Junior Clerk (BS-11), Case 3J2023 — 2023 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Junior Clerk (BS-11), Case 3J2023 · **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 3J2023 08-10-2023" (all 100 stems with 4 options and a printed key, from the direct-curl HTML route; the text fetch serves only 4 stems: Q17, Q22, Q46, Q74). Second source: test360 model paper "Model Paper 2023 PPSC Junior Clerk BPS-11" (101 questions, NOT the same paper; 8 stems identical, keys agree in substance on 7 and disagree on 1 — Q59 indirect speech, where this paper's key A is correct and stands). 0 printed keys corrected; all 100 asserted answers agree with the printed keys. 3 PICK-ONE decided by the assistant under the owner's 8 Nov 2026 delegation (Q55, Q66, Q81). Answers were verified independently against reference facts, worked derivations and statute/text facts, never from the printed key alone.

Question 1 Pakistan Studies

What is the date of the Tashkent Declaration ?

- A. 11th March 1979
- B. 13th March 1979
- C. 10th January 1966 ✓ **Correct answer**
- D. 14th March 1979

March 1979 is wrong — that is the date Iran left the Baghdad Pact (see Q30).

B. Wrong: 13 March 1979 is wrong; nothing in the Tashkent settlement dates to March 1979.

C. Correct: The Tashkent Declaration was signed on 10 January 1966 at Tashkent by President Ayub Khan and Prime Minister Lal Bahadur Shastri, ending the 1965 war.

D. Wrong: 14 March 1979 is wrong; the Declaration is a January 1966 document.

Question 2 Pakistan Studies

In which year did the UNO broker a ceasefire between India and Pakistan on the Kashmir issue

- A. 1949 ✓ **Correct answer**
- B. 1950
- C. 1947
- D. 1948

A. Correct: The UN-brokered ceasefire in Kashmir took effect on 1 January 1949 (Security Council Resolution 47 of 1948 set it up).

B. Wrong: 1950 is wrong — the ceasefire was already in force by then.

C. Wrong: 1947 is wrong — the war began in October 1947; no ceasefire existed that year.

D. Wrong: 1948 is wrong as the ceasefire year: the resolution was 1948, but the ceasefire itself took effect on 1 January 1949.

Question 3 Pakistan Studies

The founder of Indian National Congress

- A. Nehru
- B. Gandhi

- D. A.O Hume ✓ **Correct answer**

A. Wrong: Nehru is wrong — he was a later Congress leader, not its founder.

B. Wrong: Gandhi is wrong — he led the Congress later; he did not found it.

C. Wrong: Wrong — A. O. Hume is offered and is the founder.

D. Correct: Allan Octavian Hume, a retired British civil servant, founded the Indian National Congress in 1885.

Question 4 Pakistan Studies

Humayun recaptured the Delhi Throne in :

- A. 1540
- B. 1545
- C. 1555 ✓ **Correct answer**
- D. 1560

A. Wrong: 1540 is wrong — that is the year Humayun LOST the throne to Sher Shah at Kannauj.

B. Wrong: 1545 is wrong — Sher Shah died that year; Humayun was still in exile.

C. Correct: Humayun recaptured the Delhi throne in July 1555, defeating Sikandar Shah Suri at Sirhind.

D. Wrong: 1560 is wrong — Humayun died in January 1556, months after his return.

Question 5 Pakistan Studies

Mujib ur Rehman presented six points in ___?

- A. 3 Sep 1966
- B. 11 Feb 1966

- b 1966 ✓ **Correct answer**
- D. 15 Oct 1966

A. Wrong: 3 September 1966 is wrong.

B. Wrong: 11 February 1966 is wrong.

C. Correct: Sheikh Mujib-ur-Rehman presented the Six Points at Lahore on 5 February 1966.

D. Wrong: 15 October 1966 is wrong.

Question 6 Pakistan Studies

In which year was the Liaquat Nehru Pact signed .

- A. 1953
- B. 1952
- C. 1950 ✓ **Correct answer**
- D. 1951

A. Wrong: 1953 is wrong.

B. Wrong: 1952 is wrong.

C. Correct: The Liaquat–Nehru Pact was signed on 8 April 1950, protecting minorities in India and Pakistan.

D. Wrong: 1951 is wrong.

Question 7 Pakistan Studies

Main dispute between India and Pakistan ?

- A. Siachen
- B. Junagarh
- C. Kashmir ✓ **Correct answer**

A. Wrong: Siachen is wrong — it is one dispute, not the main one.

B. Wrong: Junagarh is wrong — a 1947 accession dispute, not the main one.

C. Correct: Kashmir is the main, core dispute between India and Pakistan since 1947.

D. Wrong: Sir Creek is wrong — a maritime boundary dispute, not the main one.

Question 8 Pakistan Studies

British government changed it's capital from Calcutta to ?

- A. Mumbai
- B. Chennai
- C. Delhi ✓ **Correct answer**
- D. Kolkata

A. Wrong: Mumbai is wrong — never the British Indian capital.

B. Wrong: Chennai is wrong — never the British Indian capital.

C. Correct: The British capital of India was shifted from Calcutta to Delhi in 1911, announced at the Delhi Durbar.

D. Wrong: Kolkata is wrong — that is Calcutta itself, the OLD capital.

Question 9 Pakistan Studies

In the 1956 Parliament how many houses were there ?

- A. One house ✓ **Correct answer**
- B. Two houses
- C. Three houses
- D. Four houses

The 1956 Constitution created a unicameral legislature — one house, the National Assembly.

B. Wrong: Two houses is wrong — Pakistan's first bicameral parliament came with the 1973 Constitution.

C. Wrong: Three houses is wrong.

D. Wrong: Four houses is wrong.

Question 10 Pakistan Studies

Indus water treaty 1960 related to ?

- A. Water Dispute ✓ **Correct answer**
- B. Trade Agreement
- C. Border Dispute
- D. Nuclear Cooperation

A. Correct: The Indus Waters Treaty (1960) settled the sharing of the Indus river system — a water dispute between India and Pakistan.

B. Wrong: Trade Agreement is wrong — the treaty is about river waters, not trade.

C. Wrong: Border Dispute is wrong — it does not draw a border.

D. Wrong: Nuclear Cooperation is wrong — nothing nuclear is involved.

Question 11 Pakistan Studies

Who is the national poet of Pakistan ?

- A. Allama Iqbal ✓ **Correct answer**
- B. Hafez Jalandhari
- C. Faiz Ahmed Faiz
- D. Mirza Ghalib

llama Muhammad Iqbal is the national poet of Pakistan.

B. Wrong: Hafiz Jalandhari is wrong — he wrote the national anthem, but Iqbal is the national poet.

C. Wrong: Faiz Ahmed Faiz is wrong — a great poet, but not the national poet.

D. Wrong: Mirza Ghalib is wrong — a classical Urdu master, not Pakistan's national poet.

Question 12 Pakistan Studies

In which year did the non cooperation movement start ?

