Junior Clerk (BS-11), Case 48J2022 — 2023 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Junior Clerk (BS-11), Case 48J2022 · **Year:** 2023 · **Questions:** 100 in the original paper — **100 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 2023 sitting.

Source note: test360.pk reproduction, "Junior Clerk 48J2022 25-02-2023" (all 100 stems with 4 options and a printed key, from the direct-curl HTML route). No second full reproduction was found (testpointpk.com lists no 48J2022 / 25-02-2023 entry; web searches for "48J2022" return no other solved paper, PDF or video for this sitting); individual answers were verified one by one against independent reference sources. 4 printed keys corrected openly, never silently (Q7, Q18, Q24, Q41). 1 PICK-ONE decided by the assistant under the owner's 8 Nov 2026 delegation (Q79) and 1 SINGLE-SOURCE recorded openly (Q92). Answers were verified independently against reference facts, worked derivations and targeted sources, never from the printed key alone.

Question 1 Pakistan Studies

Which country accepted Pakistan first

- A. Iraq
- B. Indonesia
- C. China
- D. Iran ✓ **Correct answer**

gnised Pakistan later, not first.

B. Indonesia recognised Pakistan in 1947 but after Iran.

C. China recognised Pakistan in 1950, well after independence.

D. Iran was the first country to recognise Pakistan after independence in August 1947.

Question 2 Pakistan Studies

Which province passed resolution in 1938 for Pakistan :

- A. Sindh ✓ **Correct answer**
- B. None of these
- C. NWFP
- D. Punjab

A. In October 1938 the Sindh Provincial Muslim League conference at Karachi passed the resolution demanding a separate political arrangement for Muslims — the first such provincial resolution, later the basis of the 1940 Lahore Resolution; the Sindh Assembly itself passed a resolution in favour of Pakistan in March 1943.

B. Wrong: Sindh is the answer.

C. The NWFP did not pass such a resolution in 1938.

D. Punjab passed no 1938 resolution of this kind.

Question 3 Urdu Literature

Khudi was a topic of

- A. Faiz Ahmed Faiz
- B. Ameer Khusro
- C. Allama Iqbal ✓ **Correct answer**
- D. None of these

nes were revolution and romance, not Khudi.

B. Khusro (13th century) predates the concept by centuries.

C. 'Khudi' (selfhood) is the central concept of Iqbal's philosophy, developed in 'Asrar-e-Khudi' (Secrets of the Self, 1915).

D. Wrong: Iqbal is the answer.

Question 4 Pakistan Studies

Which is the most thinly populated province of Pakistan

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

A. Balochistan is Pakistan's largest province by area and smallest by population, so it is the most thinly populated.

B. Khyber Pakhtunkhwa is far more densely populated.

C. Sindh is densely populated (Karachi, Hyderabad).

D. Punjab is the most populous and most densely populated province.

Question 5 Sports

Which is the national sport of Pakistan ?

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

A. Cricket is the most popular sport but not the national sport.

played but is not the national sport.

C. Field hockey is Pakistan's national sport (Pakistan has won the Hockey World Cup four times).

D. Pakistan dominated squash (Jahangir and Jansher Khan) but it is not the national sport.

Question 6 Pakistan Studies

Which dam supplies drinking water to Islamabad and Rawalpindi ?

- A. Khanpur Dam ✓ **Correct answer**
- B. Tarbela Dam
- C. Mirani Dam
- D. Sabakzai Dam

A. Khanpur Dam on the Haro River supplies drinking water to Islamabad and Rawalpindi.

B. Tarbela (Indus) is for power and irrigation, not the twin cities' water supply.

C. Mirani is in Kech, Balochistan.

D. Sabakzai is in Zhob, Balochistan.

Question 7 Pakistan Studies

Iftikhar Muhammad Chaudhary restoration as Chief Justice by Supreme Court on .

- A. 20 December 2007
- B. 10 November 2007
- C. 30 August 2007
- D. 20 July 2007 ✓ **Correct answer**

A. No such restoration on this date.

B. No such restoration on this date.

d key, no restoration happened on this date. *Decided by the assistant under the owner's 8 Nov delegation: Wikipedia 'Suspension of Iftikhar Muhammad Chaudhry', Law Library of Congress and contemporary ABA Journal report all give 20 July 2007.*

D. CORRECTED (printed key C, 30 August 2007, is wrong). On 20 July 2007 a 13-member Supreme Court bench unanimously reinstated Chief Justice Iftikhar Muhammad Chaudhry, setting aside his 9 March 2007 suspension (PLD 2007 SC 578).

Question 8 Pakistan Studies

Harappa is located in which province of Pakistan ?

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

A. Mohenjo-daro is in Sindh, not Harappa.

B. Harappa, the Indus Valley Civilisation site, is in Sahiwal District, Punjab.

C. Mehrgarh is in Balochistan, not Harappa.

D. No major Harappan site of this name is in KPK.

Question 9 International Affairs

Pakistan joined SCO as a full member in _____ .

- A. 2017 ✓ **Correct answer**
- B. 1997
- C. 2016
- D. 1996

A. Pakistan (with India) became a full member of the Shanghai Cooperation Organisation at the Astana summit in June 2017.

was not an SCO member then, the SCO itself was founded in 2001.

