrazing
- D. Deforestation

A. Erosion removes soil, but it is not the name of the process by which land becomes desert.

B. Desertification is the process by which fertile agricultural land becomes desert.

C. A cause of desertification, not the process itself.

D. A cause of desertification, not the process itself.

48 Everyday Science

Who discovered Penicillin in 1928?

- A. Edward Jenner
- B. Alexander Fleming ✓ **Correct answer**
- C. Louis Pasteur
- D. Charles Darwin

A. Jenner developed the smallpox vaccine.

B. Fleming discovered penicillin in 1928.

C. Pasteur developed germ theory and pasteurisation.

D. Darwin proposed the theory of evolution.

Question 49 Everyday Science

Who discovered the Smallpox vaccine?

- A. Alexander Fleming
- B. Edward Jenner ✓ **Correct answer**
- C. Jonas Salk
- D. Robert Hooke

A. Fleming discovered penicillin.

B. Jenner developed the smallpox vaccine in 1796.

C. Salk developed the polio vaccine.

D. Hooke worked on microscopy and cells.

Question 50 Everyday Science

The ultimate fate of a star in its life cycle depends on its:

- B. Mass ✓ **Correct answer**
- C. Chemical composition
- D. None of these

A. A star's temperature affects its behaviour but does not decide its ultimate fate.

B. A star's ultimate fate (white dwarf, neutron star or black hole) depends on its mass.

C. A secondary factor, not the deciding one.

D. B is correct.

Question 51 Everyday Science

Fission is a procedure related to:

- A. Atomic Bomb ✓ **Correct answer**
- B. Chemical bond
- C. Power to atoms
- D. None of these

A. Nuclear fission is the process behind the atomic bomb.

B. Chemistry, not fission.

C. A meaningless option.

D. A is correct.

Question 52 Everyday Science

What is the main cause of biodiversity loss?

- A. Global warming
- B. Climate change
- C. Habitat destruction ✓ **Correct answer**

A. A threat to biodiversity, but not the main cause.

B. A threat to biodiversity, but not the main cause.

C. Habitat destruction is the leading cause of biodiversity loss.

D. A form of habitat destruction, but narrower than C.

Question 53 Everyday Science

What is the increase in body temperature by 1-degree Celsius called?

- A. Heat
- B. Specific heat ✓ **Correct answer**
- C. Internal Heat
- D. Latent heat

A. The general term for energy transfer, not the quantity for a 1°C rise.

B. The heat required to raise 1 kg of body tissue by 1°C; the physiology textbook states "the amount of heat required to elevate body temperature by 1°C is termed the specific heat of the body" (0.83 kcal/kg).

C. The heat the body produces by metabolism; it is not the term for the heat needed for a 1°C rise.

D. Heat absorbed or released in a change of state without any change in temperature.

Question 54 Everyday Science

A substance that acts as both an acid and a base is called:

- A. Alkaline
- B. Amphoteric ✓ **Correct answer**
- C. Neutralization

ter of crystallization

A. Alkaline means basic, not both acidic and basic.

B. An amphoteric substance can act as both an acid and a base.

C. The reaction between an acid and a base, not a substance.

D. Water held in a crystal lattice, unrelated.

Question 55 Everyday Science

Which gas is biologically essential in the human body for tissues, organs, and cells?

- A. Carbon
- B. Ammonia
- C. Oxygen ✓ **Correct answer**
- D. Nitrogen

A. A building block of organic molecules, but not the gas in question.

B. A waste product of metabolism, not the essential gas.

C. Oxygen is biologically essential for respiration in tissues, organs and cells.

D. Mostly inert in the body.

Question 56 Computer Science

Larry Page is a co-founder of which famous computer company?

- A. Facebook
- B. Apple
- C. IBM
- D. Google ✓ **Correct answer**

A. Facebook was co-founded by Mark Zuckerberg.

co-founded by Steve Jobs and Steve Wozniak.

C. IBM was founded by Charles Flint.

D. Google was co-founded by Larry Page and Sergey Brin.

Question 57 Computer Science

Which cable is commonly used to connect a monitor to a computer?

