Naib Tehsildar (B-14) — 2024 · Solved Past Paper

Body: Balochistan Public Service Commission (BPSC) · **Post:** Naib Tehsildar (B-14) · **Year:** 2024 · **Questions:** 70 in the original paper — **69 solved and verified**, 1 excluded as defective (Q64) · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2024 sitting.

Source note: mcqsplanet reproduction, 'BPSC Solved Test of Naib Tehsildar-B-14 held on 9th November 2024' (70 real questions with keys, Q1–Q70; 2 spurious explanation fragments dropped — ALU/CU items with no key and 0 options) primary; no second source — every printed key checked independently. 2 printed-key corrections, 3 PICK-ONE decisions and 1 DEFECTIVE-excluded item, all decided openly under the owner's 8 Nov 2026 delegation with evidence recorded in the file.

Question 1 Pakistan Studies

Objective Resolution was passed on:

- A. 12 March 1948
- B. 23 March 1940
- C. 12 March 1949 ✓ **Correct answer**
- D. 2 March 1949

A. Wrong: the year is wrong; the Constituent Assembly adopted the Objectives Resolution in 1949, not 1948.

at is the date of the Lahore Resolution (Pakistan Resolution), a different document; the printed key B is a known error, corrected here.

C. Correct: the Objectives Resolution was adopted by the Constituent Assembly of Pakistan on 12 March 1949, presented by Prime Minister Liaquat Ali Khan on 7 March 1949.

D. Wrong: no such date attaches to the Objectives Resolution; the adoption date was 12 March, not 2 March.

Question 2 Pakistan Studies

The first movement launched against British in India was:

- A. Khilafat movement
- B. Swadeshi movement ✓ **Correct answer**
- C. Non-Cooperation movement
- D. Quit India movement

A. Wrong: the Khilafat movement began in 1919, fourteen years after Swadeshi.

B. Correct: formally launched at Calcutta Town Hall on 7 August 1905 after the partition of Bengal, it is the earliest of the four listed movements — the first mass boycott of British goods and promotion of Indian-made goods.

C. Wrong: Gandhi's Non-Cooperation movement began in 1920, after Swadeshi.

D. Wrong: Quit India was launched in August 1942, the latest of the four.

Question 3 General Knowledge

Pakistan is located in tropic zone of:

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

akistan lies in the northern hemisphere, not the southern tropic zone.

B. Correct: Pakistan lies between about 24°N and 37°N, north of the Tropic of Cancer (23.5°N), in the northern (north temperate) zone.

C. Wrong: east and west are longitudes, not tropic zones; the stem asks for the north–south zone.

D. Wrong: same error as C — west is a longitude direction, not a tropic zone.

Question 4 Computer

Central Processing Unit is combination of:

- A. Control and Storage
- B. Arithmetic logic and Input Unit
- C. Central and Out Unit
- D. Arithmetic logic and Control unit ✓ **Correct answer**

A. Wrong: storage (memory) is a separate unit of the computer, not part of the CPU.

B. Wrong: the input unit feeds data in from outside; it is not inside the CPU.

C. Wrong: the output unit is outside the CPU, and "Central and Out Unit" is not a recognised combination.

D. Correct: the CPU is the combination of the Arithmetic Logic Unit (ALU), which does arithmetic and logical operations, and the Control Unit (CU), which directs the processor's work.

Question 5 Computer

Pick one that is used for the logical operations or Comparisons, Such as less then, equal or greater than:

- A. Arithmetic & Logic Unit ✓ **Correct answer**

trol Unit

- C. Both A & B
- D. None of these

A. Correct: the ALU performs logical operations and comparisons such as less than, equal to and greater than.

B. Wrong: the Control Unit directs and coordinates the processor's operations; it does not itself perform comparisons.

C. Wrong: only the ALU does the comparing; the Control Unit does not, so "both" cannot be right.

D. Wrong: the ALU is among the options and is the right answer.

Question 6 Computer

Analog computer works on the supply of:

- A. Magnetic Strength
- B. Electrical pulse but not continues
- C. Continues electrical pulses ✓ **Correct answer**
- D. None of these

A. Wrong: magnetic strength is not what an analog computer works on; it works on continuously varying signals.

B. Wrong: pulses that are not continuous describe digital (discrete) signals, the opposite of analog working.

C. Correct: an analog computer works on continuously varying electrical signals (voltages/currents) that represent physical quantities.

D. Wrong: option C is the right answer.

7 Computer

The computer that processes analog and digital is called?

- A. Analog Computer
- B. Digital Computer
- C. Hybrid Computer ✓ **Correct answer**
- D. Main Frame Computer

A. Wrong: an analog computer processes only continuous (analog) data, not digital data.

B. Wrong: a digital computer processes only discrete (digital) data, not analog data.

C. Correct: a hybrid computer combines analog and digital processing, handling both kinds of data.

D. Wrong: a mainframe is a large, powerful computer class (a matter of size and power), not a type defined by processing both analog and digital data.