C. Pakistan was only an observer in 2016.

D. The Shanghai Five (SCO's predecessor) was formed in 1996, but Pakistan was not a member.

Question 10 Pakistan Studies

1973 Constitution was made in the government of _____ .

- A. Ayyub Khan
- B. Yahya Khan
- C. Muhammad Khan Junejo
- D. Zulfiqar Ali Bhutto ✓ **Correct answer**

A. Ayub gave the 1962 Constitution.

B. Yahya ruled under martial law with no constitution of his own.

C. Junejo was prime minister in 1985, long after 1973.

D. The 1973 Constitution was framed under Bhutto's government and passed by the National Assembly in April 1973.

Question 11 World Geography

The World's highest railway bridge is being constructed on river .

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

A. No such record bridge is on the Jhelum.

B. No such record bridge is on the Indus.

...ab Rail Bridge (Jammu and Kashmir) over the Chenab River is the world's highest railway bridge (359 m above the riverbed).

D. No such record bridge is on the Ravi.

Question 12 Literature

The famous book Assar ul Sanadeed was written by .

- A. Sir Syed Ahmed Khan ✓ **Correct answer**
- B. Syed Ahmed Barelvi
- C. Shah Wali Ullah
- D. Sheikh Ahmed SirHindi

A. 'Asar-us-Sanadeed' (1847) is Sir Syed's archaeological history of Delhi.

B. Barelvi was a jihad movement leader, not this author.

C. Shah Waliullah translated the Quran; he did not write this book.

D. Sirhindi was a 16th–17th century Sufi reformer, not this author.

Question 13 History

Who was the last Viceroy of India ?

- A. Lord Irwin
- B. Lord Clive
- C. Lord Mountbatten ✓ **Correct answer**
- D. Lord Harding

A. Irwin was Viceroy 1926–1931.

B. Clive was an 18th-century governor of Bengal, never Viceroy.

C. Lord Mountbatten was the last Viceroy of India (1947), overseeing Partition.

was Viceroy 1910–1916.

Question 14 Pakistan Studies

Mangla dam is located in which district of Pakistan ?

- A. Swat
- B. Haripur
- C. Mirpur ✓ **Correct answer**
- D. Rawalpindi

A. No Mangla Dam in Swat.

B. Haripur has Tarbela nearby, not Mangla.

C. Mangla Dam is on the Jhelum River in Mirpur District, Azad Jammu and Kashmir.

D. Rawalpindi is in Punjab, across the river from the dam site but not its district.

Question 15 Current Affairs

Who is Sohail Warraich :

- A. Bureaucrat
- B. Journalist ✓ **Correct answer**
- C. None of these
- D. Politician

A. He is not a civil servant.

B. Sohail Warraich is a well-known Pakistani journalist and television anchor.

C. Wrong: journalist is the answer.

D. He interviews politicians; he is not one.

16 Pakistan Studies

Who was the first Governor of Punjab ?

- A. Ibrahim Ismail Chundrigar
- B. Sir Agha Khan
- C. Sir Francis Mudie ✓ **Correct answer**
- D. Sardar Abdur Rab Nishtar

A. Chundrigar was a prime minister of Pakistan, not Punjab's first governor.

B. The Aga Khan was a spiritual leader, never Governor of Punjab.

C. Sir Francis Mudie was the first Governor of Punjab after independence (1947–1949).

D. Nishtar was a minister and later Governor of Punjab (1949), but not the first.

Question 17 Pakistan Studies

The Lawyers Movement also known as the movement for the Restoration of Judiciary was actually the Restoration of :

- A. Nasir ul Mulk
- B. Anwar Zaheer Jamali
- C. None of these
- D. Iftikhar Chaudhary ✓ **Correct answer**

A. Nasir-ul-Mulk was a later Chief Justice, not the subject of the movement.

B. Jamali was a later Chief Justice, not the subject of the movement.

C. Wrong: Chaudhry is the answer.

D. The Lawyers' Movement (2007–2009) was the movement for the restoration of Chief Justice Iftikhar Muhammad Chaudhry.

18 Pakistan Studies

Kashmir Independence movement started in which year :

- A. 1931 ✓ **Correct answer**
- B. 1930
- C. 1948
- D. 1947

A. CORRECTED (printed key B, 1930, is wrong). The organised Kashmir freedom movement is dated to 13 July 1931, when Dogra forces fired on protesters outside Srinagar Central Jail (Martyrs' Day); historians (Bazaz, Das Gupta) call 13 July 1931 the birth of the modern freedom movement.

B. The printed key; 1930 saw only the early Reading Room Party discussions, not the movement itself.

C. The 1947–48 war year, not the movement's start.

D. Partition/accession year, not the movement's start. *Decided by the assistant under the owner's 8 Nov delegation: Wikipedia 'Kashmir Martyrs' Day' and multiple histories date the movement's birth to 13 July 1931.*

Question 19 Urdu Literature

Abhi To main Jawan Hoon written by whom ?

- A. Akhtar ul Iman
- B. Waheed Akhtar
- C. Hafeez Jalandhari ✓ **Correct answer**
- D. None of these

A. Akhtar-ul-Iman was a different Urdu poet, not the author.

B. Not the author of this ghazal.

ain jawan hoon" is Hafeez Jalandhari's famous ghazal; he also wrote Pakistan's national anthem.

D. Wrong: Jalandhari is the answer.

Question 20 Pakistan Studies

Sindh was separated from Bombay in :

- A. 1936 ✓ **Correct answer**
- B. 1937
- C. 1934
- D. 1935

A. Sindh was separated from the Bombay Presidency on 1 April 1936 under the Government of India Act 1935.

B. The first provincial elections were held in 1937, not the separation.

C. No separation in 1934.

D. The Act was passed in 1935, but separation took effect in 1936.

Question 21 Pakistan Studies

The idea of Pakistan was first Conceived by :

- A. Sir Agha Khan
- B. Shaukat Ali
- C. Allama Iqbal ✓ **Correct answer**
- D. Quaid-e-Azam

A. The Aga Khan led the Muslim League early on but is not credited with first conceiving the idea.

B. Shaukat Ali was a Khilafat leader, not the originator.

ndard PPSC account, the idea of Pakistan was first conceived by Iqbal (Allahabad Address, 1930).