- A. HDMI ✓ **Correct answer**
- B. Flash Memory
- C. USB Port
- D. Ethernet cable

A. HDMI is the standard cable used to connect a monitor to a computer.

B. Storage, not a monitor cable.

C. A port, not the cable that carries the monitor signal.

D. Used for networking, not for a monitor.

Question 58 Computer Science

Which control is used to select or deselect multiple options?

- A. Debugging
- B. Check box ✓ **Correct answer**
- C. Combo Box
- D. None of these

A. Finding and fixing errors in code.

B. The check box control is used to select or deselect multiple options.

C. A drop-down list control.

Question 59 Computer Science

Who is the inventor of the WWW in 1989?

- A. Charles Babbage
- B. Warren Buffet
- C. Tim Berners-Lee ✓ **Correct answer**
- D. Aiken

A. Babbage designed the Analytical Engine in the 19th century.

B. An investor, not an inventor of the Web.

C. Berners-Lee invented the World Wide Web in 1989 at CERN.

D. Howard Aiken built the Mark I computer.

Question 60 Mathematics

If 20% of a number is 18, what is the number?

- A. 60
- B. 70
- C. 75
- D. 90 ✓ **Correct answer**

A. 20% of 60 is 12, not 18.

B. 20% of 70 is 14, not 18.

C. 20% of 75 is 15, not 18.

D. 20% of 90 is 18.

61 Mathematics

Find the Least Common Multiple (LCM) of 30 and 36.

- A. 30
- B. 180 ✓ **Correct answer**
- C. 60
- D. 90

A. A common factor of 30 and 36, not the least common multiple.

B. LCM(30, 36) = 180.

C. A common multiple of 30 and 36, but not the least.

D. A common multiple of 30 and 36, but not the least.

Question 62 Mathematics

If X:Y = 11:8 and Y:Z = 6:7, find the value of X:Z.

- A. 33:28 ✓ **Correct answer**
- B. 28:33
- C. 33:26
- D. 36:27

A. X:Z = (11×6):(8×7) = 66:56 = 33:28.

B. The inverse of the correct ratio.

C. Wrong arithmetic.

D. Wrong arithmetic.

Question 63 Mathematics

Solve for the value of 27^(-1/3).

- B. 9
- C. 1/3 ✓ **Correct answer**
- D. -1/3

A. That is 27^(1/3), the cube root of 27.

B. That is 27^(2/3).

C. 27^(-1/3) = 1/∛27 = 1/3.

D. The negative sign is wrong; the result is positive.

Question 64 Mathematics

In the arithmetic progression 11, 8, 5, ..., -79, what is the middle term?

- A. -33
- B. -34 ✓ **Correct answer**
- C. -36
- D. 36

A. One more than the middle term.

B. The common difference is −3; the last term −79 is the 31st term (11 − 3×30 = −79), so the middle (16th) term is 11 − 3×15 = −34.

C. Two less than the middle term.

D. The wrong sign and value.

Question 65 Mathematics

If Sin(x) = 4/5, find the value of Cos(2x).

- A. 1/12
- B. 24/25

5 ✓ Correct answer

- D. 1/8

A. Wrong value.

B. That is sin 2x (2×4/5×3/5), not cos 2x.

C. cos 2x = 1 − 2sin²x = 1 − 2(16/25) = 1 − 32/25 = −7/25.

D. Wrong value.

Question 66 Mathematics

The lines represented by equations x+y=3 and 4x+4y=12 intersect at:

- A. No Points
- B. One Point
- C. Two Points
- D. Three Points

No answer is given for this question, and none is taught. DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation (see verification summary). No answer taught: the two equations are the same line, so they meet at infinitely many points — "No Points" is wrong and no option offers infinitely many points.

A. Wrong: "no points" would be the answer for two parallel distinct lines, but these two equations are the same line.

B. Wrong: two different lines meet at one point; these are not two different lines.

C. Wrong: two straight lines never meet at exactly two points.

D. Wrong: two straight lines never meet at exactly three points. **DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation.** The item has no correct option: 4x+4y=12 is exactly 4 times x+y=3, so the two equations describe the same (coincident) line and meet at infinitely many points, which no option offers. The printed

oints" is wrong.

Question 67 Mathematics

The sum of two numbers is 28 and their difference is 10. Find the numbers.

