Assistant Director, Intelligence Bureau (IB) — 2013 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Assistant Director, Intelligence Bureau (IB) · **Year:** 2013 · **Questions:** 100 in the original paper — **94 solved and verified**, 5 excluded as defective (Q9, Q37, Q69, Q85, Q92), 1 unrecoverable (Q77) · **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 2013 sitting.

Source note: Atif Pedia reproduction ('PPSC Assistant Director In IB Solved Past Papers 2013', https://atifpedia.blogspot.com/2019/04/ppsc-assistant-director-in-ib-solved-past-paper-2013.html), parsed to 99 questions; Q77 is absent from the page (numbering jumps 76 to 78) and is recorded as a gap. Year 2013 from the page title and internal clues (Islamic year 1435; Jalil Abbas Jilani as ambassador to the US); no exact exam date found. 5 printed keys corrected on independent evidence: Q12 US ambassador (printed C Cameron Munter, filed D none of these — Richard Olson), Q13 Pakistan ambassador to the UN (printed B Abdullah Haroon, filed A Masood Khan), Q56 water freezing (printed D turns to ice, filed B increases by 1/10), Q91 alarms (printed D confirm, filed C ensure), Q93 Big Ben (printed C 1875, filed B 1859). 1 PICK-ONE: Q90 infer vs deduce (filed D infer). 5 DEFECTIVE-excluded: Q9 (incomplete stem), Q37 (2012 Pakistan Derby winner unconfirmable), Q69 (total Rs. 400 not among options), Q85 (correct profit about 9.98% not among options), Q92 (truncated stem). 1 gap: Q77 missing from source. Cross-check: the testpointpk FPSC Assistant Director IB 2013 paper is a different paper (0 exact, 0 fuzzy stems). Dedup 13 Nov 2026 vs the live library (681 papers) and 689 built files (60,238 stems): exact 8, max 2 stems vs any one built file — no duplicate.

1 Islamiat

What is the Current Islamic year?

- A. 1430
- B. 1431
- C. 1432
- D. 1435 ✓ **Correct answer**

A. 1430 AH was not the current Islamic year in late 2013.

B. 1431 AH was not the current Islamic year in late 2013.

C. 1432 AH was not the current Islamic year in late 2013.

D. Correct: the current Islamic year in late 2013 was 1435 AH (from 5 November 2013).

Question 2 Islamiat

How many Hajjs were performed by Hazrat Mohammad PBUH:

- A. 0
- B. 1 ✓ **Correct answer**
- C. 2
- D. 3

A. The Prophet (PBUH) did not perform zero Hajjs.

B. Correct: Hazrat Muhammad (PBUH) performed one Hajj (the Farewell Pilgrimage).

C. He did not perform two Hajjs.

D. He did not perform three Hajjs.

Question 3 Islamiat

Where was last revelation revealed?

ing Miraj

- B. During Eid Ul Azha
- C. During Hijatul Wida ✓ **Correct answer**
- D. During Eid Al Fitr

A. The last revelation was not revealed during Miraj.

B. It was not revealed during Eid-ul-Azha.

C. Correct: the last revelation was revealed during the Farewell Pilgrimage (Hijjatul Wida).

D. It was not revealed during Eid-ul-Fitr.

Question 4 Islamiat

What Is the shortest surah?

- A. Kausar ✓ **Correct answer**
- B. Kahf
- C. Falaq
- D. Fateha

A. Correct: Surah Al-Kausar is the shortest surah of the Holy Quran.

B. Surah Al-Kahf is a long surah, not the shortest.

C. Surah Al-Falaq is short but not the shortest.

D. Surah Al-Fateha is short but not the shortest.

Question 5 Islamiat

Which surah is the heart of Quran?

- A. Rehman
- B. Falak
- C. Bakra

eem ✓ Correct answer

A. Surah Ar-Rehman is not called the heart of the Quran.

B. Surah Al-Falaq is not called the heart of the Quran.

C. Surah Al-Baqarah is not called the heart of the Quran.

D. Correct: Surah Yaseen is called the heart of the Quran.

Question 6 Islamiat

Who was given the title of Ghaseelulmalaika?

- A. Hazrat Ali
- B. Hazrat Abu Bakr
- C. Khalid bin Waleed
- D. Hanzilla (R A) ✓ **Correct answer**

A. Hazrat Ali (RA) was not given the title Ghaseel-ul-Malaika.

B. Hazrat Abu Bakr (RA) was not given that title.

C. Hazrat Khalid bin Walid (RA) was not given that title.

D. Correct: Hazrat Hanzala (RA) was given the title Ghaseel-ul-Malaika (one washed by angels).

Question 7 Islamiat

What is the no. of total surah?

- A. 221
- B. 112
- C. 113
- D. None of these ✓ **Correct answer**

not 221 surahs in the Holy Quran.

B. There are not 112 surahs.

C. There are not 113 surahs.

D. Correct: there are 114 surahs, so 'None of these' is the answer.

Question 8 Islamiat

What is the first month of Islamic Calendar?

- A. Moharram ✓ **Correct answer**
- B. Shaban
- C. Ramzan
- D. Zilhaj

A. Correct: Muharram is the first month of the Islamic calendar.

B. Shaban is the eighth month, not the first.

C. Ramzan is the ninth month, not the first.

D. Zilhaj is the twelfth month, not the first.

Question 9 Islamiat

Hazrat Mohammad PBUH called himself

- A. Eid UIFitr
- B. Friday Prayer
- C. Eid UIFitr
- D. HijjaT ul Widah

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (the stem ('Hazrat Mohammad PBUH called himself') is incomplete and the options (Eid-ul-Fitr / Friday Prayer / Eid-ul-Fitr / Hijjatul Wida) match no recoverable

A. The stem is incomplete, so no option can be judged.

B. The stem is incomplete, so no option can be judged.

C. The stem is incomplete, so no option can be judged.

D. The stem is incomplete, so no option can be judged.

Question 10 Urdu

Meaning of “Hujjat Tamam kma”?