D. Jinnah led the movement to its fulfilment, but the idea is credited to Iqbal first.

Note: Filed option A read "Sir Agha khan" (misprint in the source reproduction); corrected to "Sir Agha Khan" as documented in the reviewed file.

Question 22 Current Affairs

Who is current Prime Minister of Nepal ?

- A. Pushpa Kamal Dahal ✓ **Correct answer**
- B. Sharma Oli
- C. None of these
- D. Sher Bahadur Deuba

A. Correct as of the exam date (25 February 2023): Dahal (Prachanda) became Nepal's Prime Minister on 26 December 2022. Note: Nepal's prime minister has since changed (Sushila Karki from September 2025), but the exam-time answer is Dahal.

B. K. P. Sharma Oli was prime minister earlier (2018–2021), not in February 2023.

C. Wrong: Dahal is the answer.

D. Deuba was prime minister until December 2022, not in February 2023.

Question 23 Computer

What displays the content of the active cell in MS Excel ?

- A. Formula bar ✓ **Correct answer**
- B. Name Box
- C. None of these
- D. Row Headings

el the formula bar displays the contents of the active cell.

B. The Name Box shows the cell's address (e.g. A1), not its contents.

C. Wrong: the formula bar is the answer.

D. Row headings are the numbers down the left side, not the cell contents.

Question 24 Pakistan Studies

Which conference held from 27th November 1947 to 1st December 1947 in Pakistan ?

- A. Education ✓ **Correct answer**
- B. Commerce
- C. Trade
- D. Textile

A. CORRECTED (printed key C, Trade, is wrong). The First All Pakistan Education Conference was held in Karachi from 27 November to 1 December 1947, chaired by Fazlur Rahman with a message from Quaid-e-Azam.

B. No commerce conference was held on those dates.

C. The printed key; no trade conference matches these dates.

D. No textile conference was held on those dates. *Decided by the assistant under the owner's 8 Nov delegation: examstudypk.com and multiple conference histories give the First All Pakistan Education Conference, 27 Nov–1 Dec 1947, Karachi.*

Question 25 Pakistan Studies

Pakistan conducted nuclear tests on :

- A. 24 May 1998
- B. 28 May 1998 ✓ **Correct answer**
- C. None of these

A. No tests on this date.

B. Pakistan conducted five nuclear tests (Chagai-I) on 28 May 1998 at Ras Koh, Chagai, Balochistan, in response to India's tests earlier that month; the day is observed as Youm-e-Takbeer. A sixth test (Chagai-II) followed on 30 May 1998.

C. Wrong: 28 May is the answer.

D. No tests on this date. (test360's own long explanation under this question is not reproduced here; this explanation is original.)

Question 26 Pakistan Studies

When Zia Ul Haq became President .

- A. 1986
- B. 1988
- C. 1978 ✓ **Correct answer**
- D. 1977

A. No such event in 1986.

B. Zia died in August 1988; he did not become President then.

C. General Zia-ul-Haq became President of Pakistan on 16 September 1978 (he had taken power as Chief Martial Law Administrator in July 1977).

D. In 1977 Zia seized power (5 July) but did not assume the presidency until 1978.

Question 27 Pakistan Studies

The first flight of the Shaheen in 1999 was fired from the Base :

- A. Chaghi
- B. Ormara

- D. Sonmiani Naval Base ✓ **Correct answer**

A. Chagai is the nuclear test site, not the missile range.

B. Ormara is a naval base but not the Shaheen test site.

C. PNS Mehran is a naval air station in Karachi, not the test range.

D. The Shaheen-I missile was first test-fired on 15 April 1999 from the Sonmiani Test Range / Sonmiani naval base on the Arabian Sea coast near Karachi.

Question 28 Civics

Who is the head of the state of Pakistan .

- A. Prime Minister
- B. President ✓ **Correct answer**
- C. Speaker National Assembly
- D. Chairman Senate

A. The Prime Minister heads the government, not the state.

B. Under Pakistan's Constitution the President is the head of state; the Prime Minister is head of government.

C. The Speaker presides over the Assembly only.

D. The Senate Chairman acts as President only in the President's absence.

Question 29 Literature

The famous book The Daughter of the East is written by :

- A. Ayesha Jalal
- B. G Alana
- C. Benazair Bhutto ✓ **Correct answer**

Aziz

A. Ayesha Jalal is a historian, not the author.

B. Not the author.

C. 'Daughter of the East' (1988) is Benazir Bhutto's autobiography.

D. K. K. Aziz was a historian, not the author. (test360's explanation under this question is a stray list of unrelated books and is not reproduced; this explanation is original.)

Question 30 History

Who established the Mughal Dynasty :

- A. Hamayun
- B. Akbar
- C. Babar ✓ **Correct answer**
- D. Qutb-ud-Din Aibak

A. Humayun was Babur's son and second emperor.

B. Akbar was the third emperor, Humayun's son.

C. Babur founded the Mughal dynasty by defeating Ibrahim Lodi at Panipat in 1526.

D. Aibak founded the Delhi Sultanate's Slave dynasty, not the Mughals.

Question 31 Pakistan Studies

Prime Minister Liaquat Ali khan was assassinated in which city :

- A. Karachi
- B. Lahore
- C. Rawalpindi ✓ **Correct answer**
- D. None of these

ed in Karachi, but was not killed there.

