Provincial Management Service, etc. (BS-17), General Knowledge — 2017 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Provincial Management Service, etc. (BS-17), General Knowledge · **Year:** 2017 · **Questions:** 100 in the original paper — **97 solved and verified**, 3 excluded as defective (Q53, Q54, Q55) · **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 2017 sitting.

Source note: PACE GK Academy reproduction (question page /PPSC-Past-Paper-Question/9 + PDF generatepaperpdf/9, 100 items in paper order, with answer key). 4 printed keys corrected on independent evidence: Q46 Bill Gates's wife (printed D, filed B Melinda), Q47 Siachen length in miles (printed B 49, filed C 47), Q58 strongest Caribbean hurricane of September 2017 (printed A Maria, filed C Irma), Q66 princely states before Partition (printed B 54, filed C 562). 3 DEFECTIVE-excluded: Q53 (no Hindu state existed at sitting), Q54 (Economics Nobel first awarded 1969, none of the options), Q55 (Malabar is a Kerala coastal region, not the old name of any listed city). Dedup 13 Nov 2026 vs the live library (847 built files, 64,790 stems): max 2 stems vs any one built paper — no duplicate.

Question 1 General Knowledge

Bering Strait separates Russia from?

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

- D. Canada

A. China does not border the Bering Strait.

B. Correct: the Bering Strait separates Russia (Chukotka) from the United States (Alaska).

C. Japan does not border the Bering Strait.

D. Canada does not border the Bering Strait.

Note: Note: the reproduction prints "Chian"; the filed option carries the correct spelling "China".

Question 2 Everyday Science

Guava is a rich source of:

- A. Vitamin C ✓ **Correct answer**
- B. Vitamin D
- C. Vitamin A
- D. Calcium

A. Correct: guava is exceptionally rich in vitamin C, with more per gram than most citrus fruits.

B. Guava is not a notable source of vitamin D.

C. Guava contains some vitamin A, but it is famous for vitamin C.

D. Guava is not a notable source of calcium.

Question 3 General Knowledge

"Conversations with Myself" was written by?

- A. Barack Obama

- C. Tony Blair
- D. None of these

A. Obama wrote "Dreams from My Father", not "Conversations with Myself".

B. Correct: "Conversations with Myself" is the collection of Nelson Mandela's personal papers and letters.

C. Tony Blair wrote "A Journey", not "Conversations with Myself".

D. Wrong: Mandela is among the options and is the author.

Note: Note: the reproduction prints "Tokny Blair"; the filed option carries the correct spelling "Tony Blair".

Question 4 General Knowledge

Opium War was fought between China and:

- A. French
- B. Portuguese
- C. Indian
- D. Britain ✓ **Correct answer**

A. France was not the other side in the Opium Wars.

B. Portugal was not the other side in the Opium Wars.

C. India was under British rule and was not the other side as a state.

D. Correct: the Opium Wars (1839–1842 and 1856–1860) were fought between China and Britain.

Note: Note: the reproduction prints "Frinch"; the filed option carries the correct spelling "French".

5 General Knowledge

International dateline passes through?

- A. Bering Strait ✓ **Correct answer**
- B. Strait of Hormuz
- C. Dover Strait
- D. Davis Strait

A. Correct: the International Date Line runs through the Bering Strait, between Russia and Alaska.

B. The Strait of Hormuz is between Iran and Oman, far from the Date Line.

C. The Dover Strait is between England and France, far from the Date Line.

D. The Davis Strait is between Greenland and Canada, far from the Date Line.

Note: Note: the reproduction prints "Sover Strair"; the filed option carries the correct spelling "Dover Strait".

Question 6 Everyday Science

Diameter of Jupiter is _____ times of earth's diameter?

- A. 13
- B. 11 ✓ **Correct answer**
- C. 9
- D. 10

A. Jupiter's diameter is not 13 times Earth's.

B. Correct: Jupiter's diameter (about 139,820 km) is roughly 11 times Earth's (about 12,742 km).

C. Jupiter's diameter is not 9 times Earth's.

iameter is closer to 11 times Earth's than 10.

Question 7 General Knowledge

Shortest day in Australia will be on?

- A. 25 December
- B. 22 December
- C. 15 June
- D. 21 June ✓ **Correct answer**

A. Late December is summer in Australia, with long days.

B. Around 22 December is the summer solstice in the southern hemisphere, the longest day.

C. 15 June is close to the winter solstice but not the shortest day.

D. Correct: the winter solstice (about 21 June) is the shortest day of the year in Australia.

Question 8 Everyday Science

Which is the hottest planet in the Solar System?

- A. Jupiter
- B. Mercury
- C. Uranus
- D. Venus ✓ **Correct answer**

A. Jupiter is a cold gas giant, not the hottest planet.

B. Mercury is closest to the Sun, but its thin atmosphere lets heat escape, so it is not the hottest.

C. Uranus is one of the coldest planets, not the hottest.

D. Correct: Venus is the hottest planet because its thick carbon dioxide atmosphere traps

eenhouse effect), reaching about 465°C.

Question 9 General Knowledge

Mention the nickname of atomic bomb that was dropped on Hiroshima in 1945?

- A. Little Boy ✓ **Correct answer**
- B. Daisy Cutter
- C. Big Giant
- D. Sharp Boy

A. Correct: the atomic bomb dropped on Hiroshima on 6 August 1945 was nicknamed "Little Boy".

B. Daisy Cutter is a large conventional bomb, not the Hiroshima bomb.

C. There was no Hiroshima bomb called "Big Giant".

D. There was no Hiroshima bomb called "Sharp Boy".

Question 10 General Knowledge

The Treaty of Sevres was signed in?

- A. 1921
- B. 1924
- C. 1920 ✓ **Correct answer**
- D. 1919

A. The Treaty of Sèvres was not signed in 1921.

B. The Treaty of Sèvres was not signed in 1924.

C. Correct: the Treaty of Sèvres was signed on 10 August 1920.

D. 1919 was the year of the Treaty of Versailles, not Sèvres.

Mustafa Kamal Pasha abolished the Khilafat in?

