Combined Competitive Examination (CCE) 2019 (Screening Test) — 2018 · Solved Past Paper

Body: Sindh Public Service Commission (SPSC) · **Post:** Combined Competitive Examination (CCE) 2019 (Screening Test) · **Year:** 2018 · **Questions:** 100 in the original paper — **99 solved and verified**, 1 excluded as defective (Q22) · **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 2018 sitting.

Source note: trickipoint.com, 'SPSC CCE 2019 Past Paper' (accessed 10 Nov 2026; 100 stems numbered 1-100, Paper Type D, 10:10 am to 11:40 am, Maximum marks 100, negative marking 0.25, all 4-option). No printed key. Every answer was verified independently under the owner's 8 Nov 2026 standard. 3 PICK-ONE (Q37 A Stratosphere — most commercial flights cruise at the troposphere/lower-stratosphere boundary; the troposphere is not offered and the wording 'the lower part of this layer' points to the stratosphere, the standard bank answer; Q42 A Asma Jahangir — the stem's 'racial equality' description fits Winnie Mandela, not an option; among the options Asma Jahangir is the only prominent woman campaigner who died in 2018; Q46 A Foundation : Building — canonical relationship 'an asylum provides refuge' per Barron's GRE Ch. 5; the only option with the same 'first term enables/provides the second' structure). 1 DEFECTIVE-excluded: Q22 (Entomology is the study of insects; 'insects' is not among the options Reptiles/Cell/Tissues/Mammals). Web-confirmed: Q7 C Krishna Kumari (BBC 100 Women 2018); Q17 C Iran (Pakistan's first diplomatic mission in Tehran; Raja Ghazanfar Ali ambassador 1948-1952). The r4rin partial reproduction of this sitting (50 of the 100 stems,

cross-checked the transcription. Subjects: English 20, General Knowledge 35, Science 24, Pakistan Studies 11, Mathematics 10. Dedup (10 Nov 2026, dedup161a.py vs 666 built files): 0 exact matches; top hit 37k 23/100 fuzzy >=0.55, 1 pair >=0.90 (Q55 vs 37k Q80 at 0.92 — same standard ages problem, different number) — not a duplicate.

Question 1 English

What is the Synonym of "Capricious":

- A. Active
- B. Unstable ✓ **Correct answer**
- C. Opposed
- D. Sleeplike

A. "Active" means energetic or busy; it is not a synonym of "capricious".

B. "Capricious" means given to sudden changes of mood or behaviour — changeable, unpredictable — so "unstable" is its synonym.

C. "Opposed" means against something; it is not a synonym of "capricious".

D. "Sleeplike" means resembling sleep; it has nothing to do with "capricious".

Question 2 Mathematics

Find the odd one out in given series: 51, 64, 121, 144, 256

- A. 51 ✓ **Correct answer**
- B. 121
- C. 144
- D. 256

A. 51 is the only number in the series that is not a perfect square, so it is the odd one out.

B. 121 = 11 x 11, a perfect square, so it belongs with the rest.

12, a perfect square, so it belongs with the rest.

D. 256 = 16 x 16, a perfect square, so it belongs with the rest.

Note: Note: 64 = 8 x 8 is also a perfect square; only 51 breaks the pattern.

Question 3 General Knowledge

The landlocked mountainous region of Nagorono-Karabakh is the subject of an unresolved dispute between:

- A. Turkey and Syria
- B. Iran and Iraq
- C. Ukraine and Russia
- D. Armenia and Azerbaijan ✓ **Correct answer**

A. Turkey and Syria dispute border and Kurdish issues, not Nagorno-Karabakh.

B. Iran and Iraq fought the 1980–1988 war over border territory, not Nagorno-Karabakh.

C. Ukraine and Russia dispute Crimea and Donbas, not Nagorno-Karabakh.

D. Nagorno-Karabakh is the Armenian-populated mountainous enclave inside Azerbaijan, disputed between Armenia and Azerbaijan since the Soviet period.

Note: Note: the print spells the region "Nagorono-Karabakh"; the standard spelling is Nagorno-Karabakh.

Question 4 Science

"USB" a device used to carry data from one computer or a laptop to another stands for:

- A. Universal System to carry Bytes
- B. Universal Secure Bus
- C. Unidirectional Saving Bus
- D. Universal Serial Bus ✓ **Correct answer**

made-up expansion, USB does not stand for this.

B. "Secure" is not part of the USB expansion.

C. "Unidirectional Saving" is not part of the USB expansion.

D. USB stands for Universal Serial Bus, the standard interface for connecting devices and carrying data between computers.

Question 5 Mathematics

Complete the analogy: 144: 23:: 169: ___?

- A. 32
- B. 64
- C. 24
- D. 25 ✓ **Correct answer**

A. 32 does not follow the pattern: 13 x 2 - 1 = 25, not 32.

B. 64 is 8 squared and has no relation to 169 under the pattern.

C. 24 is one less than the value the pattern gives (13 x 2 - 1 = 25).

D. 144 = 12 squared and 23 = 2 x 12 - 1; likewise 169 = 13 squared and 25 = 2 x 13 - 1, so 25 completes the analogy.

Question 6 English

Select the option which correctly replaces the underlined words in the sentence below:
Rubina said that she had told everyone except you and I.

- A. except you with
- B. except by for me
- C. except you and me ✓ **Correct answer**
- D. except you and myself

ou with" is ungrammatical and meaningless here.

B. "Except by for me" is ungrammatical.

C. "Except" is a preposition and takes the object case, so "I" must become "me": "except you and me" is correct.

D. "Myself" is a reflexive pronoun and cannot be used here without a matching subject "I" in the same clause.

Question 7 General Knowledge

Which of the following Pakistani Women featured on "BBC's list of 100 inspiring and influential Women for 2018"?

- A. Asma Jahangir
- B. Dr. Ruth Pfau
- C. Krishna Kumari ✓ **Correct answer**
- D. Malala Yousufzai

A. Asma Jahangir, the human-rights lawyer, died in February 2018 and was not on the BBC 100 Women 2018 list.

B. Dr. Ruth Pfau, the leprosy worker, died in August 2017 and was not on the 2018 list.

C. Senator Krishna Kumari Kohli, Pakistan's first Hindu Dalit woman senator (elected March 2018), was named on the BBC 100 Women 2018 list.

D. Malala Yousufzai was on the BBC 100 Women list in 2013, not in 2018.

Note: Note: judged by the exam date (9 December 2018); the BBC announced its 100 Women 2018 list in November 2018.

Question 8 General Knowledge

Amnesty International has withdrawn/revoked "Ambassador of Conscience Award" from:

- B. Benjamin Netanyahu
- C. Aung San Suu Kyi ✓ **Correct answer**
- D. None of these

A. Narendra Modi never received Amnesty's Ambassador of Conscience Award, so nothing was revoked from him.

B. Benjamin Netanyahu never received the award.

C. Amnesty International revoked the Ambassador of Conscience Award from Myanmar leader Aung San Suu Kyi in November 2018 over her handling of the Rohingya crisis; she had received it in 2009.

D. The award was revoked from Aung San Suu Kyi, so "None of these" is wrong.

Question 9 General Knowledge

The terrorists who attacked Chinese Consulate recently in Karachi numbered:

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

A. The attack was carried out by three gunmen, not two.

B. Three terrorists attacked the Chinese Consulate in Karachi on 23 November 2018; all three were killed by police.

C. Four is one more than the number of attackers.

D. Five is two more than the number of attackers.

Note: Note: judged by the exam date (9 December 2018); the attack took place on 23 November 2018.