B. Not the assassination city.

C. Liaquat Ali Khan was assassinated on 16 October 1951 at Company Bagh, Rawalpindi (later renamed Liaquat Bagh), by Said Akbar Babrak.

D. Wrong: Rawalpindi is the answer.

Question 32 Geography

The length of Siachen Glacier is :

- A. 76 Km ✓ **Correct answer**
- B. 60 Km
- C. 80 Km
- D. 50 Km

A. The Siachen Glacier is about 76 km long (the standard textbook figure; some sources give 75 km).

B. Too short.

C. Slightly over the standard figure.

D. Far too short.

Question 33 World Geography

Normandy is in which country ?

- A. Austria
- B. France ✓ **Correct answer**
- C. Italy
- D. England

A. Normandy is not in Austria.

y is a region in northern France (site of the 1944 D-Day landings).

C. Normandy is not in Italy.

D. Normandy is across the Channel from England, in France.

Question 34 World Geography

Which city is built on 118 islands .

- A. Venice ✓ **Correct answer**
- B. Turin
- C. Rome
- D. None of these

A. Venice is built on 118 small islands in the Venetian Lagoon.

B. Turin is a mainland city, not built on islands.

C. Rome is built on seven hills, not 118 islands.

D. Wrong: Venice is the answer.

Question 35 World Geography

Statue of liberty was gifted to America by :

- A. Russia
- B. Japan
- C. France ✓ **Correct answer**
- D. Egypt

A. Russia did not gift it.

B. Japan did not gift it.

C. The Statue of Liberty was a gift from France to the United States (dedicated 1886).

not gift it.

Question 36 Abbreviation

CNN is the abbreviation of :

- A. None of these
- B. Cable News Network ✓ **Correct answer**
- C. Commercial News Network
- D. Common News Network

A. Wrong: Cable News Network is the answer.

B. CNN stands for Cable News Network.

C. Not the expansion.

D. Not the expansion.

Question 37 Science

Venus indicated the direction of :

- A. South
- B. North
- C. West ✓ **Correct answer**
- D. East

A. Venus does not indicate the south.

B. The Pole Star indicates the north, not Venus.

C. Venus as the evening star appears in the western sky just after sunset, so it indicates the west (the standard MCQ-book answer; as the morning star it appears in the east before sunrise).

D. Venus indicates the east only as the morning star; the book answer for this question is

Question 38 History

Who invented the first known printing press .

- A. Henry Morton
- B. Johann Gutenberg ✓ **Correct answer**
- C. Leo Tolstoy
- D. Henry Ford

A. Not the inventor of the printing press.

B. Gutenberg invented the movable-type printing press (c. 1440).

C. Tolstoy was a novelist, not an inventor.

D. Ford pioneered the assembly line, not printing.

Question 39 International Affairs

UN Human Rights Committee is :

- A. International Convention of Civil Rights
- B. None of these
- C. International Committee of Civil Rights
- D. International Covenant on Civil and Political Rights ✓ **Correct answer**

A. No such instrument.

B. Wrong: the ICCPR is the answer.

C. No such body.

D. The UN Human Rights Committee is the treaty body that monitors the ICCPR.

40 History

When Magna Carta was signed :

- A. 1415
- B. 1315
- C. 1215 ✓ **Correct answer**
- D. 1115

A. The year of Agincourt, not Magna Carta.

B. No Magna Carta in 1315.

C. Magna Carta was signed/sealed by King John in June 1215.

D. A century too early.

Question 41 Sports

How many age categories of International Wrestling .

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

A. The printed key; older MCQ books sometimes count only four (cadet, junior, senior, veteran), omitting U15 and U23, but the governing body's rules list six.

B. Five omits one category.

C. CORRECTED (printed key A, 4, is wrong). The United World Wrestling (formerly FILA) rules list six age categories: U15, U17, U20, U23, Seniors and Veterans.

D. Three omits half the categories. *Decided by the assistant under the owner's 8 Nov delegation: UWW/FILA official rules (2013 FILA rules and current UWW age divisions) list six categories.*

42 Psychology

Alfred Binet belongs to which country :

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

A. Binet was not British.

B. Binet was not German.

C. Alfred Binet, who devised the first intelligence test with Théodore Simon, was French.

D. Binet was not Spanish.

Question 43 World Geography

Which Country parliament has tge largest membership .

- A. US
- B. India
- C. China ✓ **Correct answer**
- D. Russia

A. The US Congress has 535 voting members.

B. India's Parliament has under 800 members in both houses.

C. China's National People's Congress has about 3,000 deputies, the world's largest parliament by membership.

D. Russia's Federal Assembly has about 620 members.

44 Computer

Which software is used for preparing and office presentation ?

- A. Outlook Express
- B. Excel
- C. PowerPoint ✓ **Correct answer**
- D. Photoshop

A. An email client, not presentation software.

B. Excel is a spreadsheet, not presentation software.

C. Microsoft PowerPoint is the standard presentation software.

D. Photoshop is image editing software, not presentation software.

Question 45 History

The Treaty of Versailles was signed on June 28,1919 by how many countries .

- A. 32 ✓ **Correct answer**
- B. 28
- C. 30
- D. 26

A. The Treaty of Versailles was signed on 28 June 1919 by 32 countries (Germany and the Allied/Associated powers; 32 of the 33 nations at the Paris Peace Conference).

B. Too few.

C. Too few.

D. Too few.

46 International Affairs

Palestinian Israeli agreement is called ?