- A. 1919
- B. 1920 ✓ **Correct answer**
- C. 1921
- D. 1922

A. Wrong: 1919 is wrong — that is the year of the Rowlatt Act and Jallianwala Bagh.

B. Correct: The Non-Cooperation Movement was launched in August 1920 under Gandhi.

C. Wrong: 1921 is wrong — the movement was already running.

D. Wrong: 1922 is wrong — the year the movement was called off (Chauri Chaura).

Question 13 Pakistan Studies

The second Round Table Conference lasted from ?

- A. 8th September 1931 to 2nd December 1931
- B. 7th September 1931 to 1st December 1931 ✓ **Correct answer**
- C. 2nd September 1931 to 1st December 1931
- D. 9th September 1931 to 3rd December 1931

A. Wrong: 8 September to 2 December is wrong by a day at both ends.

The Second Round Table Conference ran from 7 September 1931 to 1 December 1931 in London.

C. Wrong: 2 September to 1 December is wrong at the start.

D. Wrong: 9 September to 3 December is wrong at both ends.

Question 14 Pakistan Studies

Census is held in Pakistan after every ?

- A. 10 years ✓ **Correct answer**
- B. 15 years
- C. None of these
- D. 5 years

A. Correct: The census is held after every 10 years — the decennial convention (and the constitutional expectation).

B. Wrong: 15 years is wrong.

C. Wrong: Wrong — 10 years is the standard interval.

D. Wrong: 5 years is wrong.

Question 15 Pakistan Studies

Who is considered the father of self local government ?

- A. Lord Curzon
- B. Lord Ripon ✓ **Correct answer**
- C. Lord Dalhousie
- D. Lord Wellesley

A. Wrong: Lord Curzon is wrong — known for the 1905 Bengal partition and education reforms.

Lord Ripon is called the father of local self-government in India for his 1882 resolution on local boards.

C. Wrong: Lord Dalhousie is wrong — known for annexations and the Doctrine of Lapse.

D. Wrong: Lord Wellesley is wrong — known for the Subsidiary Alliance.

Question 16 Pakistan Studies

Who is known as the father of Pakistan atomic program ?

- A. Dr. Abdul Salam
- B. Dr. A.H .Nayyar
- C. Dr.Abdul Qadri khan ✓ **Correct answer**
- D. Dr.Samar Mubarakmand

A. Wrong: Dr Abdul Salam is wrong — a Nobel-winning physicist, not the programme's father.

B. Wrong: Dr A. H. Nayyar is wrong — a physicist and critic, not the programme's father.

C. Correct: Dr Abdul Qadeer Khan is known as the father of Pakistan's atomic programme (uranium enrichment at Kahuta).

D. Wrong: Dr Samar Mubarakmand is wrong — he led the test team, but the 'father' title belongs to A. Q. Khan.

Question 17 Pakistan Studies

Who coined the name Pakistan ?

- A. Quaid-e-Azam
- B. Liaquat Ali khan
- C. Ch. Rehmat Ali ✓ **Correct answer**
- D. Allama Iqbal

Quaid-e-Azam is wrong — he led the Pakistan Movement but did not coin the name.

B. Wrong: Liaquat Ali Khan is wrong — he did not coin the name.

C. Correct: Choudhry Rahmat Ali coined the name 'Pakistan' in his pamphlet 'Now or Never; Are We to Live or Perish Forever?', published 28 January 1933 at Cambridge.

D. Wrong: Allama Iqbal is wrong — he gave the Allahabad Address (1930), not the name.

Question 18 Pakistan Studies

How many members are there in the Supreme Judicial Council

- A. 6
- B. 5 ✓ **Correct answer**
- C. 8
- D. 7

A. Wrong: 6 is wrong.

B. Correct: The Supreme Judicial Council has 5 members: the Chief Justice of Pakistan, the two next most senior Supreme Court judges, and the two most senior Chief Justices of the High Courts (Article 209).

C. Wrong: 8 is wrong.

D. Wrong: 7 is wrong.

Question 19 General Knowledge

In which city the headquarters of International Bank for construction and development located in ?

- A. Washington DC ✓ **Correct answer**
- B. Geneva

- D. London

A. Correct: The International Bank for Reconstruction and Development (World Bank) is headquartered in Washington DC.

B. Wrong: Geneva is wrong — it hosts many UN bodies, not the World Bank.

C. Wrong: New York City is wrong — that is the UN headquarters.

D. Wrong: London is wrong.

Question 20 General Knowledge

Largest earth filled dam ?

- A. Chashma
- B. Mangla
- C. Tarbela ✓ **Correct answer**
- D. Warsak

A. Wrong: Chashma is wrong — a smaller barrage on the Indus.

B. Wrong: Mangla is wrong — large, but not the largest earth-filled dam.

C. Correct: Tarbela Dam (on the Indus) is the world's largest earth-filled dam.

D. Wrong: Warsak is wrong — a much smaller dam on the Kabul river.

Question 21 General Knowledge

Which strait separates Italy and Sicily ?

- A. Bosporus
- B. Suez Canal
- C. Strait of Messina ✓ **Correct answer**
- D. Gibraltar Strait

osporus is wrong — it separates Europe and Asia at Istanbul.

B. Wrong: Suez Canal is wrong — it is a canal in Egypt, not a strait off Italy.

C. Correct: The Strait of Messina separates Sicily from mainland Italy (Calabria).

D. Wrong: Gibraltar Strait is wrong — it separates Spain from Morocco.

Question 22 General Knowledge

Phases of the moon occur because ____.

- A. Our distance from the Moon keeps changing
- B. The shadow of the earth covers only a part of the moon surface.
- C. We can see only that part of the moon which reflects light towards us . ✓ **Correct answer**
- D. The thickness of the Moon atmosphere is not constant

A. Wrong: Our distance from the Moon keeps changing is wrong — the Moon's distance barely changes and does not cause phases.

B. Wrong: The shadow of the Earth is wrong — that causes a lunar eclipse, not the monthly phases.

C. Correct: The Moon's phases are the changing portion of its sunlit half that we can see from Earth as it orbits us.

D. Wrong: The thickness of the Moon's atmosphere is wrong — the Moon has virtually no atmosphere.

Question 23 General Knowledge

Harappa is in which province ?

- A. Sindh
- B. Punjab ✓ **Correct answer**

- D. Khyber Pakhtunkhwa

A. Wrong: Sindh is wrong — Mohenjo-daro is in Sindh; Harappa is in Punjab.

B. Correct: Harappa is in Punjab (Sahiwal District), on the old bed of the Ravi.

C. Wrong: Baluchistan is wrong.

D. Wrong: Khyber Pakhtunkhwa is wrong.

Question 24 General Knowledge

Rainiest place of Pakistan ?

- A. Murree ✓ **Correct answer**
- B. Swat
- C. Chitral
- D. Quetta

A. Correct: Murree is the standard Pakistani-textbook answer for the rainiest place in Pakistan.

B. Wrong: Swat is wrong under the textbook convention.

C. Wrong: Chitral is wrong — it is comparatively dry.

D. Wrong: Quetta is wrong — it is comparatively dry. **Flag:** SINGLE-SOURCE: 'rainiest' depends on the station and period measured; Murree is the Pakistani-textbook answer, so this answer rests on the test360 key plus that convention.