- A. 1921
- B. 1924 ✓ **Correct answer**
- C. 1926
- D. 1920

A. The Khilafat was not abolished in 1921.

B. Correct: Mustafa Kemal Atatürk abolished the Ottoman Caliphate in March 1924.

C. The Khilafat was not abolished in 1926.

D. The Khilafat was not abolished in 1920.

Question 12 General Knowledge

"We the people of United Nations" are the opening words of which of the historical documents?

- A. Human Rights Charter
- B. US Charter
- C. UN Charter ✓ **Correct answer**
- D. UNHCR Charter

A. The Universal Declaration of Human Rights does not open with these words.

B. There is no document called the "US Charter" with this opening.

C. Correct: the Charter of the United Nations opens "We the peoples of the United Nations".

D. The UNHCR is a refugee agency; its statute does not open with these words.

13 General Knowledge

Plato was ___ of Aristotle.

- A. Student
- B. Son
- C. Son-in-law
- D. Teacher ✓ **Correct answer**

A. Aristotle was Plato's student, not the other way round.

B. Plato was not Aristotle's father.

C. Plato was not Aristotle's father-in-law.

D. Correct: Plato taught Aristotle at the Academy in Athens for about twenty years.

Question 14 General Knowledge

Koh-e-Judi is located in?

- A. India
- B. Turkey ✓ **Correct answer**
- C. Sri Lanka
- D. Iraq

A. Koh-e-Judi (Mount Judi) is not in India.

B. Correct: Mount Judi (Cudi Dagi) is in south-eastern Turkey.

C. Mount Judi is not in Sri Lanka.

D. Mount Judi is just across the border in Turkey, not in Iraq.

Question 15 General Knowledge

Koh-e-Toor is in?

ai ✓ **Correct answer**

- B. Syria
- C. Iraq
- D. Egypt

A. Correct: Koh-e-Toor (Mount Sinai / Mount Tur) is in the Sinai Peninsula.

B. Mount Tur is not in Syria.

C. Mount Tur is not in Iraq.

D. Sinai is part of Egypt, but the paper's keyed answer is the peninsula itself, Sinai.

Question 16 Pakistan Studies

Quaid-e-Azam joined Muslim League in:

- A. 1913 ✓ **Correct answer**
- B. 1914
- C. 1911
- D. 1916

A. Correct: Jinnah joined the All-India Muslim League in 1913.

B. Jinnah did not join the League in 1914.

C. Jinnah did not join the League in 1911.

D. 1916 was the year of the Lucknow Pact, not of Jinnah joining the League.

Question 17 General Knowledge

The name of Ceylon changed into Sri Lanka in?

- A. 1965
- B. 1972 ✓ **Correct answer**
- C. 1976

A. Ceylon did not become Sri Lanka in 1965.

B. Correct: Ceylon was renamed Sri Lanka in 1972.

C. Ceylon did not become Sri Lanka in 1976.

D. Ceylon did not become Sri Lanka in 1974.

Question 18 Pakistan Studies

The Jallianwala massacre took place in:

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

A. Correct: the Jallianwala Bagh massacre took place on 13 April 1919 in Amritsar.

B. The massacre was in April, not December 1919.

C. The massacre was in 1919, not 1921.

D. The massacre was in 1919, not 1920.

Question 19 Everyday Science

One Yard is equal to how many metres?

- A. 0.989 m
- B. 0.914 m ✓ **Correct answer**
- C. 1.25 m
- D. 1.150 m

A. One yard is not 0.989 metres.

ne yard equals 0.9144 metres.

C. One yard is not 1.25 metres.

D. One yard is not 1.150 metres.

Question 20 Everyday Science

1 BTU is equal to how many joules?

- A. 1055 ✓ **Correct answer**
- B. 1075
- C. 1050
- D. 1155

A. Correct: one British Thermal Unit equals about 1,055 joules.

B. One BTU is not 1,075 joules.

C. One BTU is not 1,050 joules.

D. One BTU is not 1,155 joules.

Question 21 Everyday Science

One gram of gold is equal to how many milligrams of gold?

- A. 100 mg
- B. 500 mg
- C. 1000 mg ✓ **Correct answer**
- D. 10000 mg

A. One gram is not 100 milligrams.

B. One gram is not 500 milligrams.

C. Correct: one gram equals 1,000 milligrams.

is not 10,000 milligrams.

Question 22 General Knowledge

Adam's Peak is located in?

- A. Nepal
- B. Iran
- C. Sri Lanka ✓ **Correct answer**
- D. India

A. Adam's Peak is not in Nepal.

B. Adam's Peak is not in Iran.

C. Correct: Adam's Peak is a sacred mountain in Sri Lanka.

D. Adam's Peak is not in India.

Question 23 Pakistan Studies

"Jallianwala Bagh" is located in:

- A. Lahore
- B. Delhi
- C. Lucknow
- D. Amritsar ✓ **Correct answer**

A. Jallianwala Bagh is not in Lahore.

B. Jallianwala Bagh is not in Delhi.

C. Jallianwala Bagh is not in Lucknow.

D. Correct: Jallianwala Bagh is in Amritsar, Punjab, India.

24 Everyday Science

One inch is equal to?

- A. 2.5 cm
- B. 2 cm
- C. 2.54 cm ✓ **Correct answer**
- D. 3.00 cm

A. One inch is 2.54 cm, not 2.5 cm.

B. One inch is not 2 cm.

C. Correct: one inch is exactly 2.54 centimetres.

D. One inch is not 3 cm.

Question 25 Mathematics

If 5X − 15 = 50 then find the value of X?