Question 8 Computer

Tape speed is measured in:

- A. Feet per second
- B. Inch per second ✓ **Correct answer**
- C. Meters per second
- D. Centimeters per second

A. Wrong: magnetic tape speed is conventionally stated in inches per second, not feet per second.

B. Correct: tape speed (for magnetic tape drives) is measured in inches per second (ips).

C. Wrong: metres per second is a general speed unit, not the conventional unit for tape speed.

D. Wrong: centimetres per second is not the conventional unit for tape speed.

9 Computer

Binary circuit elements have:

- A. One stale state
- B. Two stable state ✓ **Correct answer**
- C. Three stable state
- D. None of these

A. Wrong: a single state could not represent binary information, and "stale" is a misprint for "stable".

B. Correct: a binary circuit element has two stable states, representing 0 and 1.

C. Wrong: three states would be ternary, not binary.

D. Wrong: option B is the right answer.

Question 10 Computer

Which statement is valid:

- A. 1KB = 1024 bytes ✓ **Correct answer**
- B. 1MB = 2048 Lessons
- C. 1MB = 1000 kilobytes
- D. 1KB = 1000 bytes

A. Correct: in the binary convention used in computing, 1 kilobyte = 2^10 = 1024 bytes.

B. Wrong: "Lessons" is a garbled distractor and the figure is wrong (1 MB = 1024 KB).

C. Wrong: in the binary convention 1 MB = 1024 kilobytes, not 1000 (1000 is the decimal/SI convention, and the paper's keyed convention is binary, as option A shows).

D. Wrong: in the binary convention 1 KB = 1024 bytes, not 1000.

Who is known as the first martyr of Karbala?

- A. Sakinah bint Hussain
- B. The tribe of Bani Asad
- C. Hurr ibn Yazid ✓ **Correct answer**
- D. None of these

A. Wrong: Sakinah (Sakina) was Imam Hussain's young daughter; she was not a martyr of the battlefield.

B. Wrong: the Banu Asad buried the martyrs after the battle; the tribe as a whole is not named as the first martyr.

C. Correct: Hurr ibn Yazid al-Riyahi, the Kufan commander who first blocked Hussain's way and then crossed over to his side on the morning of Ashura, was the first to go out to fight and the first of Hussain's companions to fall (10 Muharram 61 AH); the tradition names him the first martyr of Karbala.

D. Wrong: Hurr ibn Yazid is among the options and is the right answer.

Question 12 Islamiat

Surah Muzammil means:

- A. Cover
- B. Wrapped in Garments ✓ **Correct answer**
- C. In the Sky
- D. Iron

A. Wrong: "cover" is too vague — the name is a specific address to the one wrapped up, not a general word for cover.

B. Correct: Al-Muzzammil means "the one wrapped in garments" (the Enshrouded One); the surah opens "O you who wraps himself [in clothing]".

at is not the meaning of Muzzammil; no sky reference is in the name.

D. Wrong: "Iron" is the meaning of Al-Hadid, a different surah (57).

Question 13 Islamiat

Who was the First Women “Hafiza e Quran”?

- A. Umal Mumneen Hazrat Ayesha (RA)
- B. Umal Mumneen Hafshah bint-e-Umar (RA) ✓ **Correct answer**
- C. Umal Mumneen Hazrat Zainab (RA)
- D. None of these

A. Wrong: Aisha (RA) was a great scholar and narrator of hadith, but the first woman to memorise the whole Quran is named as Hafsa, not Aisha.

B. Correct: Hafsa bint Umar (RA), wife of the Prophet and daughter of Umar ibn al-Khattab, is recorded as the first woman to memorise the entire Quran; she was also entrusted with the safekeeping of the first compiled Mushaf, which Uthman later borrowed to standardise the text.

C. Wrong: Zainab (RA) was a wife of the Prophet, but she is not the one named as the first woman Hafiza.

D. Wrong: Hafsa is among the options and is the right answer.

Question 14 Islamiat

When Treaty of Hudaybiyyah took place?

- A. Shaban 6 AH
- B. Rajab 6 AH
- C. Zhu al-Qi’dah, 6 AH ✓ **Correct answer**
- D. Ramzan 6 AH

A. Wrong: the treaty was concluded in Dhu al-Qi'dah, not Shaban.

Rajab is the wrong month for the treaty.

C. Correct: the Treaty of Hudaybiyyah was concluded in Dhu al-Qi'dah 6 AH (March 628 CE), when the Prophet and his companions were stopped on their way to perform Umrah.

D. Wrong: Ramadan is the wrong month for the treaty.

Question 15 Islamiat

When was First Hajj performed by Muslims:

- A. 9 Hijri ✓ **Correct answer**
- B. 10 Hijri
- C. 11 Hijri
- D. 8 Hijri

A. Correct: the first Hajj performed by the Muslims after Hajj was made obligatory was in 9 AH, led by Abu Bakr (RA).

B. Wrong: 10 AH is the year of the Farewell Pilgrimage (Hajjat-ul-Wida) led by the Prophet himself, not the first Hajj.

C. Wrong: the Prophet passed away in 11 AH; no first Hajj took place then.

D. Wrong: Hajj had not yet been performed by the Muslims in 8 AH.

Question 16 Islamiat

The longest Surah in Quran is:

- A. Surah Yaseen
- B. Surah Al-Baqarah ✓ **Correct answer**
- C. Surah Rehman
- D. Surah Tuba

A. Wrong: Yaseen (36) is a much shorter surah, known as the heart of the Quran, not the

B. Correct: Al-Baqarah (2) is the longest surah, with 286 verses.

C. Wrong: Ar-Rahman (55) has 78 verses, far shorter than Al-Baqarah.

D. Wrong: At-Tawbah (9), sometimes called Bara'ah, has 129 verses — long, but not the longest.

Question 17 Islamiat

The total number of Makki surahs are?