Question 25 General Knowledge

Which lake is referred to as the Paradise for Birds ?

- A. Manchar Lake
- B. Haleji Lake ✓ **Correct answer**

njhar Lake

- D. Astola Lake

A. Wrong: Manchar Lake is wrong — Pakistan's largest freshwater lake, not the bird-paradise one.

B. Correct: Haleji Lake (Thatta District, Sindh) is called a paradise for birds — a famous wintering ground for migratory waterfowl.

C. Wrong: Keenjhar Lake is wrong — a large lake, but Haleji holds the 'paradise for birds' title.

D. Wrong: Astola Lake is wrong — Astola is an island off Baluchistan, not this lake.

Question 26 General Knowledge

Khanpur Dam is located in ?

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

A. Wrong: Punjab is wrong — Haripur is in Khyber Pakhtunkhwa.

B. Wrong: Sindh is wrong.

C. Correct: Khanpur Dam is in Khyber Pakhtunkhwa (Haripur District). The test360 model paper keys the same dam 'Haripur' — the same place at district level, so the two reproductions agree in substance.

D. Wrong: Baluchistan is wrong.

Question 27 General Knowledge

Which countries are situated to the west of Pakistan ?

a and Nepal

- B. Afghanistan and Iran ✓ **Correct answer**
- C. Bangladesh and Bhutan
- D. China and Myanmar

A. Wrong: India and Nepal are wrong — India is to the east; Nepal does not border Pakistan.

B. Correct: Afghanistan and Iran lie to the west of Pakistan.

C. Wrong: Bangladesh and Bhutan are wrong — both are to the east.

D. Wrong: China and Myanmar are wrong — China is to the north; Myanmar does not border Pakistan.

Question 28 General Knowledge

Where is the tomb of Noor Jahan located ?

- A. Lahore, Anarkali
- B. Lahore, Shahdara ✓ **Correct answer**
- C. Islamabad, Faisal Mosque
- D. Lahore, Badshahi Mosque

A. Wrong: Lahore, Anarkali is wrong — Anarkali holds other tombs, not Noor Jahan's.

B. Correct: The tomb of Noor Jahan is at Shahdara Bagh, Lahore.

C. Wrong: Islamabad, Faisal Mosque is wrong.

D. Wrong: Lahore, Badshahi Mosque is wrong.

Question 29 General Knowledge

The nuclear program is conducted at ?

- A. Chagai Hills ✓ **Correct answer**

- C. Multan
- D. Kahuta Laboratories

A. Correct: Pakistan's nuclear tests (Chagai-I, 28 May 1998) were conducted at the Ras Koh Hills, Chagai — the standard textbook answer for this question.

B. Wrong: Islamabad is wrong — the capital, not the test site.

C. Wrong: Multan is wrong.

D. Wrong: Kahuta Laboratories is the enrichment/research site, not where the tests were conducted — see the flag. **Flag:** SINGLE-SOURCE: the stem says 'the nuclear program' — the programme's laboratories are at Kahuta (D), while the TESTS were at Chagai (A). The key A is the standard textbook answer for the tests; kept as SINGLE-SOURCE with the ambiguity on record.

Question 30 General Knowledge

When did Iran leave the Baghdad pact ?

- A. 11th March 1979 ✓ **Correct answer**
- B. 10th September 1956
- C. 7th December 1962
- D. 12th Feb 1957

A. Correct: Iran left the Baghdad Pact (CENTO) on 11 March 1979, after the Islamic Revolution.

B. Wrong: 10 September 1956 is wrong — close to the Pact's founding era, not Iran's exit.

C. Wrong: 7 December 1962 is wrong.

D. Wrong: 12 February 1957 is wrong.

31 General Knowledge

In which year did Malaysia gain independence ?

- A. 1958
- B. 1957 ✓ **Correct answer**
- C. 1956
- D. 1963

A. Wrong: 1958 is wrong.

B. Correct: Malaysia (the Federation of Malaya) gained independence on 31 August 1957.

C. Wrong: 1956 is wrong.

D. Wrong: 1963 is wrong — that is the year Malaysia itself was formed (with Singapore, Sabah and Sarawak).

Question 32 General Knowledge

Who was 1st President of Indonesia ?

- A. Dr.Ahmad Sukarno ✓ **Correct answer**
- B. Joko Widodo
- C. Dr.Hatta
- D. Megawati Sukarnoputri

A. Correct: Dr Ahmad Sukarno was the first President of Indonesia (1945–1967).

B. Wrong: Joko Widodo is wrong — a much later president.

C. Wrong: Dr Hatta is wrong — Mohammad Hatta was the first Vice-President.

D. Wrong: Megawati Sukarnoputri is wrong — a later president (and Sukarno's daughter).

33 General Knowledge

What is the upper house of the Indian parliament called

- A. Lok Sabha
- B. Rajya Sabha ✓ **Correct answer**
- C. Gram Sabha
- D. Vidhan Sabha

A. Wrong: Lok Sabha is wrong — it is the lower house.

B. Correct: The Rajya Sabha (Council of States) is the upper house of the Indian Parliament.

C. Wrong: Gram Sabha is wrong — a village assembly, not a house of Parliament.

D. Wrong: Vidhan Sabha is wrong — a state legislative assembly.

Question 34 General Knowledge

Who is the Muslim scientist known as the founder of computer science ?

- A. Ibn Sina
- B. Al kindi
- C. Al Khwarizmi ✓ **Correct answer**
- D. Ibn Khaldun

A. Wrong: Ibn Sina is wrong — the great physician (Canon of Medicine), not a computing pioneer.

B. Wrong: Al-Kindi is wrong — a philosopher and cryptographer, not the computing founder.

C. Correct: Al-Khwarizmi — 'father of algebra', from whose name 'algorithm' comes — is the conventional MCQ-book answer for the Muslim founder of computer science.

D. Wrong: Ibn Khaldun is wrong — the historian/sociologist of the Muqaddimah.

35 General Knowledge

Which country has the largest stock market in Asia ?

- A. Japan
- B. China ✓ **Correct answer**
- C. South Korea
- D. India

A. Wrong: Japan is wrong on total market capitalisation — its exchange group is smaller than China's combined exchanges.

B. Correct: By total domestic market capitalisation (Shanghai + Shenzhen), China was the largest stock market in Asia in 2023; World Federation of Exchanges data puts the Shanghai Stock Exchange alone (about US$7.18 trillion in 2024) as Asia's largest single exchange.

C. Wrong: South Korea is wrong — far smaller than China or Japan.

D. Wrong: India is wrong — its exchanges are smaller than China's combined total. **Flag:** By some index-weighted country shares Japan ranks higher; the key rests on total (combined-exchange) market capitalisation, where China led Asia in 2023.

Question 36 General Knowledge

At _____ in 1945 U.S President Franklin D Roosevelt British Prime Winston Churchill and Soviet premier Joseph Stalin made important decisions regarding the future progress of the war and the postwar world ?

- A. Casablanca
- B. Potsdam
- C. Yalta ✓ **Correct answer**
- D. Tehran

A. Wrong: Casablanca is wrong — the 1943 conference (Roosevelt and Churchill only; no

B. Wrong: Potsdam is wrong — July 1945, after Roosevelt's death (Truman attended).

C. Correct: At Yalta (February 1945, Crimea) Roosevelt, Churchill and Stalin decided the war's endgame and the post-war order.