- A. Kam Ghalat Kama
- B. Kam Na Hona
- C. TaqreerKama
- D. Daleel Baqi Na Choma ✓ **Correct answer**

A. The phrase does not mean 'kam ghalat karna'.

B. The phrase does not mean 'kam na hona'.

C. The phrase does not mean 'taqreer karna'.

D. Correct: 'Hujjat tamam karna' means to complete the proof, leaving no argument remaining.

Note: Note: The stem is garbled Roman Urdu; 'Hujjat tamam' means completion of proof, and option D ('daleel baqi na chorna' — leaving no argument remaining) is the filed answer.

Question 11 General Knowledge

What was Arfa Karims age at the time of death?

- A. 15

✓ Correct answer

- C. 17
- D. 18

A. Arfa Karim was not 15 at her death.

B. Correct: Arfa Karim died aged 16 (14 January 2012).

C. She was not 17 at her death.

D. She was not 18 at her death.

Question 12 Current Affairs

Who is US ambassador to Pakistan?

- A. Abdullah Haroon
- B. Maleeha Lodhi
- C. Cameron Mentor
- D. none of these ✓ **Correct answer**

A. Abdullah Haroon was Pakistan's ambassador to the UN, not the US ambassador to Pakistan.

B. Maleeha Lodhi was not the US ambassador to Pakistan in 2013.

C. Cameron Munter was the US ambassador to Pakistan until July 2012, not in late 2013.

D. Correct: in late 2013 the US ambassador to Pakistan was Richard Olson (October 2012 - October 2015), so 'none of these'.

Note: Note: Printed key C (Cameron Munter) corrected to D: Munter left in July 2012; Richard Olson was ambassador from October 2012.

13 Current Affairs

Who is Pakistan ambassador to United Nations?

- A. Masood Khan ✓ **Correct answer**
- B. Abdullah Haroon
- C. Cameron Mentor
- D. Hussain Haqani

A. Correct: Masood Khan was Pakistan's ambassador to the United Nations in 2013 (October 2012 - 2015).

B. Abdullah Haroon was ambassador to the UN 2008-2010, not in 2013.

C. Cameron Munter was a US ambassador, not Pakistan's UN ambassador.

D. Hussain Haqqani was ambassador to the US, not to the UN.

Note: Note: Printed key B (Abdullah Haroon) corrected to A: Haroon served 2008-2010; Masood Khan held the post in 2013.

Question 14 Pakistan Studies

Where does business train go to and from?

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

A. The Business Train did not run Karachi-Islamabad.

B. It did not run Lahore-Islamabad.

C. It did not run Rawalpindi-Lahore.

D. Correct: the Business Train ran between Lahore and Karachi.

15 General Knowledge

What is the name of Oscar winning documentary of Shirmeen Obaid?

- A. 12 Years a Slave
- B. Saving Face ✓ **Correct answer**
- C. Gravity
- D. All of these

A. 12 Years a Slave is not Sharmeen Obaid-Chinoy's documentary.

B. Correct: Saving Face is Sharmeen Obaid-Chinoy's Oscar-winning documentary.

C. Gravity is not her documentary.

D. Only Saving Face is hers, so 'All of these' is wrong.

Question 16 Current Affairs

What drug was reported to be the cause of death in the Punjab institute of cardiology?

- A. Insulin
- B. Penicillin
- C. Antibiotic
- D. Isotab ✓ **Correct answer**

A. Insulin was not the drug in the PIC medicine scam.

B. Penicillin was not the drug in the PIC scam.

C. A general antibiotic was not the named drug.

D. Correct: Isotab was the killer medicine in the Punjab Institute of Cardiology scam.

Question 17 General Knowledge

What is the cost of stamp of Arfa Karim released on her birthday?

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

A. The Arfa Karim memorial stamp was not Rs. 7.

B. Correct: the Arfa Karim memorial stamp cost Rs. 8, issued on her birthday (2 February 2012).

C. It was not Rs. 9.

D. It was not Rs. 10.

Note: Note: The Rs. 8 Arfa Karim memorial stamp was issued on her birthday, 2 February 2012.

Question 18 Current Affairs

Who is Pakistan ambassador to US?

- A. Hussain Haqani
- B. Jalil Abbasjilani ✓ **Correct answer**
- C. MH Isphahani
- D. Hina Rabbani

A. Hussain Haqqani was ambassador to the US until November 2011, not in late 2013.

B. Correct: Jalil Abbas Jilani was Pakistan's ambassador to the US in late 2013.

C. M. H. Isphahani was an earlier ambassador, not in 2013.

D. Hina Rabbani Khar was Foreign Minister, not ambassador to the US.

19 Pakistan Studies

Who is the first female foreign affairs minister of Pakistan?

- A. Maryam Nawaz
- B. Sherry Rehman
- C. Marvi Memon
- D. Hina Rabbani ✓ **Correct answer**

A. Maryam Nawaz was not a foreign minister.

B. Sherry Rehman was ambassador to the US, not foreign minister.

C. Marvi Memon was not foreign minister.

D. Correct: Hina Rabbani Khar was Pakistan's first female Foreign Minister.

Question 20 Pakistan Studies

What is the cause of Mehran Bank scandal?