- A. 28
- B. 86 ✓ **Correct answer**
- C. 190
- D. 35

A. Wrong: 28 is the number of Madani surahs (114 − 86 = 28), not Makki.

B. Correct: of the 114 surahs, 86 are Makki (revealed before the Hijrah) and 28 are Madani.

C. Wrong: there are only 114 surahs in total, so 190 is impossible.

D. Wrong: 35 matches neither the Makki count (86) nor the Madani count (28).

Question 18 Islamiat

When did the Holy Prophet (PBHU) performed Hajjat-ul-Wida?

- A. 630 AD
- B. 632 AD ✓ **Correct answer**
- C. 633 AD
- D. 636 AD

A. Wrong: 630 CE is the year of the Conquest of Makkah (8 AH), not the Farewell Pilgrimage.

The Farewell Pilgrimage (Hajjat-ul-Wida) took place in 10 AH, i.e. 632 CE, a few months before the Prophet's passing.

C. Wrong: the Prophet had already passed away in 632 CE (11 AH).

D. Wrong: 636 CE is years after the Prophet's passing (the Battle of Yarmouk was fought in 636 CE).

Question 19 Pakistan Studies

When was the First Pakistani Postal Stamp issued?

- A. August 1948
- B. December 1947
- C. February 1948
- D. July 1948 ✓ **Correct answer**

A. Wrong: August 1948 saw the first REGULAR (definitive) series, issued 14 August 1948 — not the first stamp.

B. Wrong: no first Pakistani stamp issue is dated December 1947 (the overprinted British Indian stamps came out on 1 October 1947).

C. Wrong: no first stamp issue is dated February 1948.

D. Correct: the first indigenous Pakistani stamps — a four-stamp independence commemorative set designed by A. R. Chughtai — were issued on 9 July 1948. (The very first stamps used in Pakistan were British Indian stamps overprinted "PAKISTAN" on 1 October 1947, but the first stamps printed FOR Pakistan are the July 1948 set; see verification summary.)

Question 20 Pakistan Studies

Defence Day is observed on?

- A. 6th September ✓ **Correct answer**

- C. 7th September
- D. None of these

A. Correct: Defence Day is observed on 6 September every year, marking the day in 1965 when Pakistan's armed forces defended Lahore against the Indian attack.

B. Wrong: 11 September is the death anniversary of Quaid-e-Azam Muhammad Ali Jinnah (1948), not Defence Day.

C. Wrong: 7 September is Pakistan Air Force Day (1965 war), a separate observance.

D. Wrong: 6 September is among the options and is the right answer.

Question 21 General Knowledge

Who among the following was a poet of the Italian Renaissance?

- A. Rossetti
- B. Virgil
- C. Homer
- D. Dante ✓ **Correct answer**

A. Wrong: Dante Gabriel Rossetti was a 19th-century English Pre-Raphaelite poet and painter, not an Italian Renaissance poet.

B. Wrong: Virgil was a Roman poet of the Augustan age (1st century BCE), long before the Renaissance.

C. Wrong: Homer was the ancient Greek epic poet (Iliad, Odyssey), centuries before the Renaissance.

D. Correct: Dante Alighieri (1265–1321), author of the Divine Comedy, is the great Italian poet of the late medieval / early Renaissance period.

22 General Science

A tight-rope walker carries a long pole which he holds across his body. The purpose of this pole is to:

- A. Prop him up if he falls
- B. Spread out his weight and reduce the pressure on the rope
- C. Add extra weight to keep the rope tightly stretched
- D. To keep the Centre of gravity always vertically ✓ **Correct answer**

A. Wrong: the pole cannot prop the walker up; it is held in the hands, not planted on anything.

B. Wrong: the pole adds weight rather than reducing pressure on the rope; pressure reduction is not its purpose.

C. Wrong: the rope is tensioned independently; the pole's weight is incidental, not its purpose.

D. Correct: the long pole lowers the walker's centre of gravity and increases the moment of inertia, so the centre of gravity stays vertically above the rope and small tilts can be corrected by shifting the pole.

Question 23 General Science

The speed of sound in air at sea level is approximately:

- A. 300 meter per second
- B. 320 meter per second
- C. 340 meters per second ✓ **Correct answer**
- D. 370 meter per second

A. Wrong: too low; sound in air at sea level travels faster than 300 m/s.

B. Wrong: still below the accepted value (sound is about 331 m/s at 0°C and about 343 m/s at 20°C).

The speed of sound in air at sea level is approximately 340 m/s (about 343 m/s at 20°C).

D. Wrong: too high for air at sea level (sound travels faster in water or solids, not in air).

Question 24 General Science

The study of Glands is called?

- A. Cardiology
- B. Entomology
- C. Endocrinology ✓ **Correct answer**
- D. None of these

A. Wrong: cardiology is the study of the heart, not of glands.

B. Wrong: entomology is the study of insects, not of glands.

C. Correct: endocrinology is the study of the endocrine glands and the hormones they secrete.

D. Wrong: endocrinology is among the options and is the right answer.

Question 25 General Science

Human beings use how many litters of pure-oxygen per day?

- A. 550 ✓ **Correct answer**
- B. 2500
- C. 1050
- D. 10,000

A. Correct: a resting adult breathes about 11,000 litres of air a day; inhaled air is about 20% oxygen and exhaled air about 15%, so about 5% of the air volume is consumed — roughly 550 litres of pure oxygen per day.

r above the resting consumption figure; no standard estimate gives 2,500 litres a day.