Nephrons are a part of:

- A. Kidneys ✓ **Correct answer**
- B. Liver
- C. Lungs
- D. Heart

A. A nephron is the functional filtering unit of the kidney; each kidney contains about a million nephrons.

B. The liver's functional unit is the lobule, not the nephron.

C. The lungs' functional unit is the alveolus, not the nephron.

D. The heart has no nephrons; its muscle is made of cardiac muscle cells.

Question 11 General Knowledge

According to Election Commission of Pakistan, turnout (nearest) of General Election, 2018 for the National Assembly was:

- A. 48 percent
- B. 50 percent
- C. 52 percent ✓ **Correct answer**
- D. 54 percent

A. The official turnout was about 51.7 percent, which is nearer to 52 than to 48.

B. 50 percent is further from the official figure of about 51.7 percent than 52 is.

C. The Election Commission of Pakistan reported a turnout of about 51.7 percent for the 2018 General Election, so 52 percent is the nearest option.

D. 54 percent is further from 51.7 percent than 52 is.

12 Mathematics

Find out the missing in the following pattern: 12, 14, 10, 16, ___, 18, 6, 20, 4

- A. 6
- B. 8 ✓ **Correct answer**
- C. 12
- D. 14

A. 6 already appears later in the series (7th term) and breaks the odd-position pattern 12, 10, 8, 6, 4.

B. The series interleaves two patterns: odd positions 12, 10, ___, 6, 4 (falling by 2) and even positions 14, 16, 18, 20 (rising by 2); the missing odd-position term is 8.

C. 12 is the first term and would repeat it instead of continuing the falling pattern.

D. 14 is the second term and belongs to the rising even-position series, not the falling odd-position series.

Question 13 General Knowledge

The Author of "Governing the Ungovernable: Institutional Reforms for Democratic Governance" is:

- A. Ishrat Hussain ✓ **Correct answer**
- B. Khurshid Mehmud Kasuri
- C. Hussain Haqqani
- D. Shamshad Akhtar

A. Dr. Ishrat Husain, former Governor of the State Bank of Pakistan, wrote "Governing the Ungovernable: Institutional Reforms for Democratic Governance" (published 2018).

B. Khurshid Mahmud Kasuri, former foreign minister, wrote "Neither a Hawk nor a Dove", not this book.

aqqani, former ambassador, wrote "Pakistan: Between Mosque and Military", not this book.

D. Shamshad Akhtar, former finance minister, did not write this book.

Note: Note: option D prints "Shamshad Akhtar" as shown; the author's name is spelled "Ishrat Hussain" in the paper (the standard spelling is Ishrat Husain).

Question 14 Science

How much percentage of total water on the Earth is stored in oceans?

- A. 75%
- B. 70%
- C. 90%
- D. 97% ✓ **Correct answer**

A. About 75 percent is the share of the Earth's surface covered by water, not the share of water stored in oceans.

B. About 70 percent is also the share of the Earth's surface covered by oceans, not the share of water in them.

C. 90 percent is too low; the oceans hold more than that.

D. About 97 percent of all the water on Earth is stored in the oceans; only about 3 percent is fresh water.

Question 15 General Knowledge

Select the pair which has the same relationship as Restaurant to Menu:

- A. Library: Catalogue ✓ **Correct answer**
- B. Artist: Imitative
- C. Book: Encyclopedia
- D. Guest: Rude

sts what a restaurant offers, a catalogue lists what a library holds — the same "list of available items" relationship.

B. "Imitative" is an adjective describing copying, not a list of an artist's works.

C. An encyclopedia is a kind of book, not a list of a book's contents.

D. "Rude" is an adjective that may describe a guest, not a list of anything.

Question 16 English

Choose the option which correctly replaces the underlined words in the given sentence:

If he was here, he would settle this dispute among the two of us:

- A. If he had been
- B. If he were here ✓ **Correct answer**
- C. If he is here
- D. If he would be here

A. "If he had been" needs a past-perfect main clause ("he would have settled"), which does not match "he would settle".

B. In a hypothetical (second conditional) sentence the subjunctive "were" is used for all persons: "If he were here, he would settle this dispute" is correct.

C. "If he is here" is a real (first) conditional and does not match "he would settle".

D. "Would" is not used in the if-clause of a conditional sentence.

Question 17 General Knowledge

Pakistan opened its first Embassy in which country?

- A. Iraq
- B. USA
- C. Iran ✓ **Correct answer**

A. Pakistan's first embassy was not in Iraq; Iraq was the second country to recognise Pakistan but not the site of the first embassy.

B. Pakistan's embassy in Washington came later; it was not the first.

C. Iran was the first country to recognise Pakistan (22 August 1947), and Pakistan established its first diplomatic mission in Tehran, with Raja Ghazanfar Ali serving as ambassador from 1948 to 1952.

D. Pakistan's embassy in Beijing came later, after diplomatic relations were established in 1951.

Question 18 English

A person who is made to bear the misdeeds of another is called:

- A. Scapegoat ✓ **Correct answer**
- B. Culprit
- C. Victim
- D. Criminal

A. A scapegoat is a person who is blamed or punished for the faults or misdeeds of others.

B. A culprit is the person who actually committed the wrongdoing, not the one made to bear another's.

C. A victim is someone harmed by a crime or accident, not someone blamed for another's misdeeds.

D. A criminal is a person who has committed a crime, not someone punished for another's.

19 Science

WMD, stands for:

- A. Weapons of Mass Deception
- B. Weapons of Mass Destruction ✓ **Correct answer**
- C. Weapons of Mutual Disaster
- D. Weapons of Multiple Disaster

A. "Deception" is not part of the WMD expansion.

B. WMD stands for Weapons of Mass Destruction (nuclear, chemical and biological weapons).

C. "Mutual Disaster" is not part of the WMD expansion.

D. "Multiple Disaster" is not part of the WMD expansion.

Question 20 Science

Pneumonia directly affects:

- A. Circulatory System
- B. Respiratory System ✓ **Correct answer**
- C. Digestive System
- D. Excretory System

A. Pneumonia is an infection of the lungs, not of the blood or heart.

B. Pneumonia is an infection that inflames the air sacs (alveoli) in the lungs, part of the respiratory system.

C. Pneumonia does not affect the stomach or intestines.

D. Pneumonia does not affect the kidneys or urinary system.

Munda Mohmad Dam is proposed and being constructed on:

- A. Kabul River
- B. Neelum River
- C. Swat River ✓ **Correct answer**
- D. Gomal River

A. The Mohmand (Munda) Dam is not on the Kabul River; the Warsak Dam is on the Kabul River.

B. The Neelum River hosts the Neelum–Jhelum project, not the Mohmand Dam.

C. The Mohmand Dam (also called the Munda Dam) is being built on the Swat River in Mohmand District, Khyber Pakhtunkhwa.

D. The Gomal River hosts the Gomal Zam Dam, not the Mohmand Dam.

Note: Note: the print spells the dam "Munda Mohmad Dam"; it is the Mohmand Dam (Munda Dam).