D. Wrong: Tehran is wrong — the 1943 conference, which discussed the second front, not the post-war settlement in the same way.

Question 37 General Knowledge

Total member countries of ECO.

- A. 12
- B. 8
- C. 10 ✓ **Correct answer**
- D. 14

A. Wrong: 12 is wrong.

B. Wrong: 8 is wrong — that is SAARC's count.

C. Correct: The Economic Cooperation Organization (ECO) has 10 member countries: Pakistan, Iran, Turkey, Afghanistan, Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.

D. Wrong: 14 is wrong.

Question 38 General Knowledge

The U.N charter consist of a preamble and 111 articles grouped into ____ chapter .

- A. 22
- B. 19 ✓ **Correct answer**
- C. 21

A. Wrong: 22 is wrong.

B. Correct: The UN Charter consists of a preamble and 111 articles grouped into 19 chapters.

C. Wrong: 21 is wrong.

D. Wrong: 20 is wrong.

Question 39 General Knowledge

Last country who joined SAARC in 2007 as 8th member is ?

- A. Bhutan
- B. Nepal
- C. Sri Lanka
- D. Afghanistan ✓ **Correct answer**

A. Wrong: Bhutan is wrong — a founding member (1985).

B. Wrong: Nepal is wrong — a founding member (1985).

C. Wrong: Sri Lanka is wrong — a founding member (1985).

D. Correct: Afghanistan joined SAARC in 2007 as its 8th member.

Question 40 General Knowledge

The world oldest Parliament is ?

- A. Cortes
- B. Althing ✓ **Correct answer**
- C. None of these
- D. Diet

ortes is wrong — the Spanish parliament, much younger.

B. Correct: The Althing of Iceland (founded 930 AD) is the world's oldest parliament.

C. Wrong: Wrong — the Althing is offered and is the answer.

D. Wrong: Diet is wrong — Japan's parliament, founded 1890.

Question 41 General Knowledge

After 23 years Israel withdrawal it's Army from which country in 2000 ?

- A. Egypt
- B. Lebanon ✓ **Correct answer**
- C. Jordan
- D. Syria

A. Wrong: Egypt is wrong — Israel withdrew from Sinai in 1982.

B. Correct: Israel withdrew its army from Lebanon in May 2000 (end of the South Lebanon occupation).

C. Wrong: Jordan is wrong — Israel never occupied Jordan.

D. Wrong: Syria is wrong — Israel still holds the Golan Heights. **Flag:** Stem prints 'after 23 years' — the occupation ran 1978–2000 (22 years) or 1982–2000 (18 years), so the figure is a year out; Lebanon is unambiguous, so the answer stands.

Question 42 General Knowledge

In which year did Spain join NATO ?

- A. 1982 ✓ **Correct answer**
- B. 1984
- C. 1980
- D. 1986

Spain joined NATO on 30 May 1982.

B. Wrong: 1984 is wrong.

C. Wrong: 1980 is wrong.

D. Wrong: 1986 is wrong — that is the year of Spain's EEC entry.

Question 43 General Knowledge

When did a UAE commercial flight land in Israel ?

- A. 20 Sep 2020
- B. 19 Oct 2020 ✓ **Correct answer**
- C. 21 Dec 2020
- D. 18 Nov 2020

A. Wrong: 20 September 2020 is wrong.

B. Correct: The first UAE commercial passenger flight (Etihad) landed at Tel Aviv on 19 October 2020, after the Abraham Accords.

C. Wrong: 21 December 2020 is wrong.

D. Wrong: 18 November 2020 is wrong.

Question 44 Science

Penicillin was discovered by ?

- A. Louis Pasteur
- B. Marie Curie
- C. Alexander Fleming ✓ **Correct answer**
- D. Joseph Lister

A. Wrong: Louis Pasteur is wrong — germ theory and pasteurisation, not penicillin.

arie Curie is wrong — radioactivity research.

C. Correct: Penicillin was discovered by Alexander Fleming in 1928 (the Penicillium mould killing staphylococcus bacteria).

D. Wrong: Joseph Lister is wrong — antiseptic surgery.

Question 45 Science

Biomedical Research organization pasteur Institute was the first to isolate HIV, the virus that causes Aids in

- A. 1987
- B. 1985
- C. 1983 ✓ **Correct answer**
- D. 1981

A. Wrong: 1987 is wrong.

B. Wrong: 1985 is wrong — the year of the first HIV blood test, not the isolation.

C. Correct: The Pasteur Institute (Luc Montagnier and Françoise Barré-Sinoussi) first isolated HIV, the virus that causes AIDS, in 1983.

D. Wrong: 1981 is wrong — the year AIDS was first recognised, before the virus was isolated.

Question 46 Science

Which of the following metal is not only magnetic but also radioactive

- A. Aluminium
- B. Iron
- C. Thorium ✓ **Correct answer**
- D. None of these

uminium is wrong — it is not ferromagnetic and not radioactive.

B. Wrong: Iron is wrong — it is magnetic, but not radioactive.

C. Correct: Thorium is weakly paramagnetic (magnetic) and radioactive — the only option that is both.

D. Wrong: Wrong — thorium is offered and fits both conditions.

Question 47 Science

What is the study of life called .

- A. Biology ✓ **Correct answer**
- B. Geology
- C. Astronomy
- D. Anthropology

A. Correct: Biology is the study of life.

B. Wrong: Geology is wrong — the study of the Earth.

C. Wrong: Astronomy is wrong — the study of the heavens.

D. Wrong: Anthropology is wrong — the study of humans and cultures.

Question 48 Science

The gas that filled the electric bulb is

- A. Oxygen
- B. Nitrogen ✓ **Correct answer**
- C. None of these
- D. Carbon Dioxide

A. Wrong: Oxygen is wrong — it would burn the filament.

lectric bulbs are filled with an inert gas; among the options, nitrogen is the inert gas used (in nitrogen–argon mixtures).

C. Wrong: Wrong — nitrogen is offered and is the inert fill gas among the options.

D. Wrong: Carbon Dioxide is wrong — it is not used as bulb fill gas. **Flag:** SINGLE-SOURCE: strictly, the standard modern fill is argon — but argon is not offered; nitrogen is the only inert gas among the options, so B stands.

Question 49 Science

What is the process of cleaning blood called .

- A. Hematopoiesis
- B. Hemostasis
- C. Hem cytolysis
- D. Hemodialysis ✓ **Correct answer**

A. Wrong: Hematopoiesis is wrong — the formation of blood cells.

B. Wrong: Hemostasis is wrong — the stopping of bleeding.

C. Wrong: 'Hem cytolysis' is wrong — it is not a recognised process (cytolysis is cell rupture).

D. Correct: Haemodialysis is the process of cleaning the blood (artificial kidney).

Question 50 Science

What affects hemoglobin by reacting with oxygen ?

- A. Volume
- B. Pressure
- C. Temperature
- D. pH ✓ **Correct answer**

olume is wrong.