C. Wrong: roughly double the accepted resting figure of about 550 litres.

D. Wrong: about 10,000–11,000 litres is the total AIR breathed in a day, not the pure oxygen consumed.

Question 26 General Science

Which of these plants open its mouth when an insect sits on its lid?

- A. Sunflower
- B. Pitcher Plant ✓ **Correct answer**
- C. Brassica Plant
- D. None of these

A. Wrong: the sunflower is an ordinary flowering plant; it has no trap, lid or mouth and eats no insects.

B. Correct: the pitcher plant is insectivorous; its leaf forms a pitcher with a lid, and an insect that lands on the lid slips into the pitcher and is digested.

C. Wrong: Brassica (mustard, cabbage family) is an ordinary crop plant with no insect trap.

D. Wrong: the pitcher plant is among the options and is the right answer.

Question 27 General Science

Which of the following planets have the longest day?

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

piter has the SHORTEST day of the planets, about 10 hours.

B. Wrong: Mercury's day is long (about 59 Earth days), but Venus's is longer.

C. Wrong: Earth's day is 24 hours, far shorter than Venus's.

D. Correct: Venus rotates slowest — one Venusian day lasts about 243 Earth days, longer than its year (225 Earth days) and longer than any other planet's day.

Question 28 General Science

Approximately age of earth is?

- A. 4.14 billion years
- B. 4.64 billion years
- C. 4.54 billion years ✓ **Correct answer**
- D. 4.34 billion years

A. Wrong: too young by about 400 million years; the accepted age is 4.54 billion years.

B. Wrong: too old by about 100 million years.

C. Correct: the Earth is about 4.54 billion years old, dated from meteorites and the oldest Earth rocks.

D. Wrong: too young by about 200 million years.

Question 29 General Knowledge

Which one has no charge?

- A. Atoms ✓ **Correct answer**
- B. Molecule
- C. H2O
- D. Compounds

A. Picked: an atom carries no net charge — its positively charged protons are exactly

its negatively charged electrons — and this is the textbook-intended answer.

B. Not picked: a molecule is also electrically neutral overall, so it is not wrong in the strict sense, but it is not the answer the question is keyed to.

C. Not picked: a water molecule is neutral overall (its polar bonds give it partial charges, but no net charge), so it too is not wrong in the strict sense.

D. Not picked: compounds are neutral overall as well. The stem is loosely worded — all four options carry no net charge — so A is picked as the closest, standard keyed answer, decided by the assistant under the owner's 8 Nov 2026 delegation.

Question 30 General Knowledge

The industrial revolution first took place in:

- A. England ✓ **Correct answer**
- B. America
- C. France
- D. Germany

A. Correct: the Industrial Revolution began in England in the late 18th century (from about the 1760s), with mechanised textiles, steam power and iron-making.

B. Wrong: the United States industrialised later, in the 19th century, following Britain's lead.

C. Wrong: France industrialised in the 19th century, after England.

D. Wrong: Germany industrialised later still, mainly after unification in 1871.

Question 31 Computer

The first electronic computer in the world was:

- A. UNIVAC

- C. ENIAC ✓ **Correct answer**
- D. None of these

A. Wrong: UNIVAC (1951) was the first COMMERCIAL computer, not the first electronic computer.

B. Wrong: EDVAC (1949) was an early stored-program computer, but it came after ENIAC.

C. Correct: ENIAC (Electronic Numerical Integrator and Computer, completed 1945) is the standard answer for the first general-purpose electronic digital computer.

D. Wrong: ENIAC is among the options and is the right answer.

Question 32 Computer

Which American computer company is called Big Blue?

- A. Microsoft
- B. Compaq Corp
- C. IBM ✓ **Correct answer**
- D. Tendy Seven Swenton

A. Wrong: Microsoft is the software company founded by Bill Gates; it is not called Big Blue.

B. Wrong: Compaq was a PC maker (later bought by HP); it was never called Big Blue.

C. Correct: IBM (International Business Machines) is nicknamed "Big Blue", from its blue logo and corporate colour.

D. Wrong: a nonsense distractor with no meaning, filed as printed.

Question 33 Computer

The output quality of a printer is measured by:

-per inch ✓ **Correct answer**

- B. Dot per sq. inch
- C. Dots printed per unit time
- D. All of these

A. Correct: printer output quality (resolution) is measured in dots per inch (dpi) — the more dots per inch, the sharper the print.

B. Wrong: that would be a density over an area, not the standard resolution measure.

C. Wrong: that measures printing SPEED, not output quality.

D. Wrong: only dots per inch measures quality; speed and area-density do not.

Question 34 Computer

Which of the following is a primary function of GIS?

- A. Data encryption
- B. Spatial analysis ✓ **Correct answer**
- C. Video editing
- D. Word Processing

A. Wrong: encryption is a security function, not a function of a Geographic Information System.

B. Correct: a GIS (Geographic Information System) captures, stores and analyses spatial (geographic) data; spatial analysis is its primary function.

C. Wrong: video editing is done by video software, not by a GIS.

D. Wrong: word processing is done by word processors, not by a GIS.

Question 35 Computer

What is geocoding in GIS?

verting text into spatial data ✓ **Correct answer**

- B. Converting spatial data into text
- C. Mapping out geographic features
- D. Measuring the distance between two points

A. Correct: geocoding turns a text address (or place name) into geographic coordinates (latitude and longitude) that can be placed on a map.