Question 22 Science

Geology is to Earth, similarly Entomology is to:

- A. Reptiles
- B. Cell
- C. Tissues
- D. Mammals

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

A. Entomology is the study of insects, not of reptiles (the study of reptiles is herpetology).

B. Entomology is the study of insects, not of cells (the study of cells is cytology).

gy is the study of insects, not of tissues (the study of tissues is histology).

D. Entomology is the study of insects, not of mammals (the study of mammals is mammalogy). DEFECTIVE (decided by the assistant under the owner's 8 Nov 2026 delegation): DEFECTIVE-excluded: no correct option as printed — Entomology is the study of insects, and "insects" is not among the options (Reptiles/Cell/Tissues/Mammals); the options were confirmed from the scan and from the r4rin partial reproduction of this sitting; no answer is asserted.

Question 23 General Knowledge

Largest Muslim Country by land mass is:

- A. Afghanistan
- B. Kazakhstan ✓ **Correct answer**
- C. Saudi Arabia
- D. None of these

A. Afghanistan (652,000 sq km) is much smaller than Kazakhstan.

B. Kazakhstan, at about 2.7 million sq km, is the largest Muslim-majority country by land area in the world.

C. Saudi Arabia (about 2.15 million sq km) is the largest Arab country but smaller than Kazakhstan.

D. Kazakhstan is among the options and is the correct answer, so "None of these" is wrong.

Question 24 Science

Which of the following planet has the smallest diameter?

- A. Venus
- B. Jupiter

cury ✓ **Correct answer**

- D. Mars

A. Venus (about 12,100 km diameter) is nearly Earth's size, far larger than Mercury.

B. Jupiter (about 143,000 km) is the largest planet in the Solar System.

C. Mercury (about 4,900 km diameter) is the smallest planet in the Solar System.

D. Mars (about 6,800 km) is larger than Mercury.

Question 25 Mathematics

Isosceles Triangle is one with:

- A. Two equal sides ✓ **Correct answer**
- B. Three equal sides
- C. No equal sides
- D. None of these

A. An isosceles triangle is defined as a triangle with exactly two equal sides (and two equal base angles).

B. A triangle with three equal sides is an equilateral triangle.

C. A triangle with no equal sides is a scalene triangle.

D. "Two equal sides" is among the options and is correct, so "None of these" is wrong.

Question 26 English

Find out appropriate prepositions to fill in the blanks: No doubt, he has achieved much, but I can't give him credit ___ all that he boasts ___

- A. An – about
- B. for – about ✓ **Correct answer**
- C. for – to

ut = the

A. "An" is not a preposition and cannot follow "credit" here.

B. The idioms are "give credit for something" and "boast about something", so "credit for all that he boasts about" is correct.

C. "Boast to" is wrong; the correct idiom is "boast about".

D. "Credit about" is wrong; the correct idiom is "credit for".

Question 27 Pakistan Studies

Number of lines in National Anthem of Pakistan:

- A. 18
- B. 16
- C. 25
- D. 15 ✓ **Correct answer**

A. The Qaumi Taranah has 15 lines, not 18.

B. The anthem has 15 lines, not 16.

C. The anthem has 15 lines, not 25.

D. The National Anthem of Pakistan (Qaumi Taranah, written by Hafeez Jalandhari) consists of three stanzas of five lines each — 15 lines in total.

Question 28 English

"To face the music" means:

- A. To be greeted rudely
- B. To be offered warm hospitality
- C. To be on the front seat in a concert
- D. To bear the consequences ✓ **Correct answer**

he music" has nothing to do with a rude greeting.

B. The idiom is not about hospitality.

C. The idiom is not about sitting in a concert; "music" here is figurative.

D. "To face the music" means to accept the unpleasant consequences of one's actions.

Question 29 Science

The areas around the North and South poles within the Polar circles are called:

- A. The torrid zone
- B. The frigid zone ✓ **Correct answer**
- C. The temperature zone
- D. None of these

A. The torrid zone is the hot belt around the Equator, between the Tropics of Cancer and Capricorn.

B. The frigid zones are the cold regions around the North and South Poles, within the Arctic and Antarctic Circles.

C. The temperate zones lie between the torrid and frigid zones, not around the poles.

D. "The frigid zone" is among the options and is correct, so "None of these" is wrong.

Question 30 Science

Plaster of Paris is produced by heating:

- A. Gypsum ✓ **Correct answer**
- B. Zinc
- C. Graphite
- D. Sand

A. Plaster of Paris (calcium sulphate hemihydrate) is produced by heating gypsum.

ohate dihydrate) to about 150°C.

B. Heating zinc produces zinc oxide, not Plaster of Paris.

C. Graphite is a form of carbon; it has nothing to do with Plaster of Paris.

D. Sand is mainly silicon dioxide; heating it does not produce Plaster of Paris.

Question 31 General Knowledge

World's highest waterfall "Angel Falls" is located in:

- A. China
- B. USA
- C. Venezuela ✓ **Correct answer**
- D. France

A. China has no waterfall as high as Angel Falls; its highest falls are far shorter.

B. The USA's tallest waterfall, Yosemite Falls, is far shorter than Angel Falls.

C. Angel Falls, at 979 metres, is the world's highest waterfall, located in Canaima National Park, Venezuela.

D. France has no waterfall approaching the height of Angel Falls.

Question 32 Pakistan Studies

Tomb of Hazrat Sultan Bahu is in:

- A. Kasur
- B. Shorkot ✓ **Correct answer**
- C. Mithankot
- D. Pakpattan

A. Kasur is the resting place of Bulleh Shah, not Sultan Bahu.

e of the Sufi saint Hazrat Sultan Bahu is at Garh Maharaja, near Shorkot in Jhang District, Punjab.

C. Mithankot is associated with other shrines, not Sultan Bahu's tomb.

D. Pakpattan is the resting place of Baba Farid, not Sultan Bahu.

Question 33 General Knowledge

Jamal Khashoggi was killed inside the Saudi Consulate in the Turkish city of:

- A. Ankara
- B. Istanbul ✓ **Correct answer**
- C. Adana
- D. Izmir

A. Ankara is Turkey's capital, but the consulate in question was in Istanbul.

B. Saudi journalist Jamal Khashoggi was killed inside the Saudi Consulate in Istanbul on 2 October 2018.

C. Adana is a city in southern Turkey with no connection to the killing.

D. Izmir is a city on Turkey's Aegean coast with no connection to the killing.

Note: Note: judged by the exam date (9 December 2018); the killing took place on 2 October 2018.

Question 34 Science

Lungs of birds consist of:

- A. Alveoli
- B. Parabronchi ✓ **Correct answer**
- C. Both A and B
- D. None of these

e the tiny air sacs of mammalian lungs; birds do not have alveoli.

B. Bird lungs consist of parabronchi — narrow tubes through which air flows in one direction, giving birds their highly efficient respiration.

C. Birds have parabronchi but not alveoli, so "both" is wrong.

D. Parabronchi is among the options and is correct, so "None of these" is wrong.

Question 35 Science

Ecology is to Environment in the same way as Histology is to:

- A. Fossils
- B. History
- C. Tissues ✓ **Correct answer**
- D. Hormones

A. Fossils are the subject of palaeontology, not histology.

B. History is the study of the past, not the subject of histology.

C. Histology is the study of the microscopic structure of tissues, just as ecology is the study of organisms in their environment.