- A. Foreign Transactions
- B. Illegal Trade
- C. Illegal Purchase
- D. Illegal Fund To Politicians ✓ **Correct answer**

A. Foreign transactions were not the cause of the Mehran Bank scandal.

B. Illegal trade was not the cause.

C. Illegal purchase was not the cause.

D. Correct: the Mehran Bank scandal involved illegal funds given to politicians.

Question 21 General Knowledge

Which English cricketer was jailed for spot fixing?

- B. Mervyn Westfield ✓ **Correct answer**
- C. Shahid Afridi
- D. WaseemAkram

A. Tendulkar was not jailed for spot-fixing.

B. Correct: Mervyn Westfield, an English cricketer, was jailed for spot-fixing.

C. Shahid Afridi was not jailed for spot-fixing.

D. Wasim Akram was not jailed for spot-fixing.

Question 22 General Knowledge

Where were academy awards,2012 held?

- A. Sydney
- B. Los Angeles ✓ **Correct answer**
- C. Malibu
- D. Turkey

A. The 2012 Academy Awards were not held in Sydney.

B. Correct: the 2012 Academy Awards were held in Los Angeles (Hollywood).

C. They were not held in Malibu.

D. They were not held in Turkey.

Question 23 Current Affairs

Christain Wulff who resigned as head of state belonged to which country?

- A. Los Angeles
- B. Sydney
- C. Germany ✓ **Correct answer**

A. Christian Wulff was not from Los Angeles.

B. He was not from Sydney.

C. Correct: Christian Wulff, who resigned as head of state in 2012, was President of Germany.

D. He was not from Turkey.

Question 24 Current Affairs

Who is the secretary of state of US?

- A. John Kerry ✓ **Correct answer**
- B. Hillary
- C. Bill Gate
- D. Bill Clinton

A. Correct: John Kerry became US Secretary of State in February 2013.

B. Hillary Clinton was the previous Secretary of State, not the then-current one.

C. Bill Gates is not a Secretary of State.

D. Bill Clinton was President, not Secretary of State in 2013.

Question 25 Pakistan Studies

What is the total number of amendments in 1973 constitution?

- A. 10
- B. 24
- C. 16
- D. 20 ✓ **Correct answer**

e not 10 amendments to the 1973 Constitution by 2013.

B. There were not 24 amendments by 2013.

C. There were not 16 amendments by 2013.

D. Correct: there were 20 amendments to the 1973 Constitution by 2013.

Question 26 General Knowledge

Where are Olympic 2012 were held?

- A. New York
- B. London ✓ **Correct answer**
- C. Madrid
- D. Seoul

A. The 2012 Olympics were not in New York.

B. Correct: the 2012 Olympics were held in London.

C. They were not in Madrid.

D. They were not in Seoul.

Question 27 General Knowledge

Pakistan beat England in test series in what ratio?

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

A. Pakistan did not beat England 8-0 in the 2012 Test series.

B. Pakistan did not beat England 7-0.

akistan beat England 3-0 in the 2012 Test series in the UAE.

D. Pakistan did not beat England 5-0.

Question 28 General Knowledge

Who is the secretary general of United Nations?

- A. Ban ki Moon ✓ **Correct answer**
- B. Kofi Anan
- C. Sir Zafrullah
- D. John Kerry

A. Correct: Ban Ki-moon was UN Secretary-General in 2013.

B. Kofi Annan was the previous Secretary-General, not in 2013.

C. Sir Zafrullah Khan was a former foreign minister, not UN Secretary-General in 2013.

D. John Kerry was US Secretary of State, not UN Secretary-General.

Question 29 Current Affairs

WHO recently declared which country as polio free?

- A. Sydney
- B. Pakistan
- C. Malibu
- D. India ✓ **Correct answer**

A. Sydney is a city, not a country declared polio-free.

B. Pakistan was not declared polio-free.

C. Malibu is a city, not a country declared polio-free.

D. Correct: India was declared polio-free (in practice by 2013; formal WHO certification

March 2014).

Note: Note: India was polio-free in practice by 2013; the WHO's formal South-East Asia regional certification came in March 2014.

Question 30 Pakistan Studies

Which is the largest seaport of Pakistan

- A. Port of Larkana
- B. Port of Karachi ✓ **Correct answer**
- C. PortofMirani
- D. PortofQasim

A. There is no Port of Larkana.

B. Correct: the Port of Karachi is the largest seaport of Pakistan.

C. There is no Port of Mirani.

D. Port Qasim is smaller than the Port of Karachi.

Question 31 General Knowledge

Where is Arfa Karim Software Park located?

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

A. The Arfa Karim Software Park is not in Hyderabad.

B. It is not in Karachi.

C. Correct: the Arfa Karim Software Technology Park is in Lahore.

Islamabad.

Question 32 Pakistan Studies

Where is Benazir Shaheed international airport?

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

A. Correct: Benazir Bhutto Shaheed International Airport is in Islamabad.

B. It is not in Karachi.

C. It is not in Lahore.

D. It is not in Hyderabad.

Question 33 General Knowledge

Who is the current cricket chief selector of Pakistan?

- A. Shahid Afridi
- B. Nayyer Bukhari
- C. All of these
- D. Iqbal Qasim ✓ **Correct answer**

A. Shahid Afridi was not chief selector in 2012.

B. Nayyer Bukhari was Senate Chairman, not chief selector.

C. 'All of these' is wrong — only one was chief selector.

D. Correct: Iqbal Qasim was Pakistan's chief selector in 2012.

34 Pakistan Studies

On which river has Mangla dam been built?