B. Wrong: that is the reverse process (reverse geocoding), not geocoding.

C. Wrong: that is general mapping, not the specific text-to-coordinates conversion called geocoding.

D. Wrong: that is a measurement operation in a GIS, not geocoding.

Question 36 Computer

Which GIS operation would you use to combine two different layers of data?

- A. Clipping
- B. Merging ✓ **Correct answer**
- C. Buffering
- D. Interpolating

A. Wrong: clipping CUTS a layer down to the boundary of another layer; it does not combine layers.

B. Correct: merging (overlay/union) combines two layers of data into one.

C. Wrong: buffering draws a zone of a set distance around a feature; it does not combine layers.

D. Wrong: interpolation estimates values between known points (e.g. a surface from sample points); it does not combine layers.

37 Computer

What is the term for analysis of patterns in spatial data?

- A. Data Mining ✓ **Correct answer**
- B. Temporal geographical features
- C. To encrypt sensitive information
- D. To create 3D models

A. Picked: the precise term for analysing patterns in spatial data is "spatial analysis", which is not offered; data mining is the closest offered option, since spatial data mining is the discovery of patterns in spatial data.

B. Not picked: that names time-based features, not a method of analysing patterns.

C. Not picked: that is a security task, not a term for pattern analysis.

D. Not picked: that is a modelling task, not a term for pattern analysis. Decided by the assistant under the owner's 8 Nov 2026 delegation.

Question 38 Computer

What is the main purpose of a shapefile in GIS?

- A. To store text data
- B. To store geographical features ✓ **Correct answer**
- C. To encrypt sensitive information
- D. To create 3D models

A. Wrong: a shapefile's attribute table holds some text, but its purpose is not text storage — that is a document or database's job.

B. Correct: a shapefile stores geographic features (points, lines and polygons) with their locations and attributes for use in a GIS.

C. Wrong: a shapefile does no encryption.

D modelling is done by CAD or 3D software, not by a shapefile.

Question 39 Computer

What type of data is represented by points, lines and polygons in GIS?

- A. Raster data
- B. Vector data ✓ **Correct answer**
- C. Statistical data
- D. Temporal data

A. Wrong: raster data is a grid of cells/pixels (like a satellite image), not points, lines and polygons.

B. Correct: in a GIS, points, lines and polygons are the three forms of vector data, defined by coordinates.

C. Wrong: statistical data is numerical data for analysis, not a spatial data model.

D. Wrong: temporal data is data that changes over time, not a spatial data model.

Question 40 Computer

Which GIS software is widely used for creating maps and analyzing spatial data?

- A. Adobe Photoshop
- B. Microsoft Excel
- C. ArcGIS ✓ **Correct answer**
- D. AutoCAD

A. Wrong: Photoshop is image-editing software, not GIS software.

B. Wrong: Excel is a spreadsheet; it can hold tables of coordinates but it is not GIS software.

C. Correct: ArcGIS (by Esri) is the most widely used GIS software for creating maps and

atial data.

D. Wrong: AutoCAD is CAD (computer-aided design) drafting software, not GIS software.

Question 41 Mathematics

Which of the following is an example of an irrational number?

- A. 1.5
- B. 22/7
- C. Square root of 2 ✓ **Correct answer**
- D. None of these

A. Wrong: 1.5 = 3/2, a ratio of two integers, so it is rational.

B. Wrong: 22/7 is a ratio of two integers, so it is rational (it is only an approximation of pi, not pi itself).

C. Correct: √2 cannot be written as a ratio of two integers — its decimal expansion never ends and never repeats — so it is irrational.

D. Wrong: √2 is among the options and is irrational.

Question 42 Mathematics

What is the square root of 144?

- A. 10
- B. 11
- C. 12 ✓ **Correct answer**
- D. 14

A. Wrong: $10^2 = 100$, not 144.

B. Wrong: $11^2 = 121$, not 144.

C. Correct: $12 \times 12 = 144$, so $\sqrt{144} = 12$.

l^2 = 196, not 144.

Question 43 Mathematics

What is the value of 52?

- A. 25 ✓ **Correct answer**
- B. 75
- C. 125
- D. 150

A. Correct: the stem "52" is a garbled rendering of 5^2 (5 squared), and $5^2 = 5 \times 5 = 25$.

B. Wrong: 75 is not 5^2 (it is 5×15, or 3×25).

C. Wrong: 125 is 5^3 ($5 \times 5 \times 5$), not 5^2.

D. Wrong: 150 is not a power of 5 at all.

Question 44 Islamiat

An effective Zakat System ensures elimination of?

- A. Poverty ✓ **Correct answer**
- B. Ignorance
- C. Class Distinction
- D. Interest

A. Correct: Zakat transfers wealth from the rich to the poor, and an effective Zakat system is presented in Islamic teaching as the means to eliminate poverty.

B. Wrong: ignorance is removed by education and knowledge, not by Zakat.

C. Wrong: Zakat narrows the gap between rich and poor, but the direct, named aim in this standard question is the elimination of poverty, not of class itself.

D. Wrong: interest (riba) is eliminated by the prohibition of riba, not by the Zakat system.

Name the Ummul-Momineen who narrated about 2210 hadith of the Prophet (PBHU)?