D. Hormones are the subject of endocrinology, not histology.

Question 36 English

Choose the correct Analogy of "Argument: Debate":

- A. Violence: Peace
- B. Fight: Contest ✓ **Correct answer**
- C. Challenge: Opponent
- D. Give: Take

A. Violence and peace are opposites, while an argument is a kind of debate, not its

B. An argument is a form of debate, and a fight is a form of contest — the same "specific instance of a general activity" relationship.

C. A challenge is issued to an opponent (actor relationship), not a form of contest.

D. Give and take are opposites, while argument and debate are not opposites.

Question 37 Science

Most commercial airplanes fly in the lower part of this layer:

- A. Stratosphere ✓ **Correct answer**
- B. Biosphere
- C. Lithosphere
- D. None of these

A. The intended answer: commercial jets cruise in the lower stratosphere (the stratosphere's lower part), which is the standard bank answer for this wording.

B. The biosphere is the zone of life on Earth; aircraft do not fly in a "lower part" of it.

C. The lithosphere is the Earth's rigid outer rock layer; aircraft do not fly in it.

D. The intended answer is the lower stratosphere, so "None of these" is not the keyed answer.

Note: Note: strictly, most commercial flights cruise at the troposphere/lower-stratosphere boundary (around 10–12 km), and the troposphere is not offered among the options; the question's wording "the lower part of this layer" points to the stratosphere, whose lower part is where long-haul jets cruise — the standard textbook/bank answer (decided by the assistant under the owner's 8 Nov 2026 delegation).

38 English

Choose correct meaning of the idiom/proverb: "To talk through one's hat":

- A. To speak fluently
- B. To talk nonsense ✓ **Correct answer**
- C. To talk wisdom
- D. To speak at random

A. "To talk through one's hat" does not mean speaking fluently.

B. "To talk through one's hat" means to talk nonsense, especially about something one does not understand.

C. The idiom means the opposite of talking wisely.

D. "To speak at random" is vague; the idiom specifically means talking nonsense.

Question 39 General Knowledge

Which country is called "Land of thousand lakes"?

- A. Indonesia
- B. Maldives
- C. Finland ✓ **Correct answer**
- D. Iceland

A. Indonesia is an archipelago of thousands of islands, not the "Land of a Thousand Lakes".

B. The Maldives is a low-lying island nation, not the "Land of a Thousand Lakes".

C. Finland, with about 188,000 lakes, is known as the "Land of a Thousand Lakes".

D. Iceland is known as the "Land of Fire and Ice", not the "Land of a Thousand Lakes".

40 Science

The thinnest layer of the Earth is:

- A. Crust ✓ **Correct answer**
- B. Core
- C. Outer Mantle
- D. Inner Mantle

A. The crust is the Earth's outermost and thinnest layer (about 5–70 km thick), far thinner than the mantle or core.

B. The core is the innermost layer and is about 3,500 km in radius, far thicker than the crust.

C. The outer (upper) mantle is hundreds of kilometres thick, far thicker than the crust.

D. The inner (lower) mantle is about 2,000 km thick, far thicker than the crust.

Question 41 Pakistan Studies

The Constitution of the Islamic Republic of Pakistan, 1973, was promulgated on:

- A. 23rd March, 1973
- B. 14th August, 1973 ✓ **Correct answer**
- C. 6th September, 1973
- D. None of these

A. The Constitution was passed by the National Assembly on 10 April 1973, not 23 March.

B. The Constitution of 1973 was promulgated (came into force) on 14 August 1973.

C. 6 September is Defence Day, not the date the Constitution was promulgated.

D. 14 August 1973 is among the options and is correct, so "None of these" is wrong.

42 General Knowledge

A revolutionary woman who dedicated her life to fighting for racial equality passed away recently in 2018, was:

- A. Asma Jahangir ✓ **Correct answer**
- B. Zahida Sheikh
- C. Abida Taherani
- D. Khalida Perveen

A. Asma Jahangir, Pakistan's leading human-rights lawyer, died on 11 February 2018; she is the only prominent woman rights campaigner who died in 2018 among the options.

B. Zahida Sheikh is not a nationally known figure who died in 2018.

C. Abida Taherani is not a nationally known figure who died in 2018.

D. Khalida Perveen is not a nationally known figure who died in 2018.

Note: Note: the stem's description ("fighting for racial equality") fits Winnie Mandela, who died on 2 April 2018 — but she is not among the options; among the options given, Asma Jahangir is the only 2018 death of a prominent woman campaigner, and she is the intended answer (decided by the assistant under the owner's 8 Nov 2026 delegation).

Question 43 Pakistan Studies

The Mazar of Famous Ruler of Sindh Mian Yar Muhammad Kalhoro is in:

- A. Hyderabad
- B. Sukkur
- C. Khudaabad ✓ **Correct answer**
- D. Johi

A. Hyderabad holds the tombs of the Talpur rulers, not Mian Yar Muhammad Kalhoro.

B. Sukkur is not the site of Mian Yar Muhammad Kalhoro's tomb.

(mazar) of Mian Yar Muhammad Kalhoro, founder of the Kalhora dynasty, is at Khudaabad in Dadu District, Sindh.

D. Johi is a town in Dadu District but not the site of the Kalhoro ruler's tomb.

Question 44 General Knowledge

Which Country's business plane was recently alleged by a journalist, to have landed in Islamabad?

- A. Syria
- B. Tanzania
- C. Israel ✓ **Correct answer**
- D. North Korea

A. No Syrian business plane was alleged to have landed in Islamabad in 2018.

B. No Tanzanian business plane was alleged to have landed in Islamabad in 2018.

C. In October 2018 an Israeli journalist alleged that an Israeli business jet had landed in Islamabad; the claim was widely reported and denied by Pakistan.

D. No North Korean business plane was alleged to have landed in Islamabad in 2018.

Note: Note: judged by the exam date (9 December 2018); the allegation was made in October 2018.

Question 45 Mathematics

The median of 6, 8, 10, 12, 14 and 16 is:

- A. 10
- B. 12
- C. 11 ✓ **Correct answer**
- D. None of these

hird value, not the median of six values.

B. 12 is the fourth value, not the median of six values.

C. With six values in order, the median is the average of the two middle values: (10 + 12) / 2 = 11.

D. 11 is among the options and is correct, so "None of these" is wrong.

Question 46 English

Choose the correct Analogy of "Asylum: Refuge":

- A. Foundation: Building ✓ **Correct answer**
- B. Pig: Log
- C. Stir: Fry
- D. Lull: Storm

A. An asylum provides refuge; likewise a foundation provides the base on which a building stands — the first term is the enabling basis of the second.

B. A pig and a log share no relationship at all.

C. Stir and fry are both cooking verbs; neither provides or underlies the other.

D. A lull interrupts a storm; that is the reverse of the stem's "provides" relationship, and the roles are inverted (in the stem the second word is the good thing provided; here the second word is the trouble).

Note: Note: the canonical relationship for this pair is "an asylum provides refuge or protection" (Barron's GRE, 18th Edition, Chapter 5, Analogy Questions). Among the options, Foundation : Building is the only pair with the same "first term enables/provides the second" structure; the question is loosely constructed, and this is the intended answer (decided by the assistant under the owner's 8 Nov 2026 delegation).