- A. Chenab
- B. Jhelum ✓ **Correct answer**
- C. Ravi
- D. All of these

A. Mangla Dam is not on the Chenab.

B. Correct: Mangla Dam is built on the River Jhelum.

C. It is not on the Ravi.

D. It is on one river only, so 'All of these' is wrong.

Question 35 General Knowledge

Who advocated the theory of laissez faire?

- A. Marshall
- B. Malthus
- C. Adam Smith ✓ **Correct answer**
- D. None of these

A. Marshall did not advocate laissez-faire.

B. Malthus is known for population theory, not laissez-faire.

C. Correct: Adam Smith advocated the theory of laissez-faire.

D. Laissez-faire is associated with Adam Smith, so 'None of these' is wrong.

Question 36 Pakistan Studies

Where is Siachin glacier?

istan ✓ Correct answer

- B. Hyderabad
- C. Gilgit
- D. None of these

A. Correct: the Siachen Glacier is in Baltistan.

B. It is not in Hyderabad.

C. It is not in Gilgit town as such (it is in Baltistan).

D. Baltistan is the location, so 'None of these' is wrong.

Question 37 General Knowledge

Pakistan derby horse race, 2012 was won by which horse?

- A. Tiger
- B. Black Ship
- C. Arab
- D. Assassin

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (the 2012 Pakistan Derby winner could not be confirmed from any source (two searches found no record of the winner); the printed key D (Assassin) is unverified, so no answer is taught.)

A. No source confirms Tiger as the 2012 Pakistan Derby winner.

B. No source confirms Black Ship as the 2012 Pakistan Derby winner.

C. No source confirms Arab as the 2012 Pakistan Derby winner.

D. No source confirms Assassin as the 2012 Pakistan Derby winner.

38 Current Affairs

Who is the current chairman of senate?

- A. Muhammad Somoroo
- B. Mamnoon Hussain
- C. Bilal Yasin
- D. Nayyer Bukhari ✓ **Correct answer**

A. Muhammad Sadiq Sanjrani was a later chairman, not in 2012.

B. Mamnoon Hussain became President, not Senate Chairman in 2012.

C. Bilal Yasin was a provincial minister, not Senate Chairman.

D. Correct: Nayyer Bukhari was Chairman of the Senate in 2012.

Question 39 Everyday Science

What does light year measure?

- A. Distance Btw Stars ✓ **Correct answer**
- B. Speed
- C. Water Flow
- D. Viscocity

A. Correct: a light year measures distance (the distance light travels in a year).

B. A light year does not measure speed.

C. It does not measure water flow.

D. It does not measure viscosity.

Question 40 Everyday Science

Which is the hardest substance on earth?

- B. Silicon
- C. Hydrogen
- D. Diamond ✓ **Correct answer**

A. Gold is not the hardest substance.

B. Silicon is not the hardest substance.

C. Hydrogen is not the hardest substance.

D. Correct: diamond is the hardest naturally occurring substance on earth.

Question 41 Everyday Science

What happens to temperature of boiling water on a higher elevation?

- A. Increases
- B. Decreases ✓ **Correct answer**
- C. Stays the same
- D. May or may not change

A. The boiling point does not increase at higher elevation.

B. Correct: at higher elevation the air pressure is lower, so water boils at a lower temperature.

C. The boiling temperature does not stay the same.

D. It decreases with elevation, so 'may or may not change' is wrong.

Question 42 Everyday Science

Which disease is caused by dogs?

- A. Rickets
- B. Scurvy

ies ✓ Correct answer

- D. None of these

A. Rickets is caused by vitamin D deficiency, not dogs.

B. Scurvy is caused by vitamin C deficiency, not dogs.

C. Correct: rabies is caused by dog bites.

D. Rabies is the dog-caused disease, so 'None of these' is wrong.

Question 43 Everyday Science

What is the temperature of human body in Fahrenheit?

- A. 97
- B. 99
- C. 96
- D. None of these ✓ **Correct answer**

A. 97 F is not normal body temperature.

B. 99 F is above normal body temperature.

C. 96 F is below normal body temperature.

D. Correct: normal body temperature is 98.6 F, which is none of 97, 99 or 96.

Question 44 Everyday Science

Swimming pool water is disinfected by which chemical?

- A. Nitric Acid
- B. Urea
- C. Acetic acid
- D. Chlorine ✓ **Correct answer**

is not used to disinfect swimming pools.

B. Urea is not used to disinfect swimming pools.

C. Acetic acid is not used to disinfect swimming pools.

D. Correct: chlorine is used to disinfect swimming pool water.

Question 45 Everyday Science

Blindness is caused by deficiency of which vitamin?

- A. Vit. B
- B. Vit. C
- C. Vit. A ✓ **Correct answer**
- D. Vit. D

A. Vitamin B deficiency does not cause blindness.

B. Vitamin C deficiency causes scurvy, not blindness.

C. Correct: blindness (night blindness) is caused by vitamin A deficiency.

D. Vitamin D deficiency causes rickets, not blindness.

Question 46 Everyday Science

Vitamin C is richest in which fruit?

- A. Guava ✓ **Correct answer**
- B. Mango
- C. Apple
- D. Pineapple

A. Correct: guava is the richest fruit in vitamin C among the options.

B. Mango has less vitamin C than guava.

much less vitamin C than guava.