- A. Abraham Accord
- B. Peace Accord
- C. None of these
- D. Oslo Accord ✓ **Correct answer**

A. The Abraham Accords (2020) are between Israel and Arab states, not the Palestinians.

B. Too vague; not the name of the agreement.

C. Wrong: the Oslo Accord is the answer.

D. The 1993 Israeli–Palestinian agreement is the Oslo Accords.

Question 47 International Affairs

When did Iran leave Baghdad pact .

- A. 1979 ✓ **Correct answer**
- B. 1989
- C. 1976
- D. 1973

A. Iran left the Baghdad Pact (CENTO) in 1979 after the Islamic Revolution.

B. The pact had already dissolved by then.

C. Iran was still a member in 1976.

D. Iran was still a member in 1973.

Question 48 World Geography

BIMAN is an airline of :

- B. Bangladesh ✓ **Correct answer**
- C. Malaysia
- D. Afghanistan

A. Sri Lanka's airline is SriLankan Airlines.

B. BIMAN (Biman Bangladesh Airlines) is the flag carrier of Bangladesh.

C. Malaysia's airline is Malaysia Airlines.

D. Afghanistan's airline is Ariana Afghan Airlines.

Question 49 Science

Name the Pakistani who wins Young scientist award 2021 in Biotechnology .

- A. Usman yaseen
- B. Hasan Saleem
- C. Umair Masood ✓ **Correct answer**
- D. Muhammad Waseem

A. Not the award winner.

B. Not the award winner.

C. Umair Masood, a biotechnology student at COMSATS University Abbottabad, won the Young Scientist Award 2021 (LabRoots) for molecular diagnostic techniques.

D. Not the award winner.

Question 50 Current Affairs

After how many days China city Wuhan opened after coronavirus lockdown .

- A. 78 days
- B. 76 days ✓ **Correct answer**

- D. 74 days

A. Two days too many.

B. Wuhan's lockdown ran from 23 January to 8 April 2020 — 76 days — before the city reopened.

C. Four days too few.

D. Two days too few.

Question 51 Science

How many planets are in our solar system :

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

A. The old count including Pluto.

B. One too few.

C. Two too few.

D. There are 8 planets in the Solar System (Mercury to Neptune) since Pluto was reclassified as a dwarf planet in 2006.

Question 52 Science

The cell theory was given by

- A. Haechel
- B. Hooke
- C. Albert Von Roelliker

:thias Schleiden and Schwann ✓ **Correct answer**

A. Haeckel contributed to evolution, not the cell theory.

B. Robert Hooke discovered and named the cell (1665) but did not formulate the theory.

C. Von Kölliker worked on cell structure later, not the theory's origin.

D. The cell theory was proposed by Matthias Schleiden (plants, 1838) and Theodor Schwann (animals, 1839).

Question 53 Science

Exoskeleton of a marine snail is composed of :

- A. Calcium Carbonate ✓ **Correct answer**
- B. Sulphur Dioxide
- C. None of these
- D. Calcium Sulphate

A. Marine snail shells (exoskeletons) are mainly calcium carbonate.

B. A gas, not a shell material.

C. Wrong: calcium carbonate is the answer.

D. Gypsum/plaster material, not snail shell.

Question 54 Science

Who discovered the first vaccine :

- A. Einstein
- B. Albert Sabin
- C. Edward Jenner ✓ **Correct answer**
- D. Jonas Salk

t, not a vaccinologist.

B. Sabin developed the oral polio vaccine much later.

C. Jenner discovered the first vaccine (smallpox, 1796).

D. Salk developed the injected polio vaccine (1955), not the first vaccine.

Question 55 Science

A device used to measure the amount of moisture in the atmosphere is called a :

- A. Hygrometer ✓ **Correct answer**
- B. Anemometer
- C. Barometer
- D. Hydrometer

A. A hygrometer measures atmospheric humidity/moisture.

B. Measures wind speed.

C. Measures atmospheric pressure.

D. Measures the density of liquids.

Question 56 Science

Entomology is the science that studies :

- A. Insects ✓ **Correct answer**
- B. Rocks
- C. Humans
- D. None of these

A. Entomology is the study of insects.

B. The study of rocks is geology/petrology.

of humans is anthropology.

D. Wrong: insects is the answer.

Question 57 Science

Who among the following discovered the circulation of blood ?

- A. Carl Linnaeus
- B. Robert Brown
- C. William Harvey ✓ **Correct answer**
- D. Francis Crik

A. Linnaeus founded biological classification.

B. Brown discovered the cell nucleus.

C. Harvey discovered the circulation of blood (1628).

D. Francis Crick co-discovered DNA's structure.

Question 58 Science

In eye donation which part of the eye used :

- A. Iris
- B. Retina
- C. Cornea ✓ **Correct answer**
- D. Optic nerve

A. The iris is not transplanted in eye donation.

B. The retina is not transplanted in eye donation.

C. In eye donation the cornea is transplanted.

D. The optic nerve is not transplanted in eye donation.

59 Science

Which of the following is non biodegradable ?

- A. Fleece of sheep
- B. Remains of animals
- C. Nylon ✓ **Correct answer**
- D. Tea leaves

A. Wool is natural and biodegradable.

B. Animal remains decompose.

C. Nylon is a synthetic polymer and is non-biodegradable.

D. Tea leaves are organic and biodegradable.

Question 60 Science

Friction can be reduced by changing from :

- A. Rolling to sliding
- B. Dynamic to static
- C. None of these
- D. Sliding to rolling ✓ **Correct answer**

A. This increases friction, the opposite.

B. Static friction is greater than dynamic friction, so this increases friction.

C. Wrong: sliding to rolling is the answer.

D. Rolling friction is much less than sliding friction, so changing sliding into rolling reduces friction.

61 Science

How much percentage of Earth's land is covered by forests ?