47 Science

Natural fertilizers are also known as:

- A. Organic fertilizers ✓ **Correct answer**
- B. Inorganic fertilizers
- C. Chemical fertilizers
- D. None of these

A. Natural fertilizers (manure, compost, green manure) are organic fertilizers, derived from plant or animal matter.

B. Inorganic fertilizers are synthetic/mineral fertilizers, the opposite of natural fertilizers.

C. Chemical fertilizers are manufactured synthetically, not natural fertilizers.

D. "Organic fertilizers" is among the options and is correct, so "None of these" is wrong.

Question 48 English

Choose the correct Passive Structure of: I shall help you in making your assignment.

- A. You will be helped in making assignment
- B. You would be helped in making assignment
- C. You shall be helped in making your assignment ✓ **Correct answer**
- D. You would to be helped in making assignment

A. The original uses "shall", so the passive keeps "shall"; also "your" is dropped from "your assignment".

B. "Would" changes the tense/mood of the original "shall".

C. The active "I shall help you" becomes the passive "You shall be helped", with "your assignment" retained — the correct passive form.

D. "Would to be helped" is ungrammatical.

49 General Knowledge

Which of the following is not a Baltic state:

- A. Estonia
- B. Lithuania
- C. Latvia
- D. Romania ✓ **Correct answer**

A. Estonia is one of the three Baltic states.

B. Lithuania is one of the three Baltic states.

C. Latvia is one of the three Baltic states.

D. Romania is a Black Sea country in south-eastern Europe, not a Baltic state.

Question 50 Science

The liquid which is liquid at room temperature is:

- A. Lead
- B. Zinc
- C. Mercury ✓ **Correct answer**
- D. Aluminum

A. Lead is a solid metal at room temperature (melting point 327°C).

B. Zinc is a solid metal at room temperature (melting point 420°C).

C. Mercury is the only metal that is liquid at room temperature (melting point −39°C).

D. Aluminum is a solid metal at room temperature (melting point 660°C).

Note: Note: the stem reads "The liquid which is liquid at room temperature is:" as printed; the intended sense is "the metal which is liquid at room temperature".

51 Pakistan Studies

Second Prime Minister of Pakistan was:

- A. Mohammad Ali Bogra
- B. Khuwaja Nazimuddin ✓ **Correct answer**
- C. Feroze Khan Noon
- D. I.I Chundrigar

A. Mohammad Ali Bogra was the third Prime Minister of Pakistan (1953–1955).

B. Khawaja Nazimuddin, who succeeded Liaquat Ali Khan, was the second Prime Minister of Pakistan (1951–1953).

C. Feroze Khan Noon was the seventh Prime Minister (1957–1958).

D. I. I. Chundrigar was the sixth Prime Minister (1957).

Note: Note: option B prints "Khuwaja Nazimuddin" as shown; the standard spelling is Khawaja Nazimuddin.

Question 52 Pakistan Studies

Gomal and Kuram rivers are in the Province of:

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

A. Neither the Gomal nor the Kuram flows mainly through Balochistan (the Gomal forms part of the border with Balochistan but its basin is in Khyber Pakhtunkhwa).

B. Neither river is in Sindh.

C. The Gomal and Kuram rivers both flow through Khyber Pakhtunkhwa (KPK); the Kuram rises in Afghanistan and flows through Kurram District, and the Gomal flows through

D. Neither river is in Punjab.

Question 53 General Knowledge

The Dayton Peace Agreement 1995 ended the conflict in:

- A. Northern Ireland and Republic of Ireland
- B. Bosnia and Herzegovina ✓ **Correct answer**
- C. Ethiopia and Eritrea
- D. Nigeria and Boko Haram

A. The Northern Ireland conflict was ended by the Good Friday Agreement of 1998, not Dayton.

B. The Dayton Agreement (negotiated in Dayton, Ohio, and signed in Paris in December 1995) ended the Bosnian War in Bosnia and Herzegovina.

C. The Ethiopia–Eritrea war was ended by the Algiers Agreement of 2000.

D. The Boko Haram insurgency in Nigeria was not ended by Dayton.

Question 54 General Knowledge

Who has been named the 2018 FIFA men's player:

- A. Lionel Messi
- B. Luka Modric ✓ **Correct answer**
- C. Cristiano Ronaldo
- D. Muhammad Saleh

A. Lionel Messi was a finalist but did not win the 2018 Best FIFA Men's Player award.

B. Croatia's Luka Modric was named the Best FIFA Men's Player of 2018, ending the ten-year Messi–Ronaldo run.

Ronaldo was a finalist but did not win the 2018 award.

D. Muhammad Saleh is not a FIFA award winner.

Note: Note: judged by the exam date (9 December 2018); the award was announced on 24 September 2018.

Question 55 Mathematics

"A" is two years older than "B" who is twice as old as "C". If the total of the ages of "A", "B" and "C" be 27, then how old is "B"?

- A. 7
- B. 8
- C. 9
- D. 10 ✓ **Correct answer**

A. If B were 7, C would be 3.5 and A 9, totalling 19.5, not 27.

B. If B were 8, C would be 4 and A 10, totalling 22, not 27.

C. If B were 9, C would be 4.5 and A 11, totalling 24.5, not 27.

D. Let C = x; then B = 2x and A = 2x + 2; total 5x + 2 = 27 gives x = 5, so B = 2 x 5 = 10.

Question 56 English

Give the near Antonym of "Mettle":

- A. Courage
- B. Nerve
- C. Pluck
- D. Cowardly ✓ **Correct answer**

A. "Courage" is a synonym of "mettle" (spirit, bravery), not its antonym.

B. "Nerve" (boldness) is a synonym of "mettle", not its antonym.

spirited courage) is a synonym of "mettle", not its antonym.

D. "Mettle" means courage and spirit; its near antonym is "cowardly" (lacking courage).

Question 57 General Knowledge

Prime Meridian and Equator intersect at which place:

- A. Gulf of Aden
- B. Gulf of Guinea ✓ **Correct answer**
- C. Ghana
- D. Gabon

A. The Gulf of Aden is at about 45°E, far from the Prime Meridian.

B. The Prime Meridian (0° longitude) and the Equator (0° latitude) intersect in the Gulf of Guinea, off the west coast of Africa (the point 0°, 0° is in the ocean there).

C. Ghana lies on the Prime Meridian but north of the Equator; the two lines do not meet on land in Ghana.

D. Gabon lies on the Equator but east of the Prime Meridian; the two lines do not meet there.

Question 58 English

Choose the correct Indirect speech of: She said, "I shall get up early in the morning".

- A. She asked that she would get up early in the morning
- B. She said that she will get up early in the morning
- C. She said that she would get up early in the morning ✓ **Correct answer**
- D. She said that she would get up early in that morning

A. "Asked" is wrong for a statement; the reporting verb for a statement is "said".

B. In indirect speech "shall" changes to "would" (past tense reporting), not "will".

"I shall get up" becomes "she would get up" in indirect speech, with the time phrase retained — the standard textbook conversion.

D. "In that morning" is unidiomatic (the phrase would be "that morning"), and the standard conversion keeps "in the morning".

Question 59 General Knowledge

The quadrilateral Security Dialogue (Quad) 2017, first established in 2007-2008 is among:

- A. China, Japan, South Korean and the United States
- B. Japan, Philippines, South Korea and Indonesia
- C. China, India, Japan and Australia
- D. Australia, India, Japan and the United States ✓ **Correct answer**

A. China is not a member of the Quad; the Quad is a grouping that excludes China.

B. The Philippines, South Korea and Indonesia are not Quad members.

C. China is not a Quad member.

D. The Quadrilateral Security Dialogue (Quad) comprises Australia, India, Japan and the United States; it was first formed in 2007–2008 and revived in 2017.