- A. 15
- B. 17
- C. 13 ✓ **Correct answer**
- D. 11

A. Wrong: 5 × 15 − 15 = 60, not 50.

B. Wrong: 5 × 17 − 15 = 70, not 50.

C. Correct: 5X = 65, so X = 13.

D. Wrong: 5 × 11 − 15 = 40, not 50.

Question 26 General Knowledge

First Nobel Prize in Physics was awarded to?

- B. Roentgen ✓ **Correct answer**
- C. Madame Curie
- D. Alexander Fleming

A. Joseph Priestley discovered oxygen; he never won a Nobel Prize in Physics.

B. Correct: Wilhelm Conrad Röntgen won the first Nobel Prize in Physics in 1901 for the discovery of X-rays.

C. Marie Curie won the Physics Prize in 1903, not the first one.

D. Fleming won the Nobel Prize in Medicine in 1945, not in Physics.

Note: Note: the reproduction prints "Noble Prize"; the filed stem carries the correct spelling "Nobel Prize".

Question 27 General Knowledge

Which among the following is an ancient wonder of the world?

- A. Eiffel Tower
- B. Taj Mahal
- C. Lighthouse of Alexandria ✓ **Correct answer**
- D. None of these

A. The Eiffel Tower was built in 1889; it is not an ancient wonder.

B. The Taj Mahal was built in the 17th century; it is not an ancient wonder.

C. Correct: the Lighthouse of Alexandria (Pharos) is one of the Seven Wonders of the Ancient World.

D. Wrong: the Lighthouse of Alexandria is among the options and is an ancient wonder.

Note: Note: the reproduction prints "Nome of these"; the filed option carries the correct

Question 28 General Knowledge

Oldest inhabited city in the world is?

- A. Harappa
- B. Mohenjodaro
- C. Damascus ✓ **Correct answer**
- D. Taxila

A. Harappa is an ancient ruined city, not a continuously inhabited one.

B. Mohenjodaro is an ancient ruined city, not a continuously inhabited one.

C. Correct: Damascus is regarded as the oldest continuously inhabited city in the world.

D. Taxila is an ancient ruined city, not a continuously inhabited one.

Question 29 Pakistan Studies

The cultural centre of Gandhara Civilization was situated at present day in:

- A. Afghanistan
- B. Pakistan ✓ **Correct answer**
- C. China
- D. Iraq

A. Gandhara extended into parts of Afghanistan, but its cultural centre (Taxila) is in present-day Pakistan.

B. Correct: the Gandhara cultural centre, Taxila, is in present-day Pakistan.

C. Gandhara was not centred in China.

D. Gandhara was not centred in Iraq.

30 General Knowledge

Oldest monarchy is:

- A. Saudi Arabia
- B. UAE
- C. Japan ✓ **Correct answer**
- D. Kuwait

A. The Saudi monarchy dates to the 18th century, far younger than Japan's.

B. The UAE's ruling families date to the 18th–19th centuries, far younger than Japan's.

C. Correct: the Japanese imperial line is the world's oldest continuing monarchy, traditionally dated to 660 BC.

D. The Kuwaiti monarchy dates to the 18th century, far younger than Japan's.

Question 31 Everyday Science

Father of Homeopathy is?

- A. Samuel Hahnemann ✓ **Correct answer**
- B. Hahnemann
- C. Sigmund
- D. Robert Dover

A. Correct: Samuel Hahnemann founded homeopathy in the late 18th century.

B. This is the same surname without the first name; the full name in option A is the standard answer.

C. Sigmund (Freud) founded psychoanalysis, not homeopathy.

D. Robert Dover was not the founder of homeopathy.

32 General Knowledge

The book 'Wealth of Nations' was written by:

- A. John Marshall
- B. Karl Marx
- C. Max Muller
- D. None of these ✓ **Correct answer**

A. John Marshall was an American chief justice, not the author of "The Wealth of Nations".

B. Karl Marx wrote "Das Kapital", not "The Wealth of Nations".

C. Max Müller was a scholar of religion, not the author of "The Wealth of Nations".

D. Correct: "The Wealth of Nations" was written by Adam Smith, who is not among the options.

Question 33 General Knowledge

Communist Manifesto was originally published in which language?

- A. Greek
- B. Russian
- C. French
- D. German ✓ **Correct answer**

A. The Communist Manifesto was not first published in Greek.

B. The Communist Manifesto was not first published in Russian.

C. The Communist Manifesto was not first published in French.

D. Correct: the Communist Manifesto was published in German in London in 1848.

The famous incident of Boston Tea Party took place in?

- A. 1770
- B. 1765
- C. 1773 ✓ **Correct answer**
- D. 1776

A. The Boston Massacre was in 1770, not the Tea Party.

B. The Stamp Act was in 1765, not the Tea Party.

C. Correct: the Boston Tea Party took place on 16 December 1773.

D. 1776 was the year of American independence, not the Tea Party.

Question 35 Pakistan Studies

Ahmad Khan Kharal, the famous character of War of Independence, belongs to?

- A. Gogera ✓ **Correct answer**
- B. Satiana
- C. Jhamra
- D. Cheecha Watni

A. Correct: Ahmad Khan Kharal was from Gogera (in present-day Sahiwal district) and led the resistance there in 1857.

B. Kharal was not from Satiana.

C. Kharal was not from Jhamra.

D. Kharal was not from Chichawatni.

36 Mathematics

200 candidates applied for exams, from which 180 candidates appeared in exam and 70 percent passed, how many failed?

- A. 57
- B. 52
- C. 54 ✓ **Correct answer**
- D. 59

A. Wrong: 70% of 180 passed (126), so 54 failed, not 57.

B. Wrong: the working gives 54, not 52.

C. Correct: 180 appeared; 70% passed (126), so 30% failed — 180 × 0.30 = 54.

D. Wrong: the working gives 54, not 59.

Question 37 Mathematics

If X = 28 and Y = 51, then (X + Y) + (X − Y) = ?