- A. 9 & 19
- B. 19 & 9
- C. 20 & 9
- D. 18 & 10

No answer is given for this question, and none is taught. DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation (see verification summary). No answer taught: options A (9 & 19) and B (19 & 9) are the same pair of numbers in different order — both are correct, so there is no unique answer.

A. Correct: 9+19 = 28 and 19−9 = 10.

B. Also correct: the same two numbers, 19+9 = 28 and 19−9 = 10.

C. Wrong: 20+9 = 29, not 28.

D. Wrong: 18+10 = 28 but 18−10 = 8, not 10. **DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation.** The item has no unique answer: the two numbers are 19 and 9, and options A and B offer exactly the same pair in different order, so both are correct. The printed key B is one of two correct options.

Question 68 English

What is the synonym of AVID?

- A. Apathetic
- B. Eager ✓ **Correct answer**
- C. Generous
- D. Moderate

means indifferent, the opposite of avid.

B. AVID means keen and eager.

C. Unrelated to avid.

D. Unrelated to avid.

Question 69 English

Fill in the blank: He shouted in front of audience: '____'

- A. Quiet
- B. Quiet.
- C. Quiet! ✓ **Correct answer**
- D. Quiet?

A. With no punctuation the shouted command is incomplete.

B. A full stop does not suit a shout.

C. A shout takes the exclamation mark.

D. A question mark does not suit a command.

Question 70 English

Choose the correct preposition: He has written a preface ____ this book.

- A. Of
- B. On
- C. In
- D. To ✓ **Correct answer**

A. "A preface of this book" is not the idiom.

B. "A preface on this book" is not the idiom.

in this book" is not the idiom.

D. The correct idiom is "a preface to this book".

Question 71 English

Complete the sentence: We waited for hours, but he never ____ to the party.

- A. Turned around
- B. Turned on
- C. Turned in
- D. Turned up ✓ **Correct answer**

A. Changed direction; does not fit.

B. Switched on; does not fit.

C. Went to bed or handed something in; does not fit.

D. Arrived; "he never turned up to the party" is the correct phrasal verb.

Question 72 English

Choose the correct analogy for 'Vaccine:Prevent'.

- A. Victim:Attend
- B. Antidote:Counteract ✓ **Correct answer**
- C. Wound:Heal
- D. Diagnose:Cure

A. No such agent-to-function relation.

B. As a vaccine prevents disease, an antidote counteracts poison.

C. A wound is healed, but the relation is not the same agent-to-function pattern.

D. Diagnosis precedes a cure but is not the same function relation.

73 English

Choose the correct analogy for 'Fish:School'.

- A. Lion:Pride ✓ **Correct answer**
- B. Novel:Story
- C. Puppy:Dog
- D. Ear:Body

A. As a group of fish is a school, a group of lions is a pride.

B. A novel contains a story; not a collective noun.

C. A young animal and its adult; not a collective noun.

D. A part and its whole; not a collective noun.

Question 74 English

Choose the synonym of INSIDIOUS.

- A. Direct
- B. Straight
- C. Deceitful ✓ **Correct answer**
- D. Open

A. The opposite of insidious.

B. The opposite of insidious.

C. INSIDIOUS means proceeding in a subtle, harmful and deceitful way.

D. The opposite of insidious.

Question 75 English

Which of the following is a coordinating conjunction?

- B. And ✓ **Correct answer**
- C. Although
- D. That

A. A preposition, not a conjunction.

B. "And" is a coordinating conjunction.

C. A subordinating conjunction.

D. A pronoun (or subordinating conjunction), not a coordinating conjunction.

Question 76 English

What is the meaning of the idiom: 'Do not put all your eggs in one basket'?

- A. Do not show confidence on single work
- B. Do not rely on one choice ✓ **Correct answer**
- C. Multi-Tasking
- D. None of these

A. A garbled rendering, not the meaning.

B. The idiom means do not risk everything on a single plan or choice.

C. The opposite idea.

D. B is correct.

Question 77 English

Choose the meaning of the idiom: 'At sixes and sevens'.

- A. In disorder ✓ **Correct answer**
- B. Quickly
- C. Straight

A. "At sixes and sevens" means in confusion or disorder.

B. Unrelated.

C. Unrelated.

D. Unrelated.

Question 78 English

Which part of speech is 'Alas!'?