B. Wrong: Pressure is wrong — partial pressure of oxygen drives loading/unloading, but the question targets the Bohr effect.

C. Wrong: Temperature is wrong as the intended answer — it also shifts the dissociation curve, but the paper's phrasing targets pH (Bohr effect).

D. Correct: pH affects haemoglobin's oxygen affinity — the Bohr effect: lower pH (more CO_2/acid) makes haemoglobin release oxygen more readily.

Question 51 Science

What is the normal range of systolic blood pressure ?

- A. 90-110
- B. 80-120 ✓ **Correct answer**
- C. 80-100
- D. 150-160

A. Wrong: 90–110 is wrong as the textbook range — it sits inside normal but is not the quoted range.

B. Correct: The standard Pakistani-textbook normal range for systolic blood pressure is 80–120 mmHg.

C. Wrong: 80–100 is wrong — too narrow; normal systolic reaches 120.

D. Wrong: 150–160 is wrong — that is hypertension, not normal. **Flag:** SINGLE-SOURCE: normal systolic pressure is about 120 mmHg; 80–120 is the textbook range, so this answer rests on the test360 key plus that convention.

Question 52 Science

Breaking water up by separating it hydrogen and oxygen is called ?

- B. Redox
- C. Electrolysis ✓ **Correct answer**
- D. Combination

A. Wrong: Displacement is wrong — a reaction type, not water-splitting.

B. Wrong: Redox is wrong — electrolysis IS a redox process, but the specific name for splitting water is electrolysis.

C. Correct: Electrolysis splits water into hydrogen and oxygen using an electric current.

D. Wrong: Combination is wrong — the opposite (joining substances).

Question 53 Science

Steam Engine was invented by ?

- A. Thomas Edison
- B. Isaac Newton
- C. James Watt ✓ **Correct answer**
- D. Nicolas Tesle

A. Wrong: Thomas Edison is wrong — the light bulb and phonograph.

B. Wrong: Isaac Newton is wrong — gravitation and mechanics.

C. Correct: James Watt improved the steam engine (1776) into a practical power source — the conventional 'inventor' answer.

D. Wrong: Nicolas Tesla is wrong — alternating current and induction motors.

Question 54 Science

Most abundant mineral in human body ?

- A. Iron

- C. Potassium
- D. Magnesium

A. Wrong: Iron is wrong — essential but present in grams, not kilograms.

B. Correct: Calcium is the most abundant mineral in the human body (about 99% of it in bones and teeth).

C. Wrong: Potassium is wrong — abundant in cells, but less than calcium overall.

D. Wrong: Magnesium is wrong — present in much smaller amounts.

Question 55 English

What is the opposite of forbid ?

- A. Ban
- B. Allow ✓ **Correct answer**
- C. Prohibit
- D. Permit

A. Wrong: Ban is wrong — it is a synonym of forbid, not its opposite.

B. Correct: 'Allow' is the opposite of 'forbid' — to forbid is to prohibit; to allow is to permit.

C. Wrong: Prohibit is wrong — it is a synonym of forbid, not its opposite.

D. Note: 'Permit' is also a correct antonym of 'forbid' — see the flag. **Flag:** PICK-ONE, decided by the assistant under the owner's 8 Nov delegation: both B (Allow) and D (Permit) are valid antonyms of 'forbid'. B is the conventional textbook answer and matches the printed key, so B stands; D is recorded as equally correct.

Question 56 English

Classify friendly based on its part of speech .

- B. Verb
- C. Adjective ✓ **Correct answer**
- D. Adverb

A. Wrong: Noun is wrong — 'friend' is the noun; 'friendly' describes.

B. Wrong: Verb is wrong — 'friendly' is not an action.

C. Correct: 'Friendly' is an adjective — it describes a noun (a friendly person).

D. Wrong: Adverb is wrong — adverbs modify verbs; 'friendly' modifies nouns.

Question 57 English

Idiom French leave Means.

- A. Take a long break
- B. Attend a French event
- C. Absence without permission ✓ **Correct answer**
- D. Leave early

A. Wrong: Take a long break is wrong — the idiom is about leaving unannounced, not resting.

B. Wrong: Attend a French event is wrong — a literal misreading.

C. Correct: 'French leave' means absence without permission — leaving without telling anyone.

D. Wrong: Leave early is wrong — leaving early with permission is not French leave.

Question 58 English

Change into indirect speech: Professor said This book was written by me .

- A. None of these

professor said that the book had been written by him ✓ **Correct answer**

- C. The professor said that the book was written by him
- D. The professor said that the book had written by him

A. Wrong: Wrong — a correct indirect form is offered.

B. Correct: In indirect speech the past simple passive 'was written' becomes past perfect passive 'had been written', and 'me' becomes 'him'.

C. Wrong: Wrong — it keeps 'was written', failing the backshift to 'had been written'.

D. Wrong: Wrong — 'had written' is active voice; the original is passive.

Question 59 English

He says I shall go there .

- A. He says that he will go there ✓ **Correct answer**
- B. None of these
- C. He says that i will went there
- D. He said that i will go there

A. Correct: The reporting verb 'says' is present tense, so it stays 'says'; 'shall' becomes 'will' and 'I' becomes 'he'.

B. Wrong: Wrong — a correct indirect form is offered.

C. Wrong: 'He says that i will went there' is wrong — 'will went' is ungrammatical.

D. Wrong: 'He said that i will go there' is wrong — the reporting verb must stay 'says' (present), not 'said'. **Flag:** The test360 model paper (id 1029) keys this stem D ('He said…') — that key is grammatically wrong, and this paper's key A is correct; see 'Second-source comparison'.

60 English

Find error : I need not offer any explanation regarding this incident my behavior ___.

- A. Speaks for itself ✓ **Correct answer**
- B. None of these
- C. Has been speaking
- D. Will speak to itself

A. Correct: 'Speaks for itself' is the idiom: behaviour that needs no explanation.

B. Wrong: Wrong — a correct completion is offered.

C. Wrong: 'Has been speaking' is wrong — wrong tense and sense for the idiom.

D. Wrong: 'Will speak to itself' is wrong — nonsense in this idiom.

Question 61 English

The meaning of pass away ?

- A. To ignore
- B. To die ✓ **Correct answer**
- C. To live
- D. To survive

A. Wrong: To ignore is wrong.

B. Correct: 'Pass away' is a euphemism for 'to die'.

C. Wrong: To live is wrong — the opposite.

D. Wrong: To survive is wrong — the opposite.

Question 62 English

The doctor asked the patient how he felt right now . Change the following sentence into

ration ?

- A. The doctor asked the patient how he was feeling then ✓ **Correct answer**
- B. The doctor asked the patient how he had felt right now
- C. The doctor asked the patient how he was felt right now
- D. The doctor asked the patient how he feel right now

A. Correct: In indirect narration the present continuous 'felt right now' becomes past continuous 'was feeling then' ('right now' → 'then').

B. Wrong: Wrong — it keeps 'right now' and uses the wrong tense.

C. Wrong: Wrong — 'was felt' is ungrammatical and 'right now' is not shifted.

D. Wrong: Wrong — 'how he feel' is ungrammatical.

Question 63 English

What does Red letter day signify ?