- A. 53
- B. 56 ✓ **Correct answer**
- C. 59
- D. 61

A. Wrong: (28 + 51) + (28 − 51) = 79 − 23 = 56, not 53.

B. Correct: (X + Y) + (X − Y) = 2X = 2 × 28 = 56.

C. Wrong: the working gives 56, not 59.

D. Wrong: the working gives 56, not 61.

38 General Knowledge

Who was the inventor of printing press?

- A. Johannes Gutenberg ✓ **Correct answer**
- B. Louis Pasteur
- C. Oliver Cromwell
- D. St. Augustine

A. Correct: Johannes Gutenberg invented the movable-type printing press in Europe around 1440.

B. Pasteur founded microbiology and pasteurisation, not the printing press.

C. Cromwell was an English political leader, not an inventor.

D. St. Augustine was a theologian, not an inventor.

Question 39 General Knowledge

Euro is the currency of:

- A. Norway
- B. Denmark
- C. Italy ✓ **Correct answer**
- D. Sweden

A. Norway uses the krone, not the euro.

B. Denmark uses the krone, not the euro.

C. Correct: Italy uses the euro.

D. Sweden uses the krona, not the euro.

40 Mathematics

If A completes a job in 20 min and B in 30 min, if they do the same job together how much time will they take?

- A. 15
- B. 20
- C. 25
- D. 12 ✓ **Correct answer**

A. Wrong: working together they take 12 minutes, not 15.

B. Wrong: that is A's time alone.

C. Wrong: the working gives 12, not 25.

D. Correct: together they do 1/20 + 1/30 = 5/60 = 1/12 of the job per minute, so the job takes 12 minutes.

Question 41 General Knowledge

Which of the following districts of Balochistan contains huge deposits of Copper?

- A. Loralai
- B. Sibi
- C. Khuzdar
- D. Chaghi ✓ **Correct answer**

A. Loralai is not the copper district.

B. Sibi is not the copper district.

C. Khuzdar is known for other minerals, not the huge copper deposits.

D. Correct: Chaghi district holds the Reko Diq and Saindak copper-gold deposits.

Kachura Lake is situated in:

- A. Gilgit
- B. Kaghan Valley
- C. Baltistan ✓ **Correct answer**
- D. None of these

A. Kachura Lake is not in Gilgit town's area; it is in the Skardu (Baltistan) region.

B. Kachura Lake is not in the Kaghan Valley.

C. Correct: Kachura Lake (Upper and Lower) is near Skardu in Baltistan.

D. Wrong: Baltistan is among the options and is correct.

Question 43 Everyday Science

Patella is present in?

- A. Skull
- B. Thorax
- C. Knee ✓ **Correct answer**
- D. Elbow

A. The skull has no patella.

B. The thorax (chest) has no patella.

C. Correct: the patella is the kneecap, the small bone at the front of the knee joint.

D. The elbow has no patella.

Question 44 Pakistan Studies

Working Boundary is a boundary between:

an Held Kashmir and Azad Kashmir

- B. India and Pakistan
- C. Indian Held Kashmir and Pakistan ✓ **Correct answer**
- D. Azad Kashmir and Pakistan

A. That boundary is the Line of Control, not the Working Boundary.

B. The India–Pakistan boundary is the international border, not the Working Boundary.

C. Correct: the Working Boundary is the boundary between Indian-held Jammu and Kashmir and Pakistan (the Sialkot sector).

D. There is no boundary of that name between Azad Kashmir and Pakistan.

Question 45 Computer Science

URL is an abbreviation of:

- A. Uniform
- B. Uniform Resource Locator ✓ **Correct answer**
- C. Universal Room Locator
- D. Uniform Resource Locaaator

A. "Uniform" alone is not the abbreviation.

B. Correct: URL stands for Uniform Resource Locator.

C. That is not what URL stands for.

D. That is a misspelling of the correct expansion.

Question 46 General Knowledge

What is the name of Bill Gates's wife?

- A. Ivana
- B. Melinda ✓ **Correct answer**

- D. None of these

A. Ivana was the wife of Donald Trump, not Bill Gates.

B. Correct: Bill Gates's wife is Melinda Gates (Melinda French Gates).

C. No such person is Bill Gates's wife.

D. Wrong: Melinda is among the options and is correct.

Note: Note: the printed key (D) is rejected. The reproduction's stem ("Wife of Bill Gates is the CEO of Gates Foundation, what is name of her wife?") is garbled: Melinda Gates was co-chair of the Gates Foundation, not its CEO. The filed stem asks the name plainly.

Question 47 General Knowledge

The length of Siachen Glacier is _____

- A. 56
- B. 49
- C. 47 ✓ **Correct answer**
- D. None of these

A. The Siachen Glacier is not 56 miles long.

B. The Siachen Glacier is not 49 miles long.

C. Correct: the Siachen Glacier is about 76 km long, which is about 47 miles.

D. Wrong: 47 is among the options and is correct.

Note: Note: the printed key (B, 49) is rejected — the glacier is 76 km, about 47 miles. The filed stem and options are as printed; the unit (miles) is given in the explanation. Note: the reproduction prints "lenth" and "Siachain"; the filed stem carries the correct spelling "length" and "Siachen".

48 Current Affairs

Persecution of Rohingya Muslims is in which state of Myanmar?

- A. Kayin
- B. Rakhine ✓ **Correct answer**
- C. Kachin
- D. None of these

A. The Rohingya persecution was not centred in Kayin state.

B. Correct: the Rohingya are from Rakhine state in western Myanmar.

C. The Rohingya persecution was not centred in Kachin state.

D. Wrong: Rakhine is among the options and is correct.

Note: Note: the reproduction prints "state oh" (for "of"); the filed stem carries the corrected wording.

Question 49 General Knowledge

KHAD is the intelligence agency of:

- A. Iraq
- B. Afghanistan ✓ **Correct answer**
- C. Egypt
- D. Russia

A. Iraq's intelligence service was the Mukhabarat, not KHAD.

B. Correct: KHAD was the intelligence agency of Afghanistan under the communist government.

C. Egypt's intelligence agency is the Mukhabarat, not KHAD.

D. Russia's intelligence agency was the KGB, not KHAD.

the reproduction prints "Khad is"; the filed stem carries "KHAD is".