- A. Hazrat Hafsha (RA)
- B. Hazrat Khadijah (RA)
- C. Hazrat Aisha Siddiqa (RA) ✓ **Correct answer**
- D. Hazrat Zainab (RA)

A. Wrong: Hafsa (RA) narrated only about 60 hadith, not 2,210.

B. Wrong: Khadijah (RA), the first wife, died before most hadith narration began and narrated very few hadith.

C. Correct: Aisha (RA) is the most prolific narrator among the wives of the Prophet, credited with about 2,210 narrated hadith.

D. Wrong: Zainab (RA) narrated far fewer hadith than Aisha.

Question 46 Islamiat

The Battle of Karbala took place on which Hijra?

- A. 61 AH ✓ **Correct answer**
- B. 65 AH
- C. 68 AH
- D. 69 AH

A. Correct: the Battle of Karbala was fought on 10 Muharram 61 AH (10 October 680 CE).

B. Wrong: 65 AH is four years after Karbala.

C. Wrong: 68 AH is seven years after Karbala.

D. Wrong: 69 AH is eight years after Karbala.

47 Islamiat

What does Surah Ankaboot mean?

- A. Cat
- B. Cockroach
- C. Horse
- D. Spider ✓ **Correct answer**

A. Wrong: "cat" is not the meaning of Ankaboot; no surah is named "the Cat".

B. Wrong: no surah is named after the cockroach.

C. Wrong: "horse" is not the meaning of Ankaboot (horses appear in Surah Al-Adiyat, "the Chargers").

D. Correct: Al-Ankaboot (29) means "the Spider"; verse 41 compares those who take protectors besides Allah to a spider that builds the frailest of houses.

Question 48 Islamiat

Who is known as Adam-e-Sani?

- A. Hazrat Adam (A.S)
- B. Hazrat Moosa (A.S)
- C. Hazrat Nooh (A.S) ✓ **Correct answer**
- D. Hazrat Ibrahim (A.S)

A. Wrong: Adam (AS) is the FIRST Adam (Adam-e-Awwal), not the second.

B. Wrong: Musa (AS) is known as Kalimullah (the one who spoke with Allah), not Adam-e-Sani.

C. Correct: Nuh (AS) is called Adam-e-Sani (the Second Adam) because after the Flood, mankind descended from him and his sons — humanity began again through him.

D. Wrong: Ibrahim (AS) is known as Khalilullah (the Friend of Allah), not Adam-e-Sani.

49 Islamiat

Namaz-e-Taraweeh is:

- A. Wajib
- B. Farz
- C. Sunnah ✓ **Correct answer**
- D. None of these

A. Wrong: Taraweeh is not Wajib (obligatory in the Hanafi sense); it is not among the five daily prayers.

B. Wrong: Farz prayers are the five daily prayers; Taraweeh is not one of them.

C. Correct: Taraweeh is Sunnah Mu'akkadah — the night prayer of Ramadan, established by the Prophet's practice and continued by the companions.

D. Wrong: Sunnah is among the options and is the right answer.

Question 50 Islamiat

In which language Zaboor was revealed?

- A. Hebrew ✓ **Correct answer**
- B. Syriac
- C. Arabic
- D. Farsi

A. Correct: the Zaboor (Psalms) was revealed to Dawud (David, AS) in Hebrew, the language of the Israelites of his time.

B. Wrong: Syriac is the language associated with the Injeel's later transmission in the region, not with the Zaboor.

C. Wrong: Arabic is the language of the Quran, revealed to Muhammad (PBUH), not of the Zaboor.

ursi (Persian) is the language of no revealed book in this series.

Question 51 Balochistan Studies

What is the total area of Balochistan Province?

- A. 74,521 Sq km
- B. 40,914 Sq km
- C. 347,190 Sq km ✓ **Correct answer**
- D. 205, 344 Sq km

A. Wrong: far too small for Balochistan, Pakistan's largest province (about 44% of the country's area).

B. Wrong: far too small; that is closer to the area of a small province or a division, not Balochistan.

C. Correct: Balochistan covers about 347,190 square kilometres, the largest of Pakistan's provinces.

D. Wrong: too small by about 140,000 sq km (that figure is nearer to Khyber Pakhtunkhwa's area with the merged districts).

Question 52 Pakistan Studies

Diamer Bashah Dam is to be constructed on?

- A. River Sutlej
- B. River Jhelum
- C. River Chenab
- D. None of these ✓ **Correct answer**

A. Wrong: the Sutlej carries no Diamer-Basha dam (its major dam is Bhakra, in India).

B. Wrong: the Jhelum's major dam is Mangla, not Diamer-Basha.

e Chenab's dams are in Indian-administered Kashmir and Punjab; Diamer-Basha is not on the Chenab.

D. Correct: the Diamer-Basha Dam is being built on the River Indus (in Gilgit-Baltistan / Khyber Pakhtunkhwa), and the Indus is not among the options — so "None of these" is the right answer.

Question 53 Pakistan Studies

Which one is the National animal of Pakistan?

- A. Markhor ✓ **Correct answer**
- B. Goat
- C. Camel
- D. Snow leopard

A. Correct: the markhor, the wild goat of the northern mountains, is Pakistan's national animal.

B. Wrong: the domestic goat is not the national animal; the markhor is a specific wild goat species, not the ordinary goat.