- A. 31% ✓ **Correct answer**
- B. 22%
- C. 34%
- D. None of these

A. About 31% of the Earth's land area is covered by forests (FAO figure).

B. Too low.

C. Slightly above the standard figure.

D. Wrong: 31% is the answer.

Question 62 Science

Some celestial bodies which do not have their own heat and light are known as :

- A. Sun
- B. Stars
- C. Planets ✓ **Correct answer**
- D. None of these

A. The Sun produces its own heat and light.

B. Stars produce their own heat and light.

C. Planets do not produce their own heat and light; they reflect the Sun's light.

D. Wrong: planets is the answer.

Question 63 English

The antonym of Facsimile is .

- B. Original ✓ **Correct answer**
- C. Reproduction
- D. Engineered

A. Unrelated to copying.

B. A facsimile is a copy/reproduction, so its antonym is 'original'.

C. A synonym of facsimile, not an antonym.

D. Unrelated to copying.

Question 64 English

What is Subway .

- A. None of these
- B. Short passage to any place
- C. Underground passage ✓ **Correct answer**
- D. A road or path raised above ground level

A. Wrong: underground passage is the answer.

B. Too vague and not the definition.

C. A subway is an underground passage (also an underground railway).

D. That describes a flyover/viaduct, the opposite.

Question 65 English

The meaning of idiom out of the blue.

- A. Many times
- B. Once upon a time
- C. Higher than Sky

unexpected way ✓ **Correct answer**

A. That is 'time and again', not this idiom.

B. A story opening, not this idiom.

C. Not the meaning of the idiom.

D. 'Out of the blue' means suddenly and unexpectedly.

Question 66 English (Analogy)

Select the pair which has the same relationship Filter:Water ::

- A. Edit: Text
- B. None of these
- C. Censor : Play ✓ **Correct answer**
- D. Curtail : Activity

A. Editing revises text but is not the same removal-of-unwanted relationship.

B. Wrong: Censor : Play is the answer.

C. A filter removes impurities from water; a censor removes objectionable parts from a play — the same purifying/removing relationship.

D. 'Curtail' means to cut short, not to purify by removal.

Question 67 English

I am envious _____ them .

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

' is not idiomatic.

B. 'Envious about' is not the standard collocation.

C. 'Envious on' is not idiomatic.

D. The correct preposition is 'envious of'.

Question 68 English (Analogy)

Select the pair which has the same relationship. Pork:Pig::

- A. Mutton: Sheep ✓ **Correct answer**
- B. Steer : beef
- C. None of these
- D. Rooster : Chicken

A. Pork is the meat of a pig, just as mutton is the meat of a sheep.

B. The order is reversed (animal : meat would be steer : beef, but the stem is meat : animal).

C. Wrong: Mutton : Sheep is the answer.

D. Rooster is a male chicken, not the meat-animal pair.

Question 69 English (Idiom)

Do not trust a man who blows his own trumpet .

- A. Praises others
- B. Praises himself ✓ **Correct answer**
- C. Flatters
- D. Admonishes others

A. The opposite of the idiom.

ne's own trumpet' means to praise oneself.

C. Flattery is praising others insincerely, not self-praise.

D. Admonishing is scolding, not the idiom's meaning.

Question 70 English (Analogy)

Bull is related to Cow in the same way as :

- A. Stallion: Mare ✓ **Correct answer**
- B. Rooster:Chick
- C. Lion:Cub
- D. Doe:Bunny

A. A bull is the male of a cow, just as a stallion is the male of a mare.

B. A chick is a young chicken, not the female of a rooster (hen).

C. A cub is a young lion, not the female (lioness).

D. A doe is a female deer/rabbit and a bunny is a young rabbit — not a male:female pair.

Question 71 English

Another name of full stop is .

- A. Colon
- B. Dash
- C. Period ✓ **Correct answer**
- D. None of these

A. A colon is the ':' mark.

B. A dash is the '—' mark.

C. A full stop is also called a period (American usage).

erlod is the answer.

Question 72 English

The synonym of Impetuous is :

- A. Violent
- B. Pleasing
- C. Rash ✓ **Correct answer**
- D. Resourceful

A. Violent means forceful/aggressive, not the same as impetuous.

B. The opposite in tone.

C. 'Impetuous' means acting quickly without thought, i.e. rash.

D. Resourceful means clever at solving problems, not impetuous.

Question 73 English

The antonym of Downfall is ?

- A. Below
- B. Rise ✓ **Correct answer**
- C. Balance
- D. Disintegration

A. 'Below' is a position, not an antonym of downfall.

B. The antonym of 'downfall' (a fall/ruin) is 'rise'.

C. Unrelated.

D. Disintegration is closer to a synonym of downfall.

74 English (Analogy)

Select the pair which has the same relationship . Pain : Sedative::

- A. Trance: Narcotic
- B. Ache: Extraction
- C. Grief: Consolation ✓ **Correct answer**
- D. Comfort:Stimulant

A. A narcotic causes a trance, not relieves it.

B. Extraction removes a tooth causing an ache, but it is not a soothing agent.

C. A sedative relieves pain, just as consolation relieves grief — the same relieving relationship.

D. A stimulant excites rather than soothes comfort.

Question 75 Computer

The physical part of a computer is known as

- A. Software
- B. Hardware ✓ **Correct answer**
- C. System unit
- D. Operating system

A. Software is the non-physical programs and instructions.

B. The physical parts of a computer (CPU, keyboard, monitor, etc.) are hardware.

C. Only the main box, not all physical parts.

D. The operating system is software, not physical. (test360's own long explanation under this question is not reproduced; this explanation is original.)