Question 50 General Knowledge

The National Bird of Pakistan is:

- A. Chukar ✓ **Correct answer**
- B. Pigeon
- C. Eagle
- D. Parrot

A. Correct: the Chukar partridge is the national bird of Pakistan.

B. The pigeon is not Pakistan's national bird.

C. The eagle is not Pakistan's national bird.

D. The parrot is not Pakistan's national bird.

Note: Note: the reproduction prints "Chukor"; the filed option carries the correct spelling "Chukar".

Question 51 Urdu

Aab-e-Hayat was written by:

- A. Muhammad Hussain Azad ✓ **Correct answer**
- B. Nazir Ahmad
- C. Allama Iqbal
- D. Sir Syed Ahmad Khan

A. Correct: "Aab-e-Hayat" is the famous literary history by Muhammad Hussain Azad.

B. Nazir Ahmad wrote novels like "Mirat-ul-Uroos", not "Aab-e-Hayat".

C. Iqbal wrote poetry and philosophy, not "Aab-e-Hayat".

wrote essays and reformist works, not "Aab-e-Hayat".

Question 52 General Knowledge

Silicon Valley is located in:

- A. New York
- B. Florida
- C. Mexico
- D. California ✓ **Correct answer**

A. Silicon Valley is not in New York.

B. Silicon Valley is not in Florida.

C. Silicon Valley is not in Mexico.

D. Correct: Silicon Valley is in northern California, around San Jose.

Question 53 General Knowledge

The only Hindu State in the World is:

- A. Sri Lanka
- B. Nepal
- C. Bhutan
- D. India

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (No Hindu state existed at the sitting date: Nepal became a secular republic in 2008, and India, Sri Lanka and Bhutan are not Hindu states. The printed key (D, India) is rejected — India is a secular republic.)

A. Sri Lanka is not a Hindu state.

B. Nepal was the world's only Hindu state until 2008, when it became a secular republic.

a Buddhist kingdom, not a Hindu state.

D. India is a secular republic, not a Hindu state.

Question 54 General Knowledge

The Nobel Prize for Economics was introduced in:

- A. 1996
- B. 1986
- C. 1990
- D. 1987

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (The prize was established in 1968 and first awarded in 1969, which is none of the options. The printed key (B, 1986) is rejected.)

A. The Economics Prize was first awarded in 1969, not 1996.

B. The Economics Prize was first awarded in 1969, not 1986.

C. The Economics Prize was first awarded in 1969, not 1990.

D. The Economics Prize was first awarded in 1969, not 1987.

Question 55 General Knowledge

Malabar is the old name of?

- A. Chennai
- B. Madras
- C. Mumbai
- D. Calcutta

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (Malabar is a coastal region of Kerala, not the old name of any listed city;

pears mangled — Madras is the old name of Chennai. No option answers the stem as printed. The printed key (A, Chennai) is rejected.)

A. Chennai was formerly Madras, not Malabar.

B. Madras is the old name of Chennai, not of Malabar.

C. Mumbai was formerly Bombay, not Malabar.

D. Calcutta is the old name of Kolkata, not of Malabar.

Question 56 Everyday Science

If the mood of a person swings from normal to extreme behaviour is due to?

- A. Autism
- B. Schizophrenia
- C. Bipolar Disorder ✓ **Correct answer**
- D. Epilepsy

A. Autism affects social communication and behaviour, not mood swings from normal to extreme.

B. Schizophrenia involves delusions and hallucinations, not this pattern of mood swings.

C. Correct: bipolar disorder is marked by mood swings between normal (or low) states and extreme highs (mania).

D. Epilepsy causes seizures, not mood swings.

Note: Note: the reproduction prints "Bipolar Sisorder"; the filed option carries the correct spelling "Bipolar Disorder".

Question 57 General Knowledge

Novel "War and Peace" was written by:

Tolstoy ✓ **Correct answer**

- B. Tito
- C. Shelley
- D. Shakespeare

A. Correct: "War and Peace" was written by Leo Tolstoy.

B. Tito was a Yugoslav political leader, not the author of "War and Peace".

C. Shelley was a poet, not the author of "War and Peace".

D. Shakespeare wrote plays and sonnets, not "War and Peace".

Question 58 Current Affairs

Most powerful hurricane to hit the Caribbean in September 2017 was?

- A. Maria
- B. Katrina
- C. Irma ✓ **Correct answer**
- D. None of these

A. Hurricane Maria (September 2017) was devastating, but Irma was the more powerful storm.

B. Hurricane Katrina was in 2005, not September 2017.

C. Correct: Hurricane Irma (September 2017) was the most powerful Atlantic hurricane on record by sustained wind speed at the time, with 185 mph winds.

D. Wrong: Irma is among the options and is correct.

Note: Note: the printed key (A, Maria) is rejected — Irma was the most powerful Caribbean hurricane of September 2017.

59 Everyday Science

Neutron was discovered by:

- A. Newton
- B. Priestley
- C. James Chadwick ✓ **Correct answer**
- D. B. Franklin

A. Newton formulated the laws of motion and gravity; he did not discover the neutron.

B. Priestley discovered oxygen; he did not discover the neutron.

C. Correct: James Chadwick discovered the neutron in 1932.

D. Benjamin Franklin worked on electricity; he did not discover the neutron.

Question 60 Everyday Science

During the process of photosynthesis, plants release the:

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

A. Plants take in carbon dioxide; they do not release carbon.

B. Correct: in photosynthesis plants release oxygen as a by-product.

C. Plants do not release nitrogen in photosynthesis.

D. Plants do not release ammonia in photosynthesis.

Question 61 Pakistan Studies

Hujjatullah-il-Baligha was written by?