D. Pineapple has less vitamin C than guava.

Question 47 Everyday Science

Soda water is carbonated by adding what

- A. H2o
- B. H2
- C. O2
- D. Co2 ✓ **Correct answer**

A. Water (H2O) alone does not carbonate soda water.

B. Hydrogen (H2) does not carbonate soda water.

C. Oxygen (O2) does not carbonate soda water.

D. Correct: soda water is carbonated by adding carbon dioxide (CO2).

Question 48 Everyday Science

One mile has how many kilometres

- A. 4.60934
- B. 3.60934
- C. 2.60934
- D. 1.60934 ✓ **Correct answer**

A. 4.60934 km is not one mile.

B. 3.60934 km is not one mile.

C. 2.60934 km is not one mile.

D. Correct: one mile is 1.60934 kilometres.

49 Everyday Science

What is the unit of energy?

- A. Newton
- B. Joule ✓ **Correct answer**
- C. Kg
- D. None

A. Newton is the unit of force, not energy.

B. Correct: the joule is the unit of energy.

C. Kg is the unit of mass, not energy.

D. The joule is the unit, so 'None' is wrong.

Question 50 Everyday Science

What is the filament of electric bulb made of?

- A. Silicon
- B. Graphite
- C. Tungsten ✓ **Correct answer**
- D. Carbon

A. Silicon is not used for bulb filaments.

B. Graphite is not used for bulb filaments.

C. Correct: the filament of an electric bulb is made of tungsten.

D. Carbon is not used for bulb filaments.

Question 51 Everyday Science

What is added in lead pencils?

phite ✓ Correct answer

- B. Silicon
- C. Tungsten
- D. Mercury

A. Correct: lead pencils contain graphite (not lead).

B. Silicon is not added in lead pencils.

C. Tungsten is not added in lead pencils.

D. Mercury is not added in lead pencils.

Question 52 Everyday Science

How does sunlight enter the rooms?

- A. Vertically
- B. By Refraction
- C. Horizontally
- D. By Irregular Reflection ✓ **Correct answer**

A. Sunlight does not enter rooms vertically as a rule.

B. Refraction alone is not how sunlight enters rooms.

C. Sunlight does not enter rooms horizontally as a rule.

D. Correct: sunlight enters rooms by irregular (diffuse) reflection off surfaces.

Question 53 Everyday Science

How many colors are visible in the sunlight spectrum?

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

A. There are more than 5 colours in the sunlight spectrum.

B. There are more than 6 colours.

C. Correct: 7 colours are visible in the sunlight spectrum (VIBGYOR).

D. There are not 8 colours.

Question 54 Everyday Science

Which substance is liquid at room temperature?

- A. Graphite
- B. Mercury ✓ **Correct answer**
- C. Silicon
- D. Tungsten

A. Graphite is solid at room temperature.

B. Correct: mercury is liquid at room temperature.

C. Silicon is solid at room temperature.

D. Tungsten is solid at room temperature.

Question 55 Everyday Science

Which of these is negatively charged?

- A. Neutrino
- B. Neutrons
- C. Protons
- D. Electrons ✓ **Correct answer**

A. A neutrino is electrically neutral, not negatively charged.

are electrically neutral, not negatively charged.

C. Protons are positively charged, not negatively charged.

D. Correct: electrons are negatively charged.

Question 56 Everyday Science

What happens to volume of water when it freezes

- A. Decreases
- B. Increases By 1/10 ✓ **Correct answer**
- C. Flows Rapidly
- D. Turns To ICE

A. The volume of water does not decrease when it freezes.

B. Correct: water expands by about one-tenth (roughly 9%) when it freezes.

C. Water does not flow rapidly on freezing.

D. Water does turn to ice, but the question asks what happens to its volume — it increases.

Note: Note: Printed key D (turns to ice) corrected to B: water expands by about 1/10 on freezing.

Question 57 Current Affairs

Which party has the highest no. of seats in senate after 2012 election?

- A. PMLN
- B. PPP ✓ **Correct answer**
- C. MQM
- D. JUI

A. PML-N did not have the most Senate seats after the 2012 election.

The PPP had the highest number of seats in the Senate after the 2012 election.

C. The MQM had fewer seats than the PPP.

D. The JUI had fewer seats than the PPP.

Question 58 General Knowledge

Amir Khan is?

- A. British National ✓ **Correct answer**
- B. Pakistani
- C. Indian
- D. Punjabi

A. Correct: Amir Khan (the boxer) is a British national.

B. He is not a Pakistani national (he is British of Pakistani origin).

C. He is not an Indian national.

D. 'Punjabi' is an ethnicity, not a nationality.

Question 59 Mathematics

cubic millimeters constitute 1 cubic centimeter?

- A. 1000 ✓ **Correct answer**
- B. 2000
- C. 3000
- D. 4000

A. Correct: 1 cubic centimetre is 1,000 cubic millimetres (10 x 10 x 10).

B. 2,000 cubic millimetres is not 1 cubic centimetre.

C. 3,000 is not 1 cubic centimetre.

ot 1 cubic centimetre.

Question 60 Mathematics

In the exam 45% students failed and 550 students were successful. The total number of students who appeared in the exam were:

- A. 1000 ✓ **Correct answer**
- B. 900
- C. 1500
- D. 800

A. Correct: 55% passed (550 students), so 550 / 0.55 = 1,000 students appeared.

B. 900 students would give 495 successful, not 550.

C. 1,500 students would give 825 successful, not 550.

D. 800 students would give 440 successful, not 550.

Question 61 Mathematics

A group of students volunteered to finish a construction work in 25 days. 1Q of the students did not come and the work could be finished in 35 days. The Original number of students in the group were

- A. 25.00
- B. 32.00
- C. 35.00 ✓ **Correct answer**
- D. 37.00

A. 25 students would not take 35 days if 10 were absent (25/35 of the work rate).

B. 32 students does not fit the work-rate equation.

C. Correct: if 10 students (one-tenth) are absent, the remaining students take 35 days, so

group was 35.