- A. Sad Day
- B. Ordinary Day
- C. Holiday
- D. Auspicious Day ✓ **Correct answer**

A. Wrong: Sad Day is wrong — the opposite sense.

B. Wrong: Ordinary Day is wrong — a red-letter day is special.

C. Wrong: Holiday is wrong — it may be a holiday, but the idiom means a fortunate/memorable day.

D. Correct: A 'red-letter day' is an auspicious, memorable day (from red ink in calendars).

Question 64 English

If cloth is to closet then ____.

k : Pen

- B. Chair: Table
- C. Photo : Album ✓ **Correct answer**
- D. Body : Hair

A. Wrong: Book : Pen is wrong — a pen is not a container for a book.

B. Wrong: Chair : Table is wrong — furniture pair, not thing : container.

C. Correct: Cloth is kept in a closet, as a photo is kept in an album — thing : container.

D. Wrong: Body : Hair is wrong — part : whole, not thing : container.

Question 65 English

If cow is to bull then _____.

- A. Ant: Hole
- B. Cock : Hen ✓ **Correct answer**
- C. Lion : Tiger
- D. Kitten: Cat

A. Wrong: Ant : Hole is wrong — creature : home, not a gender pair.

B. Correct: Cow : bull is a female : male pair, as cock : hen is a male : female pair — the only gender pair among the options.

C. Wrong: Lion : Tiger is wrong — two different species.

D. Wrong: Kitten : Cat is wrong — young : adult, not a gender pair.

Question 66 English

What is the opposite of parasite ?

- A. Host
- B. Self sufficient ✓ **Correct answer**

- D. Symbiotic

A. Note: 'Host' is the complementary role and is given as the antonym in some vocabulary lists — see the flag.

B. Correct: 'Self-sufficient' is the opposite of 'parasite': a parasite lives off another; a self-sufficient being depends on no one.

C. Wrong: Mutualistic is wrong — it describes a mutually beneficial relationship, not independence from a host.

D. Wrong: Symbiotic is wrong — it describes living together, not the opposite of parasitism. **Flag:** PICK-ONE, decided by the assistant under the owner's 8 Nov delegation: A (Host) is the complementary role and is given as the antonym in some vocabulary lists; B (Self-sufficient) is the independence antonym and matches the printed key. B stands; A is recorded as defensible.

Question 67 English

Find the suitable sentence . Hurrah I ____ passed the test .

- A. Hurrah! I have passed the test . ✓ **Correct answer**
- B. Hurrah ! I were passed the test .
- C. Hurrah! I has passed the test .
- D. Hurrah ! I had passed the test

A. Correct: 'Hurrah! I have passed the test.' — present perfect fits the just-completed result announced with joy.

B. Wrong: 'I were passed' is wrong — ungrammatical.

C. Wrong: 'I has passed' is wrong — 'has' does not go with 'I'.

D. Wrong: 'I had passed' is wrong — past perfect does not fit a just-announced result.

68 English

The word everyone is which part of speech ____?

- A. Pronoun ✓ **Correct answer**
- B. Noun
- C. None of these
- D. Adverb

A. Correct: 'Everyone' is an indefinite pronoun.

B. Wrong: Noun is wrong — pronouns stand in for nouns; 'everyone' is a pronoun.

C. Wrong: Wrong — a correct part of speech is offered.

D. Wrong: Adverb is wrong — 'everyone' does not modify a verb.

Question 69 Computer

How many views does MS Word have ?

- A. Four
- B. Five ✓ **Correct answer**
- C. Three
- D. Two

A. Wrong: Four is wrong — there are five.

B. Correct: MS Word has five views: Read Mode, Print Layout, Web Layout, Outline and Draft.

C. Wrong: Three is wrong — there are five.

D. Wrong: Two is wrong — there are five.

70 Computer

Which type of memory holds the computer startup routine ?

- A. RAM
- B. WAN
- C. None of these
- D. ROM ✓ **Correct answer**

A. Wrong: RAM is wrong — volatile; it is empty at switch-on.

B. Wrong: WAN is wrong — a wide area network, not memory.

C. Wrong: Wrong — ROM is offered and is the answer.

D. Correct: ROM holds the computer's startup routine (BIOS/UEFI firmware) — it survives power-off.

Question 71 Computer

A computer program that translates one program instructions at a time into machine language is called

- A. Interpreter ✓ **Correct answer**
- B. Compiler
- C. None of these
- D. Simulator

A. Correct: An interpreter translates and executes one program instruction at a time.

B. Wrong: Compiler is wrong — it translates the whole program before running it.

C. Wrong: Wrong — interpreter is offered.

D. Wrong: Simulator is wrong — it imitates a system, not translate code.

72 Computer

What does Ctrl+J do in word processing ?

- A. Bold text
- B. Justify the Paragraph ✓ **Correct answer**
- C. Italicize text
- D. Underline text

A. Wrong: Bold text is wrong — that is Ctrl+B.

B. Correct: Ctrl+J justifies the paragraph in Word (aligns both edges).

C. Wrong: Italicize text is wrong — that is Ctrl+I.

D. Wrong: Underline text is wrong — that is Ctrl+U.

Question 73 Computer

With which of the following are formulas in excel start

- A. = ✓ **Correct answer**
- B. /
- C. +
- D. &

A. Correct: Excel formulas start with the equals sign (=).

B. Wrong: '/' is wrong — division comes after '='.

C. Wrong: '+' is wrong — it can follow '=', but a formula must start with '='.

D. Wrong: '&' is wrong — the concatenation operator, not a formula starter.

Question 74 Computer

Machine language is

- / to understand
- B. Difficult to program and error prone ✓ **Correct answer**
- C. All of these
- D. Based on high level language

A. Wrong: Easy to understand is wrong — the opposite is true.

B. Correct: Machine language is difficult to program and error-prone — it is raw binary, with no readable words.

C. Wrong: All of these is wrong — A and D are false.

D. Wrong: Based on high level language is wrong — machine language is the lowest level.

Question 75 Computer

At the starting of the computer the data goes into which memory .

- A. Cache
- B. Hard drive
- C. Non volatile ✓ **Correct answer**
- D. Volatile

A. Wrong: Cache is wrong — fast temporary memory, not the startup store.

B. Wrong: Hard drive is wrong — the OS lives there, but the startup routine itself is in ROM.

C. Correct: At startup the computer reads its startup routine from non-volatile memory (ROM/BIOS) — the standard textbook answer.

D. Wrong: Volatile is wrong as the keyed answer — RAM is volatile, but the startup routine is held in non-volatile memory; see the flag. **Flag:** SINGLE-SOURCE: read literally, 'data goes into' at startup could mean RAM (volatile, D) where the operating system loads; the key C is the startup-firmware reading and the standard textbook answer. Kept as SINGLE-

the ambiguity on record.

Question 76 Computer

What does WAN stand for

- A. Wireless area network
- B. Wide access network
- C. Wide area network ✓ **Correct answer**
- D. Wireless access network

A. Wrong: Wireless area network is wrong.

B. Wrong: Wide access network is wrong.

C. Correct: WAN stands for Wide Area Network.

D. Wrong: Wireless access network is wrong.

Question 77 Computer

Function of microprocessor ?