- A. Conjunction
- B. Pronoun
- C. Interjection ✓ **Correct answer**
- D. Adjective

A. A conjunction joins clauses or words.

B. A pronoun stands for a noun.

C. "Alas!" is an interjection, expressing sudden emotion.

D. An adjective describes a noun.

Question 79 English

In the phrase 'A small house in the city', what is the word 'small'?

- A. Proverb
- B. Adjective ✓ **Correct answer**
- C. Adverb
- D. Noun

A. A proverb is a saying, not a part of speech.

escribes the house, so it is an adjective.

C. An adverb modifies a verb, adjective or adverb.

D. A noun names a thing.

Question 80 English

Fill in the blank: Do not bite a hand that ____ you.

- A. Help
- B. Love
- C. Feeds ✓ **Correct answer**
- D. Protect

A. "A hand that helps you" is not the proverb.

B. Not the proverb.

C. The proverb is "Do not bite the hand that feeds you".

D. Not the proverb.

Question 81 English

Change to indirect speech: The dying man said, 'Help me, help me'.

- A. He cried help him
- B. He cried for help ✓ **Correct answer**
- C. He cried help help
- D. None of these

A. Ungrammatical.

B. The correct indirect form of the dying man's plea.

C. Ungrammatical.

Question 82 Urdu

لیکیر کا فقیر ہونا کا درست مطلب کیا ہے؟

- A. سیدھی چال چلنا
- **Correct answer** ✓ B. رسم و رواج پر قائم رہنا
- C. ایک ہی طرح کا کام کرنا
- D. کوئی نہیں

A. سیدھی چال چلنا کا مطلب یہ نہیں ہے۔

B. "لیکیر کا فقیر" وہ شخص ہے جو پرانے رسم و رواج پر اندھا دھند قائم رہے۔

C. ایک ہی طرح کا کام کرنا اس محاورے کا مطلب نہیں ہے۔

D. B درست جواب ہے۔

Question 83 Urdu

صلواتیں سنانا محاورہ کا درست مطلب کیا ہے؟

- A. تعریف کرنا
- B. اذان کے کلمات
- C. بدگمان کرنا
- **Correct answer** ✓ D. برا بھلا کہنا