D. 37 students does not fit the work-rate equation.

Note: Note: The stem prints '1Q' for one-tenth: 10 students absent means the original group was 35.

Question 62 Mathematics

A man bought a flat for Rs. 8,20,000. He borrowed 55% of this money from a bank. How much money did he borrow from the bank?

- A. Rs. 4,51,000 ✓ **Correct answer**
- B. Rs. 4,52,000
- C. Rs. 4,53,000.
- D. Rs. 4,54,000

A. Correct: 55% of Rs. 820,000 is Rs. 451,000.

B. Rs. 452,000 is not 55% of Rs. 820,000.

C. Rs. 453,000 is not 55% of Rs. 820,000.

D. Rs. 454,000 is not 55% of Rs. 820,000.

Question 63 Mathematics

A student gets 68 marks and therefore gets 85% total marks are?

- A. 60
- B. 70
- C. 80 ✓ **Correct answer**
- D. 90

A. 68 marks at 85% means the total is 80, not 60.

B. The total is not 70.

3 / 0.85 = 80 total marks.

D. The total is not 90.

Question 64 English

Diamond is a

- A. material Noun ✓ **Correct answer**
- B. verb
- C. adjective
- D. preposition

A. Correct: 'diamond' is a material noun (the name of a substance).

B. Diamond is not a verb.

C. Diamond is not an adjective.

D. Diamond is not a preposition.

Question 65 Mathematics

An article is bought for Rs 600 and sold for Rs 750. What is the profit percentage?

- A. 20%
- B. 25% ✓ **Correct answer**
- C. 30%
- D. None of these

A. Profit of Rs. 150 on Rs. 600 is 25%, not 20%.

B. Correct: (750 - 600) / 600 = 25% profit.

C. 30% would be a profit of Rs. 180, not Rs. 150.

D. 25% is among the options, so 'None of these' is wrong.

66 Mathematics

Find the average age of a family of five members, whose ages are 42, 49, 56, 63 and 35 years respectively.

- A. 50 years
- B. 49 years ✓ **Correct answer**
- C. 45 years
- D. 48 years

A. The ages sum to 245, so the average is 49, not 50.

B. Correct: (42 + 49 + 56 + 63 + 35) / 5 = 245 / 5 = 49 years.

C. The average is not 45 years.

D. The average is not 48 years.

Question 67 Mathematics

Smallest natural number:

- A. 0
- B. 1 ✓ **Correct answer**
- C. 2
- D. 3

A. 0 is not a natural number in the conventional counting sense used here.

B. Correct: 1 is the smallest natural number.

C. 2 is not the smallest natural number.

D. 3 is not the smallest natural number.

68 Mathematics

Smallest prime number:

- A. 1
- B. 2 ✓ **Correct answer**
- C. 3
- D. 4

A. 1 is not a prime number.

B. Correct: 2 is the smallest prime number.

C. 3 is prime but not the smallest.

D. 4 is not prime.

Question 69 Mathematics

30% of total amount is left after spending 280 rupees, total amount is:

- A. 1000
- B. 2000
- C. 3000
- D. 4000

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (70% of the total is Rs. 280, so the total is Rs. 400, which is not among the options (Q81 is the same question with 400 as option B).)

A. If 30% is left after spending Rs. 280, the total is Rs. 400, not Rs. 1,000.

B. If 30% is left after spending Rs. 280, the total is Rs. 400, not Rs. 2,000.

C. If 30% is left after spending Rs. 280, the total is Rs. 400, not Rs. 3,000.

D. If 30% is left after spending Rs. 280, the total is Rs. 400, not Rs. 4,000.

70 Mathematics

Perimeter of a square is 20cm length of one side shall be?

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

A. A square of perimeter 20 cm has sides of 5 cm, not 4 cm.

B. Correct: 20 / 4 = 5 cm per side.

C. 6 cm would give a perimeter of 24 cm, not 20 cm.

D. 7 cm would give a perimeter of 28 cm, not 20 cm.

Question 71 English

In absence of facts we can?

- A. observe
- B. know
- C. Infer ✓ **Correct answer**
- D. defer

A. In the absence of facts one cannot observe the truth.

B. In the absence of facts one cannot know the truth.

C. Correct: in the absence of facts one can only infer.

D. Defer means to postpone, not to reason without facts.

Question 72 Mathematics

10°

- B. 3
- C. 2
- D. 1 ✓ **Correct answer**

A. 10 to the power 0 is not 4.

B. 10 to the power 0 is not 3.

C. 10 to the power 0 is not 2.

D. Correct: any number to the power 0 is 1, so 10 to the power 0 is 1.

Question 73 Mathematics

2,6,18,54,

- A. 156
- B. 158
- C. 160
- D. 162 ✓ **Correct answer**

A. The series multiplies by 3 each time, so the next term is not 156.

B. The next term is not 158.

C. The next term is not 160.

D. Correct: 2, 6, 18, 54, then 54 x 3 = 162.

Question 74 Mathematics

A man has 180 pens and 9 of them are blue, how much in % has he blue pens?