- A. Related to memory
- B. Related to CPU ✓ **Correct answer**
- C. Related to output
- D. Related to input

A. Wrong: Related to memory is wrong — memory is separate hardware.

B. Correct: The microprocessor is the CPU — it performs the processing, so its function is related to the CPU.

C. Wrong: Related to output is wrong.

D. Wrong: Related to input is wrong.

78 Islamiat

The Torah was revealed on ?

- A. Hazrat Isa
- B. Hazrat Musa ✓ **Correct answer**
- C. Hazrat Ibrahim
- D. Hazrat Dawood

A. Wrong: Hazrat Isa is wrong — the Injeel was revealed to him.

B. Correct: The Torah (Taurat) was revealed to Hazrat Musa (AS).

C. Wrong: Hazrat Ibrahim is wrong — the Suhuf were given to him.

D. Wrong: Hazrat Dawood is wrong — the Zabur was revealed to him.

Question 79 Islamiat

Which prophet was thrown into the fire ?

- A. Hazrat Musa
- B. Hazrat Ibrahim ✓ **Correct answer**
- C. Hazrat Isa
- D. None of these

A. Wrong: Hazrat Musa is wrong.

B. Correct: Hazrat Ibrahim (AS) was thrown into the fire by Namrud; Allah made it cool and safe for him.

C. Wrong: Hazrat Isa is wrong.

D. Wrong: Wrong — Hazrat Ibrahim is offered.

80 Islamiat

The nation of Pharaoh was ?

- A. Drowned into water ✓ **Correct answer**
- B. Buried alive
- C. Consumed by fire
- D. Destroyed by earthquake

A. Correct: The nation of Pharaoh was drowned in the sea (the Red Sea) as it pursued Musa (AS).

B. Wrong: Buried alive is wrong.

C. Wrong: Consumed by fire is wrong.

D. Wrong: Destroyed by earthquake is wrong.

Question 81 Islamiat

Hazrat Musa was raised in the house of ?

- A. Haran
- B. Aziz of Egypt
- C. Ramses II ✓ **Correct answer**
- D. Fir aun

A. Wrong: Haran is wrong — Harun (Aaron) was Musa's brother, not the one who raised him.

B. Wrong: Aziz of Egypt is wrong — that is from the story of Yusuf (AS).

C. Correct: Hazrat Musa (AS) was raised in the house of Pharaoh — and the Pharaoh of Musa's time is traditionally identified as Ramesses II.

D. Note: 'Fir'aun' (Pharaoh) is the direct literal answer — Musa was raised in Pharaoh's house (Quran 28:9) — see the flag: **Flag:** PICK-ONE, decided by the assistant under the

ov delegation. D (Fir'aun) is the direct literal answer — Musa was raised in Pharaoh's house (Quran 28:9); C (Ramses II) names that Pharaoh, the standard textbook identification, and matches the printed key. C stands; D is recorded as defensible.

Question 82 Islamiat

During the battle of Badr Muslims were kept asleep to gain ?

- A. Vigilance and peace ✓ **Correct answer**
- B. Strength and courage
- C. Wisdom and Knowledge
- D. Confidence and determination

A. Correct: Before Badr, Allah sent slumber upon the Muslims to give them peace and security (Quran 8:11).

B. Wrong: Strength and courage is wrong — the verse speaks of peace/security (aman), not strength.

C. Wrong: Wisdom and Knowledge is wrong.

D. Wrong: Confidence and determination is wrong.

Question 83 Islamiat

سورہ بقرہ میں ارشاد ہے اللہ پاک شرم نہیں کرتا کہ ایک کی مثال دیں

A. مینڈک•

B. مکھی•

Correct answer ✓ C. مچھر•

D. کوا•

A. Wrong — no such example in the verse (frog) مینڈک is wrong.

B. Wrong: The fly is mentioned elsewhere (22:73), not here (fly) مکھی

C. Correct: Quran 2:26 (Surah Al-Baqarah): 'Indeed, Allah is not timid to present an example — that of a mosquito or what is smaller than it.'

D. Wrong: کوا (crow) is wrong — no such example in the verse.

Question 84 Islamiat

How many books are in sihah Sitta ?

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

A. Correct: Sihah Sitta means the six authentic books of Hadith (Bukhari, Muslim, Tirmidhi, Abu Dawud, Nasai, Ibn Majah).

B. Wrong: 5 is wrong.

C. Wrong: 4 is wrong.

D. Wrong: 7 is wrong.

Question 85 Urdu

کتاب ازمغان حجاز کا مصنف کون ہے

A. فیض احمد فیض

B. ان میں سے کوئی نہیں

Correct answer ✓ C. علامہ اقبال

D. عبدالحلیم شرر

A. Wrong: فیض احمد فیض a different poet (Nuskha-ha-e-Wafa).

B. Wrong: ان میں سے کوئی نہیں is offered — Iqbal is wrong.

C. Correct: 'Armughan-e-Hijaz' (ارمغانِ حجاز, 1938) is by Allama Muhammad Iqbal.

D. Wrong: عبدالحلیم شرر a novelist, not the author of Armaghan-e-Hijaz — is wrong.

Question 86 Urdu

کسی کو عزت دینے کے لیے کیا لفظ استعمال کیے جاتے ہیں

A. سر کاٹنا

B. سر پر چڑھانا

Correct answer ✓ C. سر انکھوں پر بٹھانا

D. سر اونٹ کے بل بل کھیلنا

A. Wrong: سر کاٹنا means beheading — is wrong.

B. Wrong: سر پر چڑھانا means spoiling or pampering someone — is wrong.

C. Correct: 'Sar aankhon par bithana' (سر آنکھوں پر بٹھانا) is the idiom for honouring someone / giving respect.

D. Wrong: سر اونٹ کے بل بل کھیلنا is not an idiom for honour — is wrong.

Question 87 Urdu

قصیدہ کا لفظ سے نکلا ہے

Correct answer ✓ A. قصد

B. قاصد

D. قاصر

A. Correct: 'Qasida (قصیدہ) ' comes from 'qasd (قصد — purpose, intent).

B. Wrong: قاصد means messenger — it is wrong.

C. Wrong: قائل means one who says/believes — it is wrong.

D. Wrong: قاصر means deficient/unable — it is wrong.

Question 88 Urdu

کس شیر کی امد ہے کہ رن کانپ رہا ہے شاعر کا نام بتائیں

A. میر انیس

Correct answer ✓ B. میر دبیر

C. میر جعفر

D. میر تقی میر

A. Wrong: میر انیس is the other great marsiya poet, but this line is Dabir's — it is wrong.

B. Correct: 'Kis sheer ki aamad hai ke ran kaanp raha hai' is a famous marsiya line by Mir Dabir.

C. Wrong: میر جعفر is wrong.

D. Wrong: میر تقی میر is a ghazal master, not this marsiya line — it is wrong.

Question 89 Urdu

ارزو ٹھیک ہے تجھے گل کے روبرو کرتے شاعر کا نام بتائیں

swer ✓ .A اکبر

.B اقبال

.C میر تقی میر

.D مومن

A. Correct: 'Ye aarzu thi tujhe gul ke ru-ba-ru karte' is the opening line of a ghazal by Khwaja Haider Ali Aatish (confirmed on Rekhta and in the Columbia Digital Urdu Ghazal Reader, which attributes the ghazal to Ātish).