Question 60 Science

The energy value of food is measured in:

- A. Proteins
- B. Joule
- C. Vitamins
- D. Calories ✓ **Correct answer**

A. Proteins are a nutrient, not a unit for measuring food energy.

B. The joule is the SI unit of energy, but the energy value of food is conventionally stated

ilocalories).

C. Vitamins are nutrients, not a unit for measuring food energy.

D. The energy value of food is measured in Calories (kilocalories).

Question 61 Pakistan Studies

On 24th July, 2018 in solidarity with Freedom Struggle of Kashmiri Martyred Youth Leader Burhan Wani, Pakistan issued commemorative:

- A. Postal Stamp ✓ **Correct answer**
- B. Currency
- C. Prize Bond
- D. None of these

A. Pakistan Post issued a commemorative postage stamp on 24 July 2018 in honour of Burhan Wani, the Kashmiri youth leader killed in 2016.

B. No commemorative currency was issued for Burhan Wani.

C. No prize bond was issued for Burhan Wani.

D. A commemorative postal stamp was issued, so "None of these" is wrong.

Question 62 General Knowledge

Which pass connects Mardan with Malakand:

- A. Baroghil pass
- B. Gomal pass
- C. Dargai pass ✓ **Correct answer**
- D. Khunjrab pass

A. The Baroghil Pass connects Chitral with the Wakhan corridor, not Mardan with Malakand.

l Pass is in South Waziristan, not between Mardan and Malakand.

C. The Dargai (Malakand) Pass connects Mardan with Malakand in Khyber Pakhtunkhwa.

D. The Khunjerab Pass connects Pakistan with China (Gilgit-Baltistan), not Mardan with Malakand.

Question 63 General Knowledge

The D-8 is an organization of eight ___ countries:

- A. developing ✓ **Correct answer**
- B. developed
- C. Asian
- D. African

A. The D-8 (Developing-8) is an organisation of eight developing countries (Bangladesh, Egypt, Indonesia, Iran, Malaysia, Nigeria, Pakistan, Turkey).

B. The D-8 members are developing countries, not developed ones.

C. The D-8 is not only Asian; it includes Egypt and Nigeria (Africa).

D. The D-8 is not only African; most members are Asian.

Question 64 General Knowledge

Which country hosted the first ever women-only Foreign Minister's Conference:

- A. Canada ✓ **Correct answer**
- B. Australia
- C. Brazil
- D. South Africa

A. Canada hosted the first-ever meeting of women foreign ministers in Montreal in September 2018.

did not host the first women-only foreign ministers' meeting.

C. Brazil did not host the first women-only foreign ministers' meeting.

D. South Africa did not host the first women-only foreign ministers' meeting.

Note: Note: judged by the exam date (9 December 2018); the Montreal meeting was held on 21–22 September 2018.

Question 65 Mathematics

A person crosses a 600m long street in 5 minutes, what is his speed in km per hour?

- A. 3.6
- B. 7.2 ✓ **Correct answer**
- C. 8.4
- D. 10

A. 3.6 km/h would cover only 300 m in 5 minutes, half the street.

B. 600 m in 5 minutes = 120 m per minute = 120 x 60 / 1000 = 7.2 km per hour.

C. 8.4 km/h would cover 700 m in 5 minutes, more than the street.

D. 10 km/h would cover about 833 m in 5 minutes, far more than the street.

Question 66 English

Choose the near Antonym of "Brusque":

- A. Rude
- B. Brash
- C. Courteous ✓ **Correct answer**
- D. Corrupt

A. "Rude" is a synonym of "brusque" (abrupt and blunt), not its antonym.

a synonym of "brusque", not its antonym.

C. "Brusque" means abrupt and curt; its near antonym is "courteous" (polite and gracious).

D. "Corrupt" means dishonest and has nothing to do with "brusque".

Question 67 Science

Excessive bleeding is caused by the deficiency of vitamin:

- A. A
- B. B
- C. E
- D. K ✓ **Correct answer**

A. Vitamin A deficiency causes night blindness and poor immunity, not excessive bleeding.

B. B-vitamin deficiency causes anaemia and nerve problems, not excessive bleeding.

C. Vitamin E deficiency causes nerve and muscle problems; it does not cause excessive bleeding.

D. Vitamin K is needed to make blood-clotting factors; its deficiency causes excessive bleeding.

Question 68 English

Choose the word that has incorrect spelling:

- A. Threshold
- B. Desert
- C. Pronouncition ✓ **Correct answer**
- D. Principle

A. "Threshold" is spelt correctly.

B. "Desert" is spelt correctly.

cition" is misspelt, the correct spelling is "Pronunciation".

D. "Principle" is spelt correctly.

Question 69 General Knowledge

"Cold Start" refers to:

- A. An economic policy
- B. An environmental problem
- C. A nuclear reaction
- D. A military doctrine ✓ **Correct answer**

A. "Cold Start" is not an economic policy.

B. "Cold Start" is not an environmental problem.

C. "Cold Start" is not a nuclear reaction (a "cold start" of a reactor is a different, unrelated phrase).

D. "Cold Start" is the Indian Army's military doctrine for rapid, limited offensive operations against Pakistan.

Question 70 Science

Coal formation has four stages, its third stage is known as:

- A. Bituminous ✓ **Correct answer**
- B. Lignite
- C. Peat
- D. Anthracite

A. Coal forms in four stages: Peat (1st), Lignite (2nd), Bituminous (3rd), Anthracite (4th); the third stage is bituminous coal.

B. Lignite (brown coal) is the second stage.

e first stage.

D. Anthracite is the fourth and final stage.

Question 71 Pakistan Studies

___ is located at the border between Sindh and Indian State of Gujarat:

- A. Hadero Lake
- B. Shakoor Lake ✓ **Correct answer**
- C. Drigh Lake
- D. None of these

A. Hadero Lake is in Thatta District, Sindh, well away from the Gujarat border.

B. Shakoor Lake (Shakoor Dhand) lies in the Rann of Kutch area at the border between Sindh and the Indian state of Gujarat.

C. Drigh Lake is in Larkana District, Sindh, far from the Gujarat border.

D. Shakoor Lake is among the options and is correct, so "None of these" is wrong.

Question 72 Pakistan Studies

Recently Faiz International Festival was held in:

- A. Karachi
- B. Lahore ✓ **Correct answer**
- C. Islamabad
- D. Sukkur

A. The Faiz International Festival is not held in Karachi.

B. The Faiz International Festival, celebrating the poet Faiz Ahmed Faiz, is held annually in Lahore (the 2018 edition was held in November 2018).

C. The Faiz International Festival is not held in Islamabad.

nternational Festival is not held in Sukkur.

Note: Note: judged by the exam date (9 December 2018); the 4th Faiz International Festival was held in Lahore in November 2018.

Question 73 General Knowledge

Cyprus is disputed between:

- A. Italy and Turkey
- B. Greece and Italy
- C. Greece and Turkey ✓ **Correct answer**
- D. All of these

A. Italy is not a party to the Cyprus dispute.

B. Italy is not a party to the Cyprus dispute.

C. Cyprus is disputed between Greece and Turkey (Greek Cypriots and Turkish Cypriots, backed by Greece and Turkey respectively, since 1974).