- A. 6
- B. 3
- C. 8

ne of these ✓ **Correct answer**

A. 9 out of 180 is 5%, not 6%.

B. 9 out of 180 is 5%, not 3%.

C. 9 out of 180 is 5%, not 8%.

D. Correct: 9/180 = 5%, which is none of 6, 3 or 8.

Question 75 Mathematics

The number, whose 7% is 42, is

- A. 300
- B. 400
- C. 500
- D. 600 ✓ **Correct answer**

A. 7% of 300 is 21, not 42.

B. 7% of 400 is 28, not 42.

C. 7% of 500 is 35, not 42.

D. Correct: 7% of 600 is 42.

Question 76 Mathematics

A man bought something of 120 rupees and he has 25% discount. What is actual price he paid?

- A. 95
- B. 100
- C. 105
- D. none of these ✓ **Correct answer**

ss 25% is Rs. 90, not Rs. 95.

B. Rs. 100 is not Rs. 120 less 25%.

C. Rs. 105 is not Rs. 120 less 25%.

D. Correct: 25% of 120 is 30, so he paid Rs. 90 — none of the listed prices.

Question 77

No answer is given for this question, and none is taught. Q77 is missing from the Atif Pedia reproduction; the page numbering jumps 76 to 78. NOT reconstructed.

Question 78 Mathematics

Smallest Natural Number?

- A. 4
- B. 3
- C. 2
- D. 1 ✓ **Correct answer**

A. 4 is not the smallest natural number.

B. 3 is not the smallest natural number.

C. 2 is not the smallest natural number.

D. Correct: 1 is the smallest natural number.

Question 79 Mathematics

A man pays 10% of his income as income tax. If his income tax amounts to Rs.1500, what is his income?

- A. Rs. 13000
- B. Rs.15000 ✓ **Correct answer**

17000

- D. Rs.19000

A. 10% of Rs. 13,000 is Rs. 1,300, not Rs. 1,500.

B. Correct: Rs. 1,500 is 10% of Rs. 15,000 income.

C. 10% of Rs. 17,000 is Rs. 1,700, not Rs. 1,500.

D. 10% of Rs. 19,000 is Rs. 1,900, not Rs. 1,500.

Question 80 Mathematics

Five years ago, age of father was thrice the age of son. If son is 30 years old now, what is the current age of father?

- A. 65
- B. 70
- C. 75
- D. 80 ✓ **Correct answer**

A. Five years ago the son was 25 and the father 75, so the father is 80 now, not 65.

B. The father is not 70 now.

C. The father is not 75 now.

D. Correct: five years ago the father was 3 x 25 = 75, so now he is 80.

Question 81 Mathematics

30% amount of total is left after spending 280 rupees. What was the amount before spending?

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

A. 70% of 300 is 210, not 280.

B. Correct: 70% of the total is Rs. 280, so the total is 280 / 0.7 = Rs. 400.

C. 70% of 500 is 350, not 280.

D. 70% of 600 is 420, not 280.

Question 82 Mathematics

Mean of 10, 30, Y, and 50 is 50.Y is?

- A. 90
- B. 95
- C. 100
- D. 110 ✓ **Correct answer**

A. Mean 50 of four numbers needs a sum of 200; 10 + 30 + 90 + 50 = 180, not 200.

B. 10 + 30 + 95 + 50 = 185, not 200.

C. 10 + 30 + 100 + 50 = 190, not 200.

D. Correct: 10 + 30 + 110 + 50 = 200, so the mean is 50.

Question 83 Mathematics

Boy can type 1350 words in 30 minutes, hoy, many he could type in 5 minutes?

- A. 225 ✓ **Correct answer**
- B. 235
- C. 50
- D. 60

A. Correct: 1,350 words in 30 minutes is 45 words a minute, so 225 words in 5 minutes.

s in 5 minutes would be 47 words a minute, not 45.

C. 50 words in 5 minutes would be 10 words a minute.

D. 60 words in 5 minutes would be 12 words a minute.

Question 84 Mathematics

Twelve men take 6 hours to finish a piece of work. After the 12 men have worked for 1 I hour, the contractor decides 1 to call in 8 more men. How many more houn would 20 men take to complete the remaining work? ^

- A. 2
- B. 3 ✓ **Correct answer**
- C. 4
- D. 5

A. 12 men x 6 hours = 72 man-hours; after 1 hour 60 remain, so 20 men take 3 hours, not 2.

B. Correct: 60 man-hours remain and 20 men take 60 / 20 = 3 more hours.

C. 4 hours would need 80 man-hours, not 60.

D. 5 hours would need 100 man-hours, not 60.

Question 85 Mathematics

If a car is sold for Rs.,50000 the profit is 17 pe cent, what would be profit percentage if so: for Rs. 47000.

- A. 14.85%
- B. 15.98%
- C. 16.20%
- D. 14.50%

s given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (cost price is 50,000 / 1.17 = Rs. 42,735, so selling at Rs. 47,000 gives a profit of about 9.98%, which is not among the options.)

A. The correct profit percentage is about 9.98%, not 14.85%.

B. The correct profit percentage is about 9.98%, not 15.98%.

C. The correct profit percentage is about 9.98%, not 16.20%.

D. The correct profit percentage is about 9.98%, not 14.50%.

Question 86 Mathematics

The number, whose 17% is 51, is

- A. 200
- B. 100
- C. 300 ✓ **Correct answer**
- D. 210

A. 17% of 200 is 34, not 51.

B. 17% of 100 is 17, not 51.

C. Correct: 17% of 300 is 51.

D. 17% of 210 is 35.7, not 51.

Question 87 Mathematics

A primary school had an enrolment of 850 pupils in January 1970. In January 1980 fly enrolment was 1,120; What was th; percentage increase for the enrolment?