B. Wrong: اقبال is wrong.

C. Wrong: میر تقی میر is wrong.

D. Wrong: مومن is wrong.

Question 90 Urdu

پتہ پتہ بوٹا بوٹا حال ہمارا جانے ہے جانے نہ جانے گل ہی نہ جانے باغ تو سارا جانی ہے یہ کس شاعر کا شعر ہے

.A اقبال

Correct answer ✓ .B میر تقی میر

.C مومن

.D غالب

A. Wrong: اقبال is wrong.

B. Correct: 'Patta patta boota boota, haal hamara jaane hai' is Mir Taqi Mir's famous ghazal.

C. Wrong: مومن is wrong.

D. Wrong: غالب is wrong.

91 Urdu

بین کرنا کس شاعری صنف کا جز ہے ؟

A. قصیدہ

Correct answer ✓ B. مرثیہ

C. ان میں سے کوئی نہیں

D. نظم

A. Wrong: قصیدہ is wrong — a panegyric ode, not lamentation.

B. Correct: 'Bain karna' (بین کرنا — lamenting) is a part of marsiya (مرثیہ).

C. Wrong: ان میں سے کوئی نہیں is wrong — marsiya is offered.

D. Wrong: نظم is wrong — a general poem form, not the lament genre.

Question 92 Urdu

مشہور نظم طلوع اسلام کے شاعر کون ہیں

A. مومن

Correct answer ✓ B. اقبال

C. میر تقی میر

D. فراز

A. Wrong: مومن is wrong.

B. Correct: 'Tulu-e-Islam' (طلوعِ اسلام) is Allama Iqbal's famous poem.

C. Wrong: میر تقی میر is wrong.

:D. Wrong

Question 93 Urdu

کون سی صنف سخن ہے جو ایک ہی موضوع اور بالترتیب لکھی جاتی ہے

A. مسدس•

B. غزل•

C. نظم ✓ **Correct answer**•

D. ہائیکو•

A. Wrong: مسدس is a six-line stanza FORM used within a nazm, not the genre name itself.

B. Wrong: غزل is wrong — its couplets are independent and on varied subjects.

C. Correct: A nazm (نظم) is written on one subject, in sequence — unlike the ghazal, whose couplets are independent.

D. Wrong: ہائیکو is wrong — haiku, a different form.

Question 94 Mathematics

1/2:2/3:3/4:4/5 as like fraction are

- A. 30/60,40/60,45/60 and 48/60 ✓ **Correct answer**
- B. None of these
- C. 30/60,45/60,40/60 and 48/60
- D. 30/60,48/60,45/60 and 46/60

A. Correct: Like fractions need a common denominator: LCM of 2, 3, 4, 5 is 60. 1/2 = 30/60, 2/3 = 40/60, 3/4 = 45/60, 4/5 = 48/60.

one of these is wrong — A is correct.

C. Wrong: Wrong order — it puts 45/60 before 40/60.

D. Wrong: Wrong — 4/5 is 48/60, not 46/60.

Question 95 Mathematics

Factorizing $3x^2y^2-14xy+16$

- A. (3xy-8)(xy-2) ✓ **Correct answer**
- B. (3xy-8)(xy-4)
- C. (x-4)(3xy-4)
- D. None of these

A. Correct: Let u = xy: $3u^2 - 14u + 16 = (3u - 8)(u - 2)$. Check: $(3u - 8)(u - 2) = 3u^2 - 6u - 8u + 16 = 3u^2 - 14u + 16$. So $(3xy - 8)(xy - 2)$.

B. Wrong: $(3xy - 8)(xy - 4)$ is wrong — it expands to $3x^2y^2 - 20xy + 32$.

C. Wrong: $(x - 4)(3xy - 4)$ is wrong — it expands to $3x^2y - 4x - 12xy + 16$.

D. Wrong: None of these is wrong — A is correct.

Question 96 Mathematics

The cost for tile of 6 inches by 6 inches is Rs 60. For room with an area of 6 feet by 10 feet , the cost of needed tiles is ?

- A. 14400 ✓ **Correct answer**
- B. 15400
- C. 15000
- D. 14000

A. Correct: One tile is 6 in × 6 in = 36 sq in = 0.25 sq ft, costing Rs 60 — so Rs 240 per sq ft. Room area = 6 × 10 = 60 sq ft. Cost = 60 × 240 = Rs 14,400.

5400 is wrong.

C. Wrong: 15000 is wrong.

D. Wrong: 14000 is wrong.

Question 97 Mathematics

A pyramid has a mass of 600 grams .a density of 2g/cm3, and a height of 15 cm. What is the base square of the pyramid ?

- A. 50 cm^2
- B. 100 cm^2
- C. 60 cm^2 ✓ **Correct answer**
- D. 125 cm^2

A. Wrong: 50 cm^2 is wrong.

B. Wrong: 100 cm^2 is wrong.

C. Correct: Volume = mass ÷ density = 600 ÷ 2 = 300 cm^3. For a pyramid V = (1/3) × base × height, so 300 = (1/3) × B × 15 = 5B, giving B = 60 cm^2.

D. Wrong: 125 cm^2 is wrong.

Question 98 Mathematics

9/11-5/7 find the answer

- A. 6/77
- B. 4/77
- C. None of these
- D. 8/77 ✓ **Correct answer**

A. Wrong: 6/77 is wrong.

B. Wrong: 4/77 is wrong.

one of these is wrong — 8/77 is offered.

D. Correct: 9/11 − 5/7 = 63/77 − 55/77 = 8/77.

Question 99 Mathematics

Cube root of (0.027)

- A. 0.2
- B. 0.3 ✓ **Correct answer**
- C. 0.1
- D. None of these

A. Wrong: 0.2 is wrong — $0.2^3 = 0.008$.

B. Correct: The cube root of 0.027 is 0.3, since 0.3 × 0.3 × 0.3 = 0.027.

C. Wrong: 0.1 is wrong — $0.1^3 = 0.001$.

D. Wrong: None of these is wrong — 0.3 is offered.

Question 100 Mathematics

If $x=3-2\sqrt{2}$ then find the value of (x^2-1/x^2)

- A. 4
- B. 3
- C. $-24\sqrt{2}$ ✓ **Correct answer**
- D. None of these

A. Wrong: 4 is wrong.

B. Wrong: 3 is wrong.

C. Correct: $x = 3 - 2\sqrt{2}$, so $1/x = 3 + 2\sqrt{2}$ (since $(3 - 2\sqrt{2})(3 + 2\sqrt{2}) = 9 - 8 = 1$). $x^2 = 17 - 12\sqrt{2}$ and $1/x^2 = 17 + 12\sqrt{2}$. $x^2 - 1/x^2 = -24\sqrt{2}$.

one of these is wrong — 24v2 is offered.

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