76 Computer

A list of instructions used by computer is called ?

- A. Text
- B. CPU
- C. Program ✓ **Correct answer**
- D. Output

A. Text is just written characters, not instructions.

B. The CPU executes instructions; it is not the list itself.

C. A list of instructions used by a computer is called a program.

D. Output is the result produced, not the instruction list.

Question 77 Computer

MS PowerPoint is example of

- A. Graphics software
- B. Entertainment software
- C. None of these
- D. Multimedia software ✓ **Correct answer**

A. Graphics software is for drawing/images alone.

B. PowerPoint is a productivity tool, not entertainment.

C. Wrong: multimedia software is the book answer.

D. MS PowerPoint, which combines text, images, audio and video, is classed as multimedia software in the MCQ-book scheme.

78 Computer

Which of the following is the file extension of the PowerPoint application ?

- A. PPs.
- B. PPt. ✓ **Correct answer**
- C. None of these
- D. PPf.

A. .pps is the slideshow format, not the standard application extension asked for.

B. The PowerPoint file extension is .ppt (shown here as 'PPt.').

C. Wrong: .ppt is the answer.

D. No such extension.

Question 79 Computer

To store data in the form of Circles is called ?

- A. Subscript
- B. Disc
- C. Sector ✓ **Correct answer**
- D. None of these

Note: **C. Sector** — PICK-ONE (decided by the assistant under the owner's 8 Nov delegation). The stem is garbled: data on a disk is stored in concentric circles called tracks, and each track is divided into sectors — so strictly 'circles' would be tracks, but 'track' is not among the options. Of the options, 'Sector' is the only storage unit on the disk; 'Disc' is the medium itself and 'Subscript' is a text-formatting term. Sector is therefore the intended book answer. *The stem as printed is defective in wording; the answer is the best fit among the given options, recorded openly.*

80 Computer

MS Word is an example of .

- A. System software
- B. Operating system
- C. None of these
- D. Application software ✓ **Correct answer**

A. System software runs the computer itself (e.g. operating systems).

B. An operating system is system software, not Word.

C. Wrong: application software is the answer.

D. MS Word is application software (a program for a specific user task).

Question 81 Computer

Which of the following shortcut key is used to close a tab on a browser

- A. Ctrl+X
- B. Alt+F4
- C. Shift+F4
- D. Ctrl+W ✓ **Correct answer**

A. Ctrl+X cuts selected content.

B. Alt+F4 closes the whole window/application.

C. Not a browser tab-close shortcut.

D. Ctrl+W closes the current tab in a browser.

Question 82 Computer

A common use of computer in office is for ?

- B. Word Processing ✓ **Correct answer**
- C. None of these
- D. Distributed

A. Too vague; data alone is not a use.

B. The most common office use of a computer is word processing.

C. Wrong: word processing is the answer.

D. 'Distributed' is not an office use.

Question 83 Computer

WWW stands for .

- A. World whole web
- B. Web World Wide
- C. Wide World Web
- D. World Wide Web ✓ **Correct answer**

A. Not the expansion.

B. Wrong word order.

C. Wrong word order.

D. WWW stands for World Wide Web.

Question 84 Computer

Which of the following is not a Windows version .

- A. Windows 8
- B. Windows 7
- C. Windows 10

dows 9 ✓ **Correct answer**

A. A real version.

B. A real version.

C. A real version.

D. Microsoft never released a Windows 9 (it went from Windows 8/8.1 to Windows 10).

Question 85 Computer

Which of the following is the most powerful type of computer .

- A. Super Computer ✓ **Correct answer**
- B. Micro Computer
- C. Main frame computer
- D. None of these

A. The supercomputer is the most powerful type of computer.

B. Microcomputers (PCs) are the least powerful class here.

C. Mainframes are powerful but below supercomputers.

D. Wrong: supercomputer is the answer.

Question 86 Computer

Instructions and memory addresses are represented .

- A. Binary codes ✓ **Correct answer**
- B. Character codes
- C. Parity bit
- D. None of these

A. Instructions and memory addresses are represented in binary codes (0s and 1s).

codes (e.g. ASCII) represent text, not instructions/addresses.

C. A parity bit is for error detection, not representation.

D. Wrong: binary codes is the answer.

Question 87 Computer

What we call to a combination of RAW and Column .

- A. Cell ✓ **Correct answer**
- B. Row
- C. Line
- D. Column

A. A cell is the intersection of a row and a column in a spreadsheet. (Source misprint flagged, not silently fixed: the stem as printed says 'RAW' — read 'Row'.)

B. A row alone is not the combination.

C. A line is not the spreadsheet term.

D. A column alone is not the combination.

Question 88 Urdu Literature

Taleem e Balighan drama was written by :

- A. Younas Javaid
- B. None of these
- C. Abdullah Hussain
- D. Khawaja Moinuddin ✓ **Correct answer**

A. Not the author.

B. Wrong: Khawaja Moinuddin is the answer.

Hussain was a novelist ('Udaas Naslein'), not this playwright.

D. 'Taleem-e-Balighan' is the famous stage drama by Khawaja Moinuddin (1950s).

Question 89 Urdu

جتنا قریب اتنا ؟

A. غریب

Correct answer ✓ B. رقیب

C. عجیب

D. ان میں سے کوئی نہیں

A. Does not complete the proverb.

the — (the closer someone is, the more they rival you) 'جتنا قریب اتنا رقیب' **B.** The proverb is

.رقیب rhyme demands

C. Does not complete the proverb.

.is the answer رقیب :**D.** Wrong

Question 90 Urdu

چاند کا مترادف کیا ہے

A. ستارہ

B. سورج

Correct answer ✓ C. مہتاب

D. ان میں سے کوئی نہیں

A. A star, not the moon.

not the moon.