C. Wrong: the camel is not Pakistan's national animal.

D. Wrong: the snow leopard lives in Pakistan's mountains and is a protected species, but it is not the national animal.

Question 54 Pakistan Studies

The National Tree of Pakistan is?

- A. Neem
- B. Peepul
- C. Sheesham
- D. Deodar ✓ **Correct answer**

e neem is a common medicinal tree in South Asia, but it is not Pakistan's national tree.

B. Wrong: the peepal is sacred in Hindu and Buddhist tradition, but it is not Pakistan's national tree.

C. Wrong: sheesham (Indian rosewood) is a valuable timber tree in Pakistan, but it is not the national tree.

D. Correct: the deodar (Himalayan cedar) is Pakistan's national tree.

Question 55 Pakistan Studies

When did Quaid e Azam join All India Muslim League?

- A. 1911
- B. 1912
- C. 1913 ✓ **Correct answer**
- D. 1914

A. Wrong: Jinnah was still a Congress member in 1911; he joined the League two years later.

B. Wrong: in 1912 Jinnah was working to bring the League and Congress together, but he had not yet joined the League.

C. Correct: Muhammad Ali Jinnah joined the All India Muslim League in 1913, while remaining a member of the Congress (the "ambassador of Hindu-Muslim unity" period).

D. Wrong: by 1914 Jinnah was already a League member; the joining year is 1913.

Question 56 Pakistan Studies

Which reforms introduced separate electorate for Hindus and Muslims?

- A. Minto-Morley Reforms ✓ **Correct answer**

- C. Both
- D. None of these

A. Correct: the Indian Councils Act 1909 (Minto-Morley Reforms) introduced separate electorates for Muslims — the first time Muslims voted in a separate electorate.

B. Wrong: the Montague-Chelmsford Reforms (Government of India Act 1919) EXPANDED separate electorates to other communities, but did not introduce them.

C. Wrong: only the Minto-Morley Reforms introduced separate electorates; the Montagu reforms extended them.

D. Wrong: the Minto-Morley Reforms are among the options and are the right answer.

Question 57 Pakistan Studies

How many Peaks in Pakistan are higher than 7000 meters?

- A. 108 ✓ **Correct answer**
- B. 117
- C. 125
- D. 191

A. Correct: Pakistan is home to 108 peaks above 7,000 metres (and 4,555 above 6,000 m), most of them in the Karakoram, with some in the Himalaya and Hindu Kush.

B. Wrong: no standard count gives 117 peaks above 7,000 m.

C. Wrong: no standard count gives 125 peaks above 7,000 m.

D. Wrong: no standard count gives 191 peaks above 7,000 m.

Question 58 Pakistan Studies

Boundary line between Azad Kashmir and Indian Occupied Kashmir is called?

- e of Control ✓ **Correct answer**
- B. Durand Line
- C. Order-Neisse line
- D. The Redclife Line

A. Correct: the Line of Control (LoC) is the military control line dividing Azad Jammu and Kashmir from Indian-occupied Jammu and Kashmir, agreed after the 1971 war (Simla Agreement 1972).

B. Wrong: the Durand Line is the border between Pakistan and Afghanistan.

C. Wrong: the Oder-Neisse line is the border between Germany and Poland.

D. Wrong: the Radcliffe Line is the border between Pakistan and India (Punjab and Bengal), not the Kashmir control line.

Question 59 Pakistan Studies

The height of Nanga Parbat is:

- A. 7818 meters
- B. 8126 meters ✓ **Correct answer**
- C. 8028 meters
- D. 9615 meters

A. Wrong: too low by about 300 metres (that figure is nearer to Rakaposhi's 7,788 m).

B. Correct: Nanga Parbat is 8,126 metres high, the world's ninth-highest mountain.

C. Wrong: about 100 metres short of the accepted height.

D. Wrong: far too high — no mountain on Earth is 9,615 m (Everest is 8,849 m).

Question 60 Pakistan Studies

Quit India movement in 1942 was started by:

- B. Quaid-e-Azam
- C. Allama Iqbal
- D. Jawahar Lal Nehru

A. Correct: Gandhi launched the Quit India movement in August 1942 with the call "Do or Die"; he was its leader.

B. Wrong: Jinnah led the Muslim League, which did not join the Quit India movement (the League observed it from the sidelines).

C. Wrong: Iqbal had died in 1938, four years before Quit India.

D. Wrong: Nehru was a Congress leader who took part in the movement, but it was started by Gandhi, not by Nehru.

Question 61 General Knowledge

Denmark is situated in?

- A. Eastern Europe
- B. Western Europe
- C. Northern Europe ✓ **Correct answer**
- D. Southern Europe

A. Wrong: Eastern Europe is the region of Poland, Ukraine, Romania and others; Denmark is not in it.

B. Wrong: Western Europe is France, Germany, Belgium and the Netherlands; Denmark is classified north of them.

C. Correct: Denmark is in Northern Europe (the UN geoscheme places Denmark in Northern Europe, with the other Nordic countries).

D. Wrong: Southern Europe is the Mediterranean region (Spain, Italy, Greece); Denmark is

Question 62 General Science

People living at a higher altitude (like mountains) usually have a?

- A. Lesser number of Red Blood Cells
- B. Higher number of Red Blood Cells ✓ **Correct answer**
- C. Lesser number of White Blood Cells
- D. Higher number of White Blood Cells

A. Wrong: the opposite happens — the body makes MORE red cells at altitude, not fewer.

B. Correct: at high altitude the air has less oxygen, so the body produces more red blood cells to carry more oxygen (acclimatisation).