D. Italy is not a party, so "All of these" is wrong.

Question 74 General Knowledge

Which country is planning to launch artificial moon by 2020?

- A. USA
- B. Russia
- C. Germany
- D. None of these ✓ **Correct answer**

A. The USA had no plan to launch an artificial moon by 2020.

B. Russia had no plan to launch an artificial moon by 2020.

C. Germany had no plan to launch an artificial moon by 2020.

ry planning an artificial moon (an illumination satellite) by 2020 was China (Chengdu), which is not among the options, so "None of these" is correct.

Question 75 Mathematics

The population of a town is increased from 175000 to 262,500 in a decade. The average percent increase of population per year is:

- A. 4.37%
- B. 5% ✓ **Correct answer**
- C. 6%
- D. 8.75%

A. The compound annual rate is about 4.14 percent, not 4.37 percent; the question asks for the simple average.

B. The total increase is 262,500 - 175,000 = 87,500, which is 50 percent of 175,000 over the decade; the simple average per year is 50 / 10 = 5 percent.

C. 6 percent per year would give a 60 percent increase over the decade, more than the actual 50 percent.

D. 8.75 percent has no basis in the figures given.

Question 76 English

Choose the near Antonym of "Vague":

- A. Blurred
- B. Immaterial
- C. Compulsory
- D. Definite ✓ **Correct answer**

A. "Blurred" is a synonym of "vague" (unclear), not its antonym.

B. "Immaterial" means irrelevant, not the opposite of "vague".

ory" means obligatory, not the opposite of "vague".

D. "Vague" means unclear and imprecise; its near antonym is "definite" (clear and precise).

Question 77 Science

The point on the earth's surface vertically above the focus of an earthquake is called:

- A. Locus
- B. Epicenter ✓ **Correct answer**
- C. Focus
- D. Flash point

A. "Locus" is a mathematical term for a set of points, not the point above an earthquake's focus.

B. The epicenter (epicentre) is the point on the Earth's surface directly above the focus (hypocenter) of an earthquake.

C. The focus (hypocenter) is the point inside the Earth where the earthquake originates, not the point on the surface above it.

D. "Flash point" is a chemistry term for the lowest temperature at which a liquid gives off ignitable vapour.

Question 78 English

Choose the word that has incorrect spelling:

- A. Celibrate ✓ **Correct answer**
- B. Dilemma
- C. Athletic
- D. Sophomore

A. "Celibrate" is misspelt; the correct spelling is "Celebrate".

" is spelt correctly.

C. "Athletic" is spelt correctly.

D. "Sophomore" is spelt correctly.

Question 79 General Knowledge

Post-Cold War International System is generally characterized as:

- A. Uni-polar ✓ **Correct answer**
- B. Bi-polar
- C. Multi-polar
- D. Non-polar

A. After the Cold War ended (1991), the international system was generally characterised as uni-polar, dominated by the single superpower, the United States.

B. Bi-polar describes the Cold War itself (USA vs USSR), not the post-Cold War system.

C. Multi-polarity is sometimes argued for the later 2010s, but the standard textbook characterisation of the post-Cold War system is uni-polar.

D. "Non-polar" is not the standard characterisation of the post-Cold War system.

Question 80 Science

Who is known as the father of Artificial Intelligence (AI):

- A. Charles Babbage
- B. William Moggridge
- C. John Mcarthy ✓ **Correct answer**
- D. Watts S. Humphery

A. Charles Babbage is known as the father of the computer, not of artificial intelligence.

B. William Moggridge is known for industrial design (the first laptop), not for AI.

arthy, who coined the term "artificial intelligence" in 1955 and organised the 1956 Dartmouth Conference, is known as the father of AI.

D. Watts Humphrey is known for software engineering (the Capability Maturity Model), not for AI.

Note: Note: option C prints "John Mcarthy" as shown; the standard spelling is John McCarthy.

Question 81 General Knowledge

Which country faces a war with Houthis in Yemen?

- A. Kuwait
- B. Iran
- C. Syria
- D. None of these ✓ **Correct answer**

A. Kuwait is not the country fighting the Houthis in Yemen.

B. Iran supports the Houthis politically but does not fight a war against them.

C. Syria is not involved in the Yemen war against the Houthis.

D. The country leading the coalition fighting the Houthis in Yemen is Saudi Arabia, which is not among the options, so "None of these" is correct.

Question 82 General Knowledge

Chhogori and Savage Mountain are other names of:

- A. Nanga Parbat
- B. Kangchenjunga
- C. K-2 ✓ **Correct answer**
- D. Mount Everest

rbat is known as the "Killer Mountain", not Chhogori or the Savage Mountain.

B. Kangchenjunga is the world's third-highest peak; it is not called Chhogori.

C. K-2, the world's second-highest peak, is called Chhogori (in Balti) and the "Savage Mountain".

D. Mount Everest is known as Sagarmatha/Chomolungma, not Chhogori.

Note: Note: option B prints "Kangchenjunga" as shown.

Question 83 General Knowledge

OIC member states from South America are:

- A. Guyana and Suriname ✓ **Correct answer**
- B. Colombia and Suriname
- C. Colombia and Cuba
- D. Cuba and Guyana

A. Guyana and Suriname are the two South American member states of the Organisation of Islamic Cooperation (OIC).

B. Colombia is not an OIC member state.

C. Neither Colombia nor Cuba is an OIC member state.

D. Cuba is not an OIC member state.

Question 84 General Knowledge

Who recently (November 2018) led IMF mission to Pakistan?

- A. Herry Rudolf
- B. Herald Finger ✓ **Correct answer**
- C. Christine Legarde
- D. None of these

ger's first name is sometimes misspelt "Herry"; the mission chief was Harald Finger, not "Herry Rudolf" as a separate person.

B. Harald Finger led the IMF staff mission to Pakistan in November 2018 (the mission chief for the Article IV consultation and bailout talks).

C. Christine Lagarde was the IMF Managing Director at the time, not the mission chief who visited Pakistan.

D. Harald Finger (printed "Herald Finger") led the mission, so "None of these" is wrong.

Note: Note: the options print "Herry Rudolf", "Herald Finger" and "Christine Legarde" as shown; the mission chief's name is Harald Finger, and the IMF Managing Director was Christine Lagarde. Judged by the exam date (9 December 2018); the mission visited Pakistan in November 2018.

Question 85 Mathematics

A candidate scores 20% and fails by 50 marks, while another candidate who scores 40% gets 30 marks more than the minimum required to pass the exam, find maximum marks for the exam:

- A. 500
- B. 450
- C. 300
- D. 400 ✓ **Correct answer**

A. If the maximum were 500, 20 percent would be 100 and 40 percent 200, a gap of 100 marks, but the gap between the two candidates' positions relative to the pass mark is 50 + 30 = 80.

B. If the maximum were 450, the 20 percent gap would be 90 marks, not 80.

C. If the maximum were 300, the 20 percent gap would be 60 marks, not 80.

aximum be M and the pass mark P: 0.2M = P - 50 and 0.4M = P + 30; subtracting gives 0.2M = 80, so M = 400.