- B. Haji Shariatullah
- C. Syed Ahmad Shaheed
- D. Shah Wali Ullah ✓ **Correct answer**

A. Shah Ismail wrote "Taqwiyat-ul-Iman", not "Hujjatullah-il-Baligha".

B. Haji Shariatullah founded the Faraizi movement; he did not write "Hujjatullah-il-Baligha".

C. Syed Ahmad Shaheed led the jihad movement; he did not write "Hujjatullah-il-Baligha".

D. Correct: "Hujjatullah-il-Baligha" is the famous work of Shah Wali Ullah.

Question 62 Everyday Science

An example of a hereditary disease is:

- A. Polio
- B. Hemophilia ✓ **Correct answer**
- C. Cholera
- D. Typhoid

A. Polio is caused by a virus, not inherited.

B. Correct: hemophilia is an inherited bleeding disorder passed through genes.

C. Cholera is caused by bacteria in contaminated water, not inherited.

D. Typhoid is caused by bacteria in contaminated food or water, not inherited.

Question 63 Everyday Science

Shape of the Milky Way Galaxy is:

- A. Rectangular
- B. Spiral ✓ **Correct answer**

- D. Circular

A. No galaxy has a rectangular shape.

B. Correct: the Milky Way is a barred spiral galaxy.

C. Elliptical is a galaxy type, but the Milky Way is a spiral, not an elliptical galaxy.

D. The Milky Way is not circular in shape.

Question 64 Pakistan Studies

There were 69 members in the first Constituent Assembly; this number was increased to _____ in order to give representation to princely states and refugees.

- A. 75
- B. 79 ✓ **Correct answer**
- C. 81
- D. 85

A. The membership was not raised to 75.

B. Correct: the first Constituent Assembly's membership was raised from 69 to 79.

C. The membership was not raised to 81.

D. The membership was not raised to 85.

Question 65 General Knowledge

What is the height of K2?

- A. 6611 metres
- B. 8611 metres ✓ **Correct answer**
- C. 7611 metres
- D. 9611 metres

,611 metres high.

B. Correct: K2 is 8,611 metres high, the second-highest mountain in the world.

C. K2 is not 7,611 metres high.

D. K2 is not 9,611 metres high.

Question 66 Pakistan Studies

Before the partition of India in 1947, how many princely states existed?

- A. 49
- B. 54
- C. 562 ✓ **Correct answer**
- D. None of these

A. There were far more than 49 princely states.

B. 54 is not the number of princely states.

C. Correct: there were about 562 princely states in British India before Partition.

D. Wrong: 562 is among the options and is correct.

Note: Note: the printed key (B, 54) is rejected — the standard figure is 562 princely states.

Question 67 General Knowledge

Name the biggest barrage of Pakistan?

- A. Sukkur Barrage ✓ **Correct answer**
- B. Taunsa Barrage
- C. Guddu Barrage
- D. Ghulam Muhammad Barrage

A. Correct: the Sukkur Barrage on the Indus is the largest barrage in Pakistan.

a large barrage but not the biggest.

C. Guddu is a large barrage but not the biggest.

D. Ghulam Muhammad Barrage (Kotri) is not the biggest.

Note: Note: the reproduction prints "Sukhar" and "Gudddu"; the filed options carry the correct spellings "Sukkur" and "Guddu".

Question 68 Everyday Science

If you have "Caries" then which doctor should be consulted?

- A. Dermatologist
- B. Orthopaedist
- C. Dentist ✓ **Correct answer**
- D. Neurologist

A. A dermatologist treats skin, not tooth decay.

B. An orthopaedist treats bones, not tooth decay.

C. Correct: dental caries is tooth decay, treated by a dentist.

D. A neurologist treats the nervous system, not tooth decay.

Question 69 Everyday Science

The average weight of human heart is?

- A. 250 gm
- B. 300 gm ✓ **Correct answer**
- C. 350 gm
- D. 400 gm

A. The average human heart weighs about 300 grams, not 250.

The average human heart weighs about 300 grams.

C. The average human heart weighs about 300 grams, not 350.

D. The average human heart weighs about 300 grams, not 400.

Question 70 General Knowledge

Sharm-el-Sheikh is the name of the?

- A. Airport of Iran
- B. Egyptian Seaport ✓ **Correct answer**
- C. A Mountain
- D. None of these

A. Sharm-el-Sheikh is not an airport in Iran.

B. Correct: Sharm-el-Sheikh is an Egyptian resort town and seaport on the Red Sea.

C. Sharm-el-Sheikh is not a mountain.

D. Wrong: the Egyptian seaport is among the options and is correct.

Note: Note: the reproduction prints "Eghyptian"; the filed option carries the correct spelling "Egyptian".

Question 71 Computer Science

LNG stands for?

- A. Liquefied Natural Gas ✓ **Correct answer**
- B. Liquid Natural Gas
- C. Liquid Neutral Gas
- D. None of these

A. Correct: LNG stands for Liquefied Natural Gas.

atural Gas" is a common misnomer; the standard term is "Liquefied".

C. That is not what LNG stands for.

D. Wrong: Liquefied Natural Gas is among the options and is correct.

Question 72 General Knowledge

The Statue of Liberty was presented to the United States by the people of:

- A. Britain
- B. Germany
- C. Canada
- D. France ✓ **Correct answer**

A. Britain did not present the Statue of Liberty.

B. Germany did not present the Statue of Liberty.

C. Canada did not present the Statue of Liberty.

D. Correct: the Statue of Liberty was a gift from the people of France in 1886.

Question 73 General Knowledge

Habsha is the old name of?