A. تعریف کرنا اس کا الٹ ہے۔

B. اذان کے کلمات کا اس محاورے سے کوئی تعلق نہیں۔

C. بدگمان کرنا اس کا

D. "صلواتیں سنانا" کا مطلب ہے کسی کو برا بھلا کہنا یا ڈانٹنا۔

Question 84 Urdu

روزمرہ میں قواعد کی رو سے کیا ہے؟

- A. محاورہ
- B. ضرب المثل
- C. روز مرہ ✓ **Correct answer**
- D. معقولہ

A. محاورہ ایک الگ زمرہ ہے، روزمرہ نہیں۔

B. ضرب المثل ایک الگ زمرہ ہے، روزمرہ نہیں۔

C. روزمرہ خود قواعد میں روزمرہ کی زبان کے استعمال کا زمرہ ہے۔

D. معقولہ ایک الگ زمرہ ہے، روزمرہ نہیں۔

Question 85 Urdu

'واہ! کیا خوشبو ہے ان پھولوں کی'، یہ کس قسم کا جملہ ہے؟

- A. فجائیہ ✓ **Correct answer**
- B. ندائیہ
- C. تاسف
- D. کوئی نہیں

A. "واہ!" حیرت اور تعجب کا اظہار ہے، اس لیے یہ جملہ فجائیہ (exclamatory) ہے۔

B. ندائیہ جملہ کسی کو پکارنے

C. تاسف افسوس کا اظہار ہے۔

D. A درست جواب ہے۔

Question 86 Urdu

پانی پھرنا کے معنی کیا ہیں؟

Correct answer ✓ A. ضائع کرنا

B. نہانا

C. اکٹھا کرنا

D. کوئی نہیں

A. "پانی پھرنا" کا مطلب ہے کسی چیز کا ضائع یا برباد ہو جانا۔

B. نہانا اس کا مطلب نہیں ہے۔

C. اکٹھا کرنا اس کا مطلب نہیں ہے۔

D. A درست جواب ہے۔

Question 87 Urdu

میں طوطی کی صدا کون سنتا ہے؟

Correct answer ✓ A. نقار خانے

B. قید خانے

C. باغات

D. سرد خانے

A. ضرب المثل ہے: "نقار خانے میں طوطی کی آواز کون سنتا ہے" — جہاں نقارے بجتے ہوں وہاں طوطا نہیں سنتا۔

B. قید خانہ اس ضرب المثل میں نہیں آتا۔

C. باغات اس ضرب المثل میں نہیں آتے۔

D. سرد خانہ اس ضرب المثل میں نہیں آتا۔

Question 88 Urdu

ہتھے چڑھنا کا مطلب کیا ہے؟

- A. لڑائی کرنا
- **Correct answer** ✓ B. قابو میں آنا
- C. بھاگ جانا
- D. درمیان میں آنا

A. لڑائی کرنا اس کا مطلب نہیں ہے۔

B. "ہتھے چڑھنا" کا مطلب ہے کسی کے قابو میں آ جانا۔

C. بھاگ جانا اس کا الٹ ہے۔

D. درمیان میں آنا اس کا مطلب نہیں ہے۔

Question 89 Urdu

'جب سے تو نے مجھے دیوانہ بنا رکھا ہے' اس میں امدادی فعل کون سا ہے؟

- A. تو نے
- B. بنا

Correct answer ✓ C. رکھا

D. ہے

A. "تو نے" فاعل کا ضمیر ہے، امدادی فعل نہیں۔

B. "بنا" مرکب فعل "بنا رکھا" میں اصل فعل ہے۔

C. مرکب فعل "بنا رکھا ہے" میں "رکھا" امدادی فعل ہے۔

D. "ہے" زمانے کی علامت ہے، امدادی فعل نہیں۔

Question 90 Urdu

پیٹ کاٹنا کا مطلب کیا ہے؟

Correct answer ✓ A. بھوک برداشت کرنا

B. اخراجات بڑھانا

C. فضول خرچی کرنا

D. کوئی نہیں

A. "پیٹ کاٹنا" کا مطلب ہے بھوک برداشت کرنا یا بھوکا رہنا۔

B. اخراجات بڑھانا اس کا الٹ ہے۔

C. فضول خرچی اس کا مطلب نہیں ہے۔

D. A درست جواب ہے۔

Question 91 Urdu

مسدس حالی کا اصل نام کیا ہے؟

Correct answer ✓ A. مد و جزر اسلام

B. طلوع اسلام

C. شاہ نامہ اسلام

D. کوئی نہیں

A. حالی کی مسدس کا اصل نام "مد و جزر اسلام" (The Ebb and Flow of Islam) ہے۔

B. یہ اس کا نام نہیں ہے۔

C. یہ اس کا نام نہیں ہے۔

D. A درست جواب ہے۔

Question 92 Islamic Studies

قرآن کو کن لوگوں کے لیے شفا اور رحمت قرار دیا گیا ہے؟

A. منکرین (Disbelievers)

Correct answer ✓ B. مومنین (Believers)