C. Wrong: white blood cells fight infection; altitude does not reduce them in this way, and the question is about red cells.

D. Wrong: white blood cells are not the cells that increase to cope with thin air; red blood cells are.

Question 63 General Knowledge

Who discovered Canada?

- A. Christopher Columbus
- B. Ferdinand Magelian
- C. John Cabot
- D. Jacques Cartier ✓ **Correct answer**

A. Wrong: Columbus reached the Caribbean and the American mainland in 1492–1498, not Canada.

B. Wrong: Magellan circumnavigated the globe via the southern tip of South America; he never reached Canada.

d: Cabot (Giovanni Caboto) reached Newfoundland in 1497, the first European to land on the Canadian coast — a genuinely defensible answer, and the earlier arrival.

D. Picked: Cartier sailed from St. Malo in 1534, explored the Gulf of St. Lawrence, claimed the land for France and gave it the name Canada; older histories call him "the real discoverer of Canada", and he is the standard keyed answer in these papers. Two answers are defensible, so D is picked as the closest standard answer, decided by the assistant under the owner's 8 Nov 2026 delegation.

Question 64 General Knowledge

Second most populous country in the world is:

- A. Russia
- B. India
- C. Nigeria
- D. Indonesia

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

A. Wrong: Russia's population is about 144 million, far below China or India.

B. Wrong: India was the most populous country, not the second, from April 2023 onwards.

C. Wrong: Nigeria's population is about 220 million, far below China.

D. Wrong: Indonesia's population is about 280 million, far below China. The item must never be taught as having an answer.

Question 65 General Knowledge

Indonesia is situated in?

- A. South East Asia ✓ **Correct answer**
- B. South Asia

th-East Asia

- D. West Asia

A. Correct: Indonesia is the largest country of South East Asia, an archipelago between the Indian and Pacific Oceans.

B. Wrong: South Asia is India, Pakistan, Bangladesh, Nepal, Sri Lanka and others; Indonesia is not in it.

C. Wrong: North-East Asia is China, Japan and Korea; Indonesia is far to the south-east.

D. Wrong: West Asia is the Middle East (Saudi Arabia, Iraq, Turkey and others); Indonesia is not in it.

Question 66 Mathematics

Which one of these scientists formulated basic laws of Geometry?

- A. Pythagoras
- B. Archimedes
- C. Aristotle
- D. None of these ✓ **Correct answer**

A. Wrong: Pythagoras gave the theorem about the right triangle ($a^2 + b^2 = c^2$), not the basic LAWS of geometry; the printed key A is a known error, corrected here.

B. Wrong: Archimedes worked on areas, volumes and mechanics (the screw, the lever, buoyancy), not on the basic laws of geometry.

C. Wrong: Aristotle worked on logic, philosophy and natural science, not on the foundations of geometry.

D. Correct: the basic laws of geometry — the five postulates and the axiomatic system — were formulated by Euclid in the Elements (c. 300 BCE), and Euclid is not among the options.

67 Mathematics

The value of x in the equation 3x-5 =10 is?

- A. 3
- B. 5 ✓ **Correct answer**
- C. 7
- D. 8

A. Wrong: 3(3) − 5 = 9 − 5 = 4, not 10.

B. Correct: 3x − 5 = 10, so 3x = 15, so x = 15 ÷ 3 = 5. Check: 3(5) − 5 = 15 − 5 = 10.

C. Wrong: 3(7) − 5 = 21 − 5 = 16, not 10.

D. Wrong: 3(8) − 5 = 24 − 5 = 19, not 10.

Question 68 Mathematics

If the ratio of boys to girls in class is 3:2 and there are 15 boys, how many girls are there?

- A. 10 ✓ **Correct answer**
- B. 12
- C. 15
- D. 20

A. Correct: boys : girls = 3 : 2, and 15 boys ÷ 3 parts = 5 pupils per part, so girls = 2 × 5 = 10.

B. Wrong: 12 would give a ratio of 15 : 12 = 5 : 4, not 3 : 2.

C. Wrong: 15 girls would make the ratio 1 : 1, not 3 : 2.

D. Wrong: 20 girls would give a ratio of 15 : 20 = 3 : 4, not 3 : 2.

Question 69 Mathematics

The area of a rectangle is 24 square units. If the length is 6 units, what is the width?

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

A. Wrong: 6 × 2 = 12 square units, not 24.

B. Wrong: 6 × 3 = 18 square units, not 24.

C. Correct: area = length × width, so 24 = 6 × width, so width = 24 ÷ 6 = 4 units.

D. Wrong: 6 × 5 = 30 square units, not 24.

Question 70 Mathematics

Find the value of x in the inequality 3x-5>7

- A. X>4 ✓ **Correct answer**
- B. X<4
- C. X>3
- D. X<3

A. Correct: 3x − 5 > 7, so 3x > 12, so x > 12 ÷ 3 = 4.

B. Wrong: the inequality sign points the wrong way — x must be GREATER than 4, not less.

C. Wrong: at x = 3, 3(3) − 5 = 4, which is not greater than 7; the boundary is 4, not 3.

D. Wrong: both the value (3 instead of 4) and the direction (less instead of greater) are wrong.

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…nswers are as of the 2024 sitting.

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