- A. 31.76% ✓ **Correct answer**
- B. 33.50%
- C. 30,65%

A. Correct: (1,120 - 850) / 850 = 270 / 850 = 31.76% increase.

B. 33.50% is not 270 / 850.

C. 30.65% is not 270 / 850.

D. 34.76% is not 270 / 850.

Question 88 Mathematics

Which is the greatest number?

- A. 1/4 of 236
- B. 1/16 of 1028
- C. 1/9 of 504
- D. 1/3 of 741 ✓ **Correct answer**

A. 1/4 of 236 is 59, less than 1/3 of 741.

B. 1/16 of 1,028 is 64.25, less than 1/3 of 741.

C. 1/9 of 504 is 56, less than 1/3 of 741.

D. Correct: 1/3 of 741 is 247, the greatest of the four.

Question 89 English

Shrimps are available in the market they are good source of earning foreign exchange

- A. because ✓ **Correct answer**
- B. so
- C. while
- D. when

A. Correct: 'because' is the conjunction that fits — shrimps earn foreign exchange because

ood source of it.

B. 'So' does not fit the sentence's logic.

C. 'While' does not fit the sentence's logic.

D. 'When' does not fit the sentence's logic.

Question 90 English

In absence of facts we can about the real reason.

- A. Conclude
- B. Deduce
- C. Deduct
- D. Infer ✓ **Correct answer**

A. One cannot conclude about the real reason without facts.

B. Deduce needs stated premises, which are absent here.

C. Deduct means to subtract, not to reason about a cause.

D. Correct (PICK-ONE): in the absence of facts one can only infer about the real reason.

Question 91 English

He set two alarms so as to___that he woke up on time?

- A. Assure
- B. Reassure
- C. Ensure ✓ **Correct answer**
- D. Confirm

A. Assure means to tell someone confidently, not to make certain of waking.

B. Reassure means to comfort someone who is worried, not to make certain of waking.

nsure" means to make certain — he set two alarms to ensure he woke up on time.

D. Confirm means to verify, not to make certain of waking.

Note: Note: Printed key D (confirm) corrected to C: the alarms were set to ensure (make certain) he woke up on time.

Question 92 English

The word round in “He took round in is_____parts of speech?

- A. Verb
- B. Noun
- C. Adjective
- D. None of These

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (the stem ('He took round in is...') is truncated mid-sentence and no recoverable sentence can be formed.)

A. The stem is truncated, so no option can be judged.

B. The stem is truncated, so no option can be judged.

C. The stem is truncated, so no option can be judged.

D. The stem is truncated, so no option can be judged.

Question 93 General Knowledge

Big Ben, a huge clock was installed at Brills' Parliament in

- A. 1940
- B. 1859 ✓ **Correct answer**
- C. 1875

A. Big Ben was not installed in 1940.

B. Correct: Big Ben first rang in 1859 (installed at the Palace of Westminster in 1859).

C. 1875 is not when Big Ben was installed.

D. 1872 is not when Big Ben was installed.

Note: Note: Printed key C (1875) corrected to B: Big Ben first rang in 1859.

Question 94 Everyday Science

What is the clinical use for temperature?

- A. Centigrade
- B. Fahrenheit ✓ **Correct answer**
- C. Celsius
- D. All of These

A. Centigrade is a temperature scale, not the clinical one in use.

B. Correct: the clinical thermometer traditionally uses the Fahrenheit scale.

C. Celsius is the metric scale, not the clinical one in the paper's sense.

D. Only Fahrenheit is the clinical scale here, so 'All of these' is wrong.

Question 95 Pakistan Studies

In which District of Punjab Kallar Kahar Lab is situated?

- A. Jhelum
- B. Chakwal ✓ **Correct answer**
- C. Sargodha
- D. Mianwali

ar is not in Jhelum district.

B. Correct: Kallar Kahar is in Chakwal district, Punjab.

C. It is not in Sargodha district.

D. It is not in Mianwali district.

Question 96 General Knowledge

World Cancer Day is observed every year on:

- A. 21st February
- B. 12th February
- C. 4th February ✓ **Correct answer**
- D. 19th February

A. World Cancer Day is not 21 February.

B. World Cancer Day is not 12 February.

C. Correct: World Cancer Day is observed on 4 February every year.

D. World Cancer Day is not 19 February.

Question 97 General Knowledge

Who is said to be the father of Modem Olympics?

- A. Robert Dover
- B. Pierre de Coubertin ✓ **Correct answer**
- C. Theodosius I
- D. Ernest Curtis

A. Robert Dover is not the father of the modern Olympics.

B. Correct: Pierre de Coubertin is called the father of the modern Olympics.

is I banned the ancient games, he did not found the modern ones.

D. Ernest Curtis is not the father of the modern Olympics.

Question 98 General Knowledge

Which team has won the Football World Cup most of the times?

- A. Italy
- B. France
- C. Germany
- D. Brazil ✓ **Correct answer**

A. Italy has won the World Cup 4 times, fewer than Brazil.

B. France has won it fewer times than Brazil.

C. Germany has won it 4 times, fewer than Brazil.

D. Correct: Brazil has won the Football World Cup the most times (5).

Question 99 General Knowledge

‘Doha" is the sea port of:

- A. Libya
- B. Chile
- C. UAE
- D. Qatar ✓ **Correct answer**

A. Doha is not the seaport of Libya.

B. Doha is not the seaport of Chile.

C. Doha is not the seaport of the UAE.

D. Correct: Doha is the seaport (and capital) of Qatar.

'Marala' Headworks has been constructed on River:

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

A. Marala Headworks is not on the Ravi.

B. Correct: Marala Headworks is constructed on the River Chenab.

C. It is not on the Sutlej.

D. It is not on the Indus.

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