- A. Ethiopia ✓ **Correct answer**
- B. Uganda
- C. Kenya
- D. Tanzania

A. Correct: Habsha (Abyssinia) is the old name of Ethiopia.

B. Uganda was not called Habsha.

C. Kenya was not called Habsha.

Question 74 Everyday Science

Breakbone fever is communicated by a mosquito; it is another name of:

- A. Dengue ✓ **Correct answer**
- B. Malaria
- C. Epilepsy
- D. All of these

A. Correct: breakbone fever is another name for dengue, spread by the Aedes mosquito.

B. Malaria is also mosquito-borne, but it is not called breakbone fever.

C. Epilepsy is a seizure disorder, not a mosquito-borne fever.

D. Wrong: only dengue is breakbone fever.

Question 75 General Knowledge

Katas Raj temple is in?

- A. Jhelum
- B. Chakwal ✓ **Correct answer**
- C. Lahore
- D. Attock

A. Katas Raj is not in Jhelum district.

B. Correct: the Katas Raj temples are in Chakwal district, Punjab.

C. Katas Raj is not in Lahore.

D. Katas Raj is not in Attock district.

76 Everyday Science

Amnesia is related to:

- A. Sleeping sickness
- B. Loss of sight
- C. Loss of hearing
- D. Loss of memory ✓ **Correct answer**

A. Sleeping sickness is caused by a parasite, not amnesia.

B. Loss of sight is blindness, not amnesia.

C. Loss of hearing is deafness, not amnesia.

D. Correct: amnesia is the loss of memory.

Question 77 Pakistan Studies

The British Government announced the annulment of Partition of Bengal in _____

- A. 1910
- B. 1911 ✓ **Correct answer**
- C. 1912
- D. 1926

A. The annulment was not announced in 1910.

B. Correct: the annulment of the Partition of Bengal was announced at the Delhi Durbar in December 1911.

C. The annulment was announced in 1911, not 1912.

D. The annulment was announced in 1911, not 1926.

78 Computer Science

What does RAM in a computer stand for?

- A. Read and Memorize
- B. Random Access Memory ✓ **Correct answer**
- C. Random Access Module
- D. Random Access Modern

A. That is not what RAM stands for.

B. Correct: RAM stands for Random Access Memory.

C. That is not what RAM stands for.

D. That is not what RAM stands for.

Question 79 Computer Science

Who was the inventor of mouse?

- A. Douglas Engelbart ✓ **Correct answer**
- B. Ada Lovelace
- C. Charles Babbage
- D. None of these

A. Correct: Douglas Engelbart invented the computer mouse in the 1960s.

B. Ada Lovelace wrote the first algorithm, she did not invent the mouse.

C. Charles Babbage designed the Analytical Engine, he did not invent the mouse.

D. Wrong: Douglas Engelbart is among the options and is the inventor.

Note: Note: the reproduction prints "inverter of mouse"; the filed stem carries "inventor of mouse".

Name the person who was exiled to Saint Helena after the renowned battle of "Waterloo" in 1815:

- A. Adolf Hitler
- B. Napoleon ✓ **Correct answer**
- C. Rommel
- D. Hindenburg

A. Hitler was not exiled to Saint Helena.

B. Correct: Napoleon Bonaparte was exiled to Saint Helena after Waterloo in 1815.

C. Rommel was a Second World War general, not exiled to Saint Helena.

D. Hindenburg was a German president, not exiled to Saint Helena.

Question 81 Computer Science

CT scan stands for which of the following?

- A. Computed Tomography
- B. Computer Topography
- C. Computed Tomography ✓ **Correct answer**
- D. Computed Tomography

A. This option is printed as "Compted Tomography", a misspelling of the correct expansion.

B. "Computer Topography" is not what CT stands for.

C. Correct: CT stands for Computed Tomography.

D. This option is printed as "Compted Tomography", a misspelling of the correct expansion.

the reproduction prints options A and D as "Compted Tomography"; option C is the only correctly spelt "Computed Tomography" and is filed as the answer.

Question 82 General Knowledge

Normandy is in?

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

A. Normandy is not in Italy.

B. Normandy is across the Channel from England, not in it.

C. Normandy is not in Austria.

D. Correct: Normandy is a region in northern France.

Question 83 General Knowledge

Sir Laurence Olivier was an?

- A. Engineer
- B. Actor ✓ **Correct answer**
- C. Comedian
- D. Politician

A. Laurence Olivier was not an engineer.

B. Correct: Sir Laurence Olivier was a celebrated English actor.

C. Olivier was a dramatic actor, not a comedian.

D. Olivier was not a politician.

84 General Knowledge

"Kofi Annan", a former Secretary General of U.N.O., belonged to:

- A. Tanzania
- B. Kenya
- C. Ghana ✓ **Correct answer**
- D. Chad

A. Kofi Annan was not from Tanzania.

B. Kofi Annan was not from Kenya.

C. Correct: Kofi Annan was from Ghana.

D. Kofi Annan was not from Chad.

Question 85 General Knowledge

Capital of Ghana is:

- A. Harare
- B. Accra ✓ **Correct answer**
- C. Kinshasa
- D. Banjul

A. Harare is the capital of Zimbabwe, not Ghana.

B. Correct: Accra is the capital of Ghana.

C. Kinshasa is the capital of DR Congo, not Ghana.

D. Banjul is the capital of Gambia, not Ghana.

Question 86 Pakistan Studies

Faiz Ahmad Faiz was imprisoned for his alleged involvement in _____ conspiracy.

- B. Lahore
- C. Attock
- D. Rawalpindi ✓ **Correct answer**

A. The Agartala conspiracy was a case in East Pakistan; Faiz was not involved in it.

B. There was no "Lahore conspiracy" involving Faiz.

C. There was no "Attock conspiracy" involving Faiz.

D. Correct: Faiz was imprisoned for his alleged involvement in the Rawalpindi Conspiracy Case of 1951.

Note: Note: the reproduction prints "Agartaqla"; the filed option carries the correct spelling "Agartala".

Question 87 General Knowledge

"Pride and Prejudice" was written by:

- A. Jane Austen ✓ **Correct answer**
- B. Thomas Hardy
- C. Agatha Christie
- D. George Orwell

A. Correct: "Pride and Prejudice" was written by Jane Austen.

B. Thomas Hardy wrote "Tess of the d'Urbervilles", not "Pride and Prejudice".

C. Agatha Christie wrote detective novels, not "Pride and Prejudice".

D. George Orwell wrote "1984" and "Animal Farm", not "Pride and Prejudice".

88 Everyday Science

Cholera is caused by?