C. بدگمان (Cynic)

D. کوئی نہیں

A. قرآن کو منکرین کے لیے شفا اور رحمت نہیں کہا گیا۔

B. قرآن 17:82: "اور ہم قرآن نازل کرتے ہیں جو مومنوں کے لیے شفا اور رحمت ہے"۔

C. بدگمانوں کے لیے شفا اور رحمت نہیں کہا گیا۔

D. B درست جواب ہے۔

93 Islamic Studies

بیعتِ رضوان کس صحابی کی جھوٹی شہادت پر لی گئی تھی؟

A. حضرت علیؓ

B. حضرت طلحہؓ

C. حضرت عثمان غنیؓ ✓ Correct answer

D. حضرت سعدؓ

A. حضرت علیؓ کی شہادت کی افواہ پر بیعت نہیں لی گئی تھی۔

B. حضرت طلحہؓ کی شہادت کی افواہ پر بیعت نہیں لی گئی تھی۔

C. حدیبیہ کے موقع پر حضرت عثمان غنیؓ کی شہادت کی جھوٹی خبر پر بیعت رضوان لی گئی تھی۔

D. حضرت سعدؓ کی شہادت کی افواہ پر بیعت نہیں لی گئی تھی۔

Question 94 Islamic Studies

قرآن مسلمانوں کو کن چیزوں پر غور و فکر کرنے کی نصیحت کرتا ہے؟

A. ستاروں

B. زمین اور آسمان ✓ Correct answer

C. سورج

D. کوئی نہیں

A. ستارے بھی نشانیاں ہیں، لیکن معیاری جواب زمین اور آسمان ہے۔

B. قرآن بار بار آسمانوں اور زمین کی تخلیق پر غور و فکر کی دعوت دیتا ہے۔

C. سورج ایک نشانی ہے، جوڑا نہیں۔

D. B

Question 95 Islamic Studies

وہ حدیث جو کثیر تعداد میں راویوں سے مروی ہو، کہلاتی ہے:

- A. ماقوت
- B. مرفوع
- C. متواتر ✓ **Correct answer**
- D. مردف

A. ماقوت حدیث کی کوئی تسلیم شدہ اصطلاح نہیں ہے۔

B. مرفوع وہ حدیث ہے جو نبی ﷺ سے منسوب ہو۔

C. متواتر وہ حدیث ہے جو ہر طبقے میں اتنی کثیر تعداد میں راویوں سے مروی ہو کہ ان کا جھوٹ پر اتفاق ناممکن ہو۔

D. مردف حدیث کی کوئی تسلیم شدہ قسم نہیں ہے۔

Question 96 Islamic Studies

تابعی سے مروی حدیث کو کیا کہا جاتا ہے؟

- A. مرفوع
- B. ماقوت
- C. موقوف
- D. مرسل

No answer is given for this question, and none is taught. DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation (see verification summary). No answer taught: a narration attributed to a Tabi'i is called مقطوع (Maqtu'), which is not

ماقوت (option B) is not a recognised hadith term.

A. مرفوع وہ حدیث ہے جو نبی ﷺ سے منسوب ہو، تابعی سے نہیں۔

B. ماقوت حدیث کی کوئی تسلیم شدہ اصطلاح نہیں ہے؛ یہ مقطوع کی بگڑی ہوئی صورت معلوم ہوتی ہے۔

C. موقوف وہ حدیث ہے جو صحابی پر رک جائے، تابعی پر نہیں۔

D. مرسل وہ حدیث ہے جس میں تابعی صحابی کا نام لیے بغیر براہ راست نبی ﷺ سے روایت کرے؛ یہ سلسلہ سند کی ایک الگ قسم ہے، تابعی سے منسوب حدیث کی اصطلاح نہیں۔ ** DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation.* * The item has no correct option: a narration confirmed by Al Mukhtasar fi — ('□ □□□) مقطوع attributed to a Tabi'i is called Usool ul Hadith, the Damas Cultural Society's hadith terminology list, and IslamWeb Fatwa i s not a (ماقوت) is not among the offered options. The printed key B مقطوع 12239 — and .r ec ogni s ed t er m

Question 97 Islamic Studies

خطبہ حجۃ الوداع کے موقع پر آپ ﷺ نے کن چیزوں کے خاتمے کا اعلان فرمایا؟

A. خونی تنازعات

B. ناانصافی

C. فتنہ

D. پرانے رسم و رواج

No answer is given for this question, and none is taught. DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation (see verification summary). No answer taught: the Farewell Sermon abolished BOTH blood feuds (option A) and the pre-Islamic customs (option D) — two correct options, no unique answer.

A. درست: خطبہ حجۃ الوداع میں آپ ﷺ نے اعلان فرمایا کہ جاہلیت کے تمام خونی انتقام ختم کر دیے گئے ہیں۔

B. ناانصافی کا خاتمہ خطبے کا ایک عمومی پیغام ہے، لیکن یہ وہ مخصوص اعلان نہیں جو سوال م

C. فتنہ کا خاتمہ اس اعلان کا موضوع نہیں ہے۔

D. درست: خطبہ حجۃ الوداع میں آپ ﷺ نے اعلان فرمایا کہ جاہلیت کے تمام رسم و رواج میرے قدموں تلے ہیں۔ **

DEFECTIVE-excluded — decided by assistant under the owner's 8 Nov 2026 delegation.**

The item has no unique answer: the Farewell Sermon abolished both blood feuds (A) and the pre-Islamic customs (D), so two options are correct. The printed key D is one of two .correct options

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