.چاند is the synonym of (moonlight/moon) 'مہتاب' .**C**

.is the answer مہتاب :**D.** Wrong

Question 91 Urdu Literature

اردو کے سب سے بڑے صوفی شاعر کون ہیں

Correct answer ✓ میردرد .A•

امیر خسرو .B•

محمد قلی قطب شاہ .C•

ان میں کوئی نہیں .D•

A. Khwaja Mir Dard is regarded as Urdu's greatest Sufi poet.

B. Amir Khusro was a Persian/Urdu poet of the 13th–14th century, not the leading Sufi poet of Urdu.

C. Quli Qutb Shah was a Deccani poet-king, not the greatest Sufi poet of Urdu.

D. Wrong: Mir Dard is the answer.

Question 92 Urdu Literature

ہاں میں باغی ہوں میں اور میرا پاکستان صنف کے اعتبار سے کیا ہیں ۔

ناول .A•

Correct answer ✓ آپ بیتی .B•

ڈرامہ .C•

ان میں سے کوئی نہیں .D•

ce it is a novel.

B. SINGLE-SOURCE (printed key only; no independent confirmation of this title's genre was found in this session) 'ہاں میں باغی ہوں، میں اور میرا پاکستان' is presented as a personal memoir which fits a first-person 'I am a rebel' life account; it is not a — (autobiography) 'آپ بیتی' — novel, drama or other form.

C. No evidence it is a drama.

D. Not the book answer.

Question 93 Urdu Grammar

اردو گرامر میں مسجد کیا ہے

Correct answer ✓ A. اسم ظرف مکاں

B. اسم ظرف زماں

C. ان میں سے کوئی نہیں

D. اسم نکرہ

A. 'مسجد' (mosque) i.e a noun denoting a place, is اسم ظرفِ مکاں.

B. That is a noun of time, not place.

C. Wrong: اسم ظرف مکاں is the answer.

D. A common noun, not the ظرف category asked for.

Question 94 Urdu (Idiom)

گھوڑے بیچ کر سونا سے کیا مراد ہے

A. پریشانی میں سونا

Correct answer ✓ B. بے فکر ہو کر سونا

C. گھوڑے باندھ کر سونا

D. مستقبل کی فکر کرنا

A. The opposite meaning.

B. 'گھوڑے بیچ کر سونا' means to sleep free of all worry (as if one has sold one's horses and has nothing left to guard).

C. Not the idiom's meaning.

D. The opposite of the idiom's meaning.

Question 95 Urdu Literature

اردو شاعری کا عہد زریں کون سا دور کہلاتا ہے

A. انیسویں صدی کا

Correct answer ✓ B. اٹھارویں صدی کا

C. بیسویں صدی کا

D. ان میں سے کوئی نہیں

A. The 19th century was the age of Ghalib, but not the golden age.

B. The 18th century (the age of Mir, Sauda and Dard) is called the golden age (عہدِ زریں) of Urdu poetry.

C. The 20th century is not called the golden age.

D. Wrong: the 18th century is the answer.

96 Urdu Literature

لیلہ کے خطوط صنف کے اعتبار سے کیا ہیں

A. ڈرامہ •

B. اپ بیتی •

C. ناول ✓ **Correct answer** •

D. ان میں سے کوئی نہیں •

A. It is not a drama.

B. It is a fictional work, not an autobiography.

C. 'لیلہ کے خطوط' by Qazi Abdul Ghaffar is an epistolary novel — the story of Laila told through her letters.

D. Wrong: novel is the answer.

Question 97 Mathematics

0.5×0.06 =

- A. 0.03 ✓ **Correct answer**
- B. 0.3
- C. 3
- D. 0.003

A. 0.5 × 0.06 = 0.030 = 0.03 (5 × 6 = 30, with three decimal places in total).

B. Ten times too large.

C. A hundred times too large.

D. Ten times too small.

98 Mathematics

A positive number when decreased by 4 becomes 21 times its reciprocal. The number is :

- A. 06
- B. 07 ✓ **Correct answer**
- C. 08
- D. 05

A. 6 − 4 = 2, but 21/6 = 3.5, not 2.

B. Let the number be x: x − 4 = 21/x, so $x^2 - 4x - 21 = 0$, i.e. (x − 7)(x + 3) = 0; the positive number is 7.

C. 8 − 4 = 4, but 21/8 = 2.625, not 4.

D. 5 − 4 = 1, but 21/5 = 4.2, not 1.

Question 99 Mathematics

Time and work 12 men can do a piece of work in 10 days. How many men would be required to do the same work in 8 days .

- A. 15 ✓ **Correct answer**
- B. 13
- C. 14
- D. 12

A. 12 men × 10 days = 120 man-days; 120 ÷ 8 days = 15 men.

B. Too few.

C. Too few.

D. That is the number for 10 days, not 8.

Find the value of x when Y=5, if x varies directly as 4y-1 and x=14 when y=2

- A. 28
- B. 38 ✓ **Correct answer**
- C. 35
- D. 10

A. 28 would need k = 28/19, contradicting k = 2.

B. x varies directly as (4y − 1), so x = k(4y − 1). When y = 2, 4y − 1 = 7 and x = 14, so k = 2. When y = 5, 4y − 1 = 19 and x = 2 × 19 = 38.

C. 35 would need 4y − 1 = 17.5, not 19.

D. Far too small.

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