- A. Cocci
- B. Virus
- C. Bacteria ✓ **Correct answer**
- D. None of these

A. Cocci are round-shaped bacteria, but the general answer is bacteria.

B. Cholera is not caused by a virus.

C. Correct: cholera is caused by the bacterium Vibrio cholerae.

D. Wrong: bacteria is among the options and is correct.

Question 89 General Knowledge

The country of Ghana was formerly known by what name?

- A. Grain Coast
- B. Gold Coast ✓ **Correct answer**
- C. Ivory Coast
- D. Slave Coast

A. The Grain Coast was the old name of Liberia, not Ghana.

B. Correct: Ghana was formerly the Gold Coast.

C. Ivory Coast is the old name of Côte d'Ivoire, not Ghana.

D. The Slave Coast was the old name of the Togo-Benin coast, not Ghana.

Note: Note: the reproduction prints "Lvory Coast"; the filed option carries the correct spelling "Ivory Coast".

90 General Knowledge

Congo is the new name of:

- A. Madagascar
- B. Petrograd
- C. Zaire ✓ **Correct answer**
- D. Cape Canaveral

A. Madagascar was never called Congo.

B. Petrograd was the old name of St. Petersburg, not of Congo.

C. Correct: the country called Zaire from 1971 to 1997 is now the Democratic Republic of Congo.

D. Cape Canaveral is a place in Florida, not a country.

Question 91 Everyday Science

Which of the following disease is not caused by virus?

- A. Small Pox
- B. Polio
- C. Typhoid ✓ **Correct answer**
- D. Mumps

A. Smallpox is caused by the variola virus.

B. Polio is caused by the poliovirus.

C. Correct: typhoid is caused by the bacterium Salmonella Typhi, not by a virus.

D. Mumps is caused by the mumps virus.

Blackpool is?

- A. Mountain
- B. Town ✓ **Correct answer**
- C. Airport
- D. Strait

A. Blackpool is not a mountain.

B. Correct: Blackpool is a seaside town in England.

C. Blackpool has an airport, but Blackpool itself is a town.

D. Blackpool is not a strait.

Question 93 Everyday Science

Which among the following is starch digesting enzyme?

- A. Protease
- B. Lipase
- C. Amylase ✓ **Correct answer**
- D. None of these

A. Protease digests proteins, not starch.

B. Lipase digests fats, not starch.

C. Correct: amylase digests starch into sugars.

D. Wrong: amylase is among the options and digests starch.

Note: Note: the reproduction prints "Aymlase"; the filed option carries the correct spelling "Amylase".

94 General Knowledge

Rakh Ghulaman Livestock farm is in?

- A. Okara
- B. Sahiwal
- C. Bhakkar ✓ **Correct answer**
- D. Mianwali

A. Rakh Ghulaman farm is not in Okara.

B. Rakh Ghulaman farm is not in Sahiwal.

C. Correct: the Rakh Ghulaman livestock farm is in Bhakkar district.

D. Rakh Ghulaman farm is not in Mianwali.

Question 95 General Knowledge

Which is the biggest fresh water lake in the world?

- A. Chika Lake
- B. Caspian Lake
- C. Dal Lake
- D. Lake Superior ✓ **Correct answer**

A. There is no well-known large freshwater lake by this name.

B. The Caspian is the world's largest lake, but its water is salty, not fresh.

C. Dal Lake is a small lake in Srinagar, not the biggest.

D. Correct: Lake Superior is the largest freshwater lake in the world by surface area.

Question 96 Everyday Science

Another name for Vitamin C is:

orbic Acid ✓ **Correct answer**

- B. Acetic Acid
- C. Citric Acid
- D. Lysozyme

A. Correct: vitamin C is ascorbic acid.

B. Acetic acid is the acid in vinegar, not vitamin C.

C. Citric acid is found in citrus fruits, but it is not vitamin C.

D. Lysozyme is an antibacterial enzyme, not vitamin C.

Question 97 General Knowledge

Which is the deepest lake in the world?

- A. Titicaca
- B. Victoria
- C. Baikal ✓ **Correct answer**
- D. Superior

A. Lake Titicaca is high in altitude, not the deepest.

B. Lake Victoria is shallow compared to Baikal.

C. Correct: Lake Baikal in Siberia is the world's deepest lake (about 1,642 metres).

D. Lake Superior is the largest by area, not the deepest.

Question 98 General Knowledge

Ural Mountains are in?

- A. England
- B. Turkey
- C. Greece

sia ✓ Correct answer

A. The Urals are not in England.

B. The Urals are not in Turkey.

C. The Urals are not in Greece.

D. Correct: the Ural Mountains run through western Russia, forming the Europe–Asia boundary.

Question 99 Everyday Science

Which is used as moderator in atomic reactor?

- A. Water
- B. Uranium
- C. Platinum
- D. Heavy Water ✓ **Correct answer**

A. Ordinary water can moderate neutrons, but the paper's keyed answer is heavy water.

B. Uranium is the fuel, not the moderator.

C. Platinum is not used as a reactor moderator.

D. Correct: heavy water (deuterium oxide) is used as a moderator in many reactors, including Pakistan's CANDU-type plants.

Question 100 Current Affairs

Which country is the 2nd largest oil producer in the world?

- A. Russia
- B. USA
- C. Kuwait
- D. Saudi Arabia ✓ Correct answer

s the largest oil producer at the sitting date, not the second.

B. The United States overtook Saudi Arabia as the second-largest producer only later in 2018; at the sitting date it was third.

C. Kuwait was far behind the top producers.

D. Correct: at the sitting date (January 2018), Saudi Arabia was the world's second-largest oil producer after Russia.

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