Question 86 English

What is the synonym of "Meek":

- A. Feeble
- B. Strong
- C. Simple
- D. Submissive ✓ **Correct answer**

A. "Feeble" means weak in strength, which is close but not the synonym of "meek" (gentle and unresisting).

B. "Strong" is an antonym of "meek".

C. "Simple" means uncomplicated, not the synonym of "meek".

D. "Meek" means quiet, gentle and willing to submit; its synonym is "submissive".

Question 87 Science

Bauxite is an ore of:

- A. Steel
- B. Iron
- C. Aluminum ✓ **Correct answer**
- D. Copper

A. Steel is an alloy of iron and carbon, not an ore; bauxite is not its ore.

B. Iron's main ores are haematite and magnetite, not bauxite.

C. Bauxite (aluminium hydroxide) is the principal ore of aluminium.

D. Copper's main ores are chalcopyrite and bornite, not bauxite.

88 English

Choose the right option to correct the sentence: The boy with his parents live in the house next to ours:

- A. are living in the house
- B. have lived in the house
- C. is lived in the house
- D. lives in the house ✓ **Correct answer**

A. The subject is "the boy" (singular); "are living" is plural and wrong, and "with his parents" does not change the subject's number.

B. "Have lived" is plural and does not agree with the singular subject "the boy".

C. "Is lived" is ungrammatical (passive of an intransitive use).

D. The subject "the boy" is singular, so the verb must be singular: "The boy ... lives in the house" is correct.

Question 89 General Knowledge

Catalonia, roughly a triangular region, is in the North-East of:

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

A. Catalonia borders France to the north but is not in France.

B. Catalonia is not in Germany.

C. Catalonia is an autonomous community in the north-east of Spain, bordering France and the Mediterranean.

D. Catalonia is not in Portugal.

90 Science

Trachoma is a disease of:

- A. Eyes ✓ **Correct answer**
- B. Bones
- C. Respiratory Organs
- D. Kidneys

A. Trachoma is a bacterial eye infection (caused by Chlamydia trachomatis) that affects the conjunctiva and cornea and can cause blindness.

B. Trachoma does not affect the bones.

C. Trachoma does not affect the respiratory organs.

D. Trachoma does not affect the kidneys.

Question 91 Pakistan Studies

An adaptation of folktale Umar Marvi was broadcasted on Pakistan Television Corporation as Marvi in 1993, it was written by:

- A. Noorul Huda Shah ✓ **Correct answer**
- B. Razia Butt
- C. Fatima Surrayya Bajia
- D. Haseen Moin

A. The PTV drama serial "Marvi" (1993), an adaptation of the Umar–Marvi folktale, was written by the playwright Noorul Huda Shah.

B. Razia Butt was a novelist (e.g. "Bano"), not the writer of the 1993 "Marvi".

C. Fatima Surayya Bajia was a playwright but did not write the 1993 "Marvi".

D. Haseen Moin was a playwright (e.g. "Dhoop Kinare") but did not write the 1993 "Marvi".

92 Pakistan Studies

In accordance with 25th Constitutional Amendment, the total Senate seats will be reduced to ___ from existing 104 after the retirement of FATA Senators in 2024:

- A. 94
- B. 96 ✓ **Correct answer**
- C. 98
- D. 100

A. The 25th Amendment reduces the Senate from 104 to 96 seats, not 94.

B. Under the 25th Constitutional Amendment (2018), which merged FATA with Khyber Pakhtunkhwa, the Senate's strength falls from 104 to 96 seats once the eight FATA senators retire (in 2024).

C. 98 is two more than the figure fixed by the Amendment.

D. 100 is four more than the figure fixed by the Amendment.

Question 93 General Knowledge

All of the following are Caribbean States except:

- A. Bahamas
- B. Cuba
- C. Haiti
- D. Panama ✓ **Correct answer**

A. The Bahamas is a Caribbean island state.

B. Cuba is a Caribbean island state.

C. Haiti is a Caribbean state (on the island of Hispaniola).

D. Panama is a Central American state on the isthmus between North and South America; it is not a Caribbean state.

ICC Women's T-20 World Cricket Final 2018 was won by Australia by defeating:

- A. Pakistan
- B. India
- C. New Zealand
- D. England ✓ **Correct answer**

A. Pakistan did not reach the final of the 2018 Women's T20 World Cup.

B. India lost to England in the semi-final of the 2018 Women's T20 World Cup.

C. New Zealand did not reach the final.

D. Australia won the 2018 ICC Women's T20 World Cup final by defeating England (in Antigua, 24 November 2018).

Note: Note: judged by the exam date (9 December 2018); the final was played on 24 November 2018.

Question 95 Mathematics

Sanwal ranks 17th from the top and 15th from the bottom of list respectively, total number of students in the class are:

- A. 33
- B. 32
- C. 31 ✓ **Correct answer**
- D. 30

A. 33 would double-count Sanwal twice over; the correct total is 17 + 15 - 1.

B. 32 counts Sanwal twice (17 + 15); he must be counted once.

C. Total = rank from top + rank from bottom - 1 = 17 + 15 - 1 = 31.

ess than the correct total.

Question 96 English

What is the Synonym of "Extravagant":

- A. Frugal
- B. Lavish ✓ **Correct answer**
- C. Amaze
- D. Shun

A. "Frugal" (thrifty) is an antonym of "extravagant".

B. "Extravagant" means spending freely and lavishly; its synonym is "lavish".

C. "Amaze" means to astonish, not the synonym of "extravagant".

D. "Shun" means to avoid, not the synonym of "extravagant".

Question 97 Science

Natural gas provided in homes is:

- A. MH4
- B. CH3
- C. CH4 ✓ **Correct answer**
- D. H6CO2

A. "MH4" is not a chemical formula for natural gas.

B. "CH3" is a methyl group, not a stable gas; natural gas is not CH3.

C. Natural gas is mainly methane, whose chemical formula is CH4.

D. "H6CO2" is not the formula for natural gas.

98 English

Choose the right option to correct the sentence: Even Children in the elementary schools is assigned homework:

- A. may assigned
- B. assigned
- C. are assigned ✓ **Correct answer**
- D. are assigning

A. "May assigned" is ungrammatical ("may be assigned" would be needed).

B. "Assigned" alone leaves the sentence without a verb ("is assigned" is wrong because the subject "Children" is plural).

C. The subject "Children" is plural, so the verb must be "are assigned": "Even children in the elementary schools are assigned homework".

D. "Are assigning" would mean the children assign homework, which reverses the meaning.

Question 99 General Knowledge

The famous Dasht-i-Lut desert is located in:

- A. Iraq
- B. Egypt
- C. Iran ✓ **Correct answer**
- D. None of these

A. The Dasht-i-Lut is not in Iraq.

B. The Dasht-i-Lut is not in Egypt.

C. The Dasht-e Lut (Lut Desert) is a large salt desert in eastern Iran, a UNESCO World Heritage Site.

ong the options and is correct, so "None of these" is wrong.

Question 100 Science

Which one of the following is not an electromagnetic wave?

- A. Sound Waves ✓ **Correct answer**
- B. Infrared Waves
- C. Radio Waves
- D. X-rays

A. Sound waves are mechanical waves that need a medium (air, water, solid) to travel; they are not electromagnetic waves.

B. Infrared waves are electromagnetic waves (between visible light and microwaves).

C. Radio waves are electromagnetic waves.

D. X-rays are electromagnetic waves.

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