Assistant Director (Investigation), Federal Investigation Agency (FIA), Batch 2 (BS-17) — 2019 · Solved Past Paper

Body: Federal Public Service Commission (FPSC) · **Post:** Assistant Director (Investigation), Federal Investigation Agency (FIA), Batch 2 (BS-17) · **Year:** 2019 · **Questions:** 100 in the original paper — **99 solved and verified**, 1 excluded as defective (Q33) · **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 2019 sitting.

Source note: Imtiaz Shahid, 'Advanced FPSC & Other Model Papers', 50th edition, Model Paper 37 (Assistant Director FIA (BS-17) 2019, Batch-2), book pp. 166–170, read from the Scribd scan of the 50th edition (doc 502354168), fetched 13 Nov 2026. Printed answer key on book pp. 169–170 (Q1–8 on p. 169, Q9–100 on p. 170; Q44 and Q83 keys blank). Thirteen printed-key errors corrected openly (Q28, Q67, Q68, Q69, Q78, Q80, Q82, Q88, Q89, Q93, Q98, Q100; Q44 and Q83 answered independently on blank keys), 6 PICK-ONE (Q10, Q11, Q35, Q39, Q43, Q73) and 1 DEFECTIVE-excluded (Q33), all decided by the assistant under the owner's 8 Nov 2026 delegation. Dedup 13 Nov 2026 vs all 914 built paper files (exact + first-8-words): 16 exact + 20 first-8 matches, spread across many papers (most in one file: 8, FPSC Customs Inspector Batch-1 2018) — single-question reuse across sittings, not a duplicate paper.

Question 1 English

He has the reputation ___ being a good teacher

Correct answer

- B. with
- C. In
- D. None of these

A. Correct: "reputation of being" is the idiom (a reputation for, or of, doing something).

B. Wrong: "reputation with being" is not an idiom.

C. Wrong: "reputation in being" is not English.

D. Wrong, because A is correct.

Question 2 English

The District Police Officer is invested ___ magisterial powers

- A. for
- B. of
- C. with ✓ **Correct answer**
- D. None of these

A. Wrong: "invested for" is not the idiom.

B. Wrong: "invested of" is not English.

C. Correct: "invested with" (given, or entrusted with, powers) is the fixed phrase.

D. Wrong, because C is correct.

Question 3 English

He is blind ___ one eye

- A. for
- B. of ✓ **Correct answer**
- C. to

ne of these

A. Wrong: "blind for one eye" is not an idiom.

B. Correct on the book key: the older idiom is "blind of one eye" (modern usage prefers "blind in one eye", which is not among the options).

C. Wrong: "blind to one eye" is not English.

D. Wrong, because B is the intended answer.

Question 4 English

I have been serving in Gomal University ___ fifteen years

- A. since
- B. for ✓ **Correct answer**
- C. In
- D. None of these

A. Wrong: "since" needs a point in time (since 2010), not a duration.

B. Correct: "for fifteen years" marks a duration with the present perfect continuous.

C. Wrong: "in fifteen years" means after fifteen years have passed.

D. Wrong, because B is correct.

Question 5 English

The children were entrusted ___ the care of their uncle

- A. with ✓ **Correct answer**
- B. for
- C. In
- D. None of these

"entrusted with the care of" is the fixed phrase (entrust someone with something).

B. Wrong: "entrusted for the care" is not an idiom.

C. Wrong: "entrusted in" is not English here.

D. Wrong, because A is correct.

Question 6 English

Darkness was the cause ___ his losing his way

- A. for
- B. of ✓ **Correct answer**
- C. with
- D. None of these

A. Wrong: "cause for his losing" is not the idiom.

B. Correct: "the cause of" is the fixed phrase.

C. Wrong: "cause with" is not English.

D. Wrong, because B is correct.

Question 7 English

I am not concerned ___ his affairs

- A. for
- B. of
- C. about ✓ **Correct answer**
- D. None of these

A. Wrong: "concerned for" means worried on someone's behalf, not "interested in".

concerned of" is not English.

C. Correct: "concerned about" (interested in, or troubled by) is the idiom.

D. Wrong, because C is correct.

Question 8 English

She wondered whether it ___ be true

- A. can
- B. could ✓ **Correct answer**
- C. may
- D. None of these

A. Wrong: "can" is present tense, but "wondered" (past) needs the past form.

B. Correct: "wondered whether it could be true" — "could" is the past of "can" in reported thought.

C. Wrong: "may" is present tense and does not backshift after "wondered".

D. Wrong, because B is correct.

Question 9 English

He complains ___ headache

- A. for
- B. at
- C. of ✓ **Correct answer**
- D. None of these

A. Wrong: "complains for headache" is not an idiom.

B. Wrong: "complains at" is not English.

complain of" (an ailment) is the fixed phrase.

D. Wrong, because C is correct.

Question 10 English

We are writing school assignment ___ black ink

- A. In ✓ **Correct answer**
- B. with
- C. at
- D. None of these

A. Filed: "write in black ink" is the standard collocation ("write in ink").

B. Also acceptable: "write with black ink" is grammatical, which is why this is a PICK-ONE.

C. Wrong: "write at black ink" is not English.

D. Wrong, because A is filed.

Question 11 English

She has two children ___ her first husband

- A. from ✓ **Correct answer**
- B. by
- C. during
- D. None of these

A. Filed on the book key: "children from her first husband" is the book's answer.

B. Also defensible: the standard idiom is "have children by someone" ("two children by her first husband"), which is why this is a PICK-ONE.

C. Wrong: "children during her first husband" is not English.

ecause A is filed.

Question 12 English

___ cell phones do not cause cancer

- A. A
- B. An
- C. The ✓ **Correct answer**
- D. None of these

A. Wrong: "A cell phones" is ungrammatical (a singular article with a plural noun).

B. Wrong: "An cell phones" is ungrammatical for the same reason.

C. Correct: "The cell phones" — the definite article with the plural names the class generically, which is the book's intended answer.

D. Wrong, because C is correct.

Question 13 English

You can compare my copy ___ the original

- A. with
- B. for
- C. to ✓ **Correct answer**
- D. None of these

A. Also acceptable in general ("compare with" examines two things side by side), but the book keys "to".

B. Wrong: "compare for" is not an idiom.

C. Correct: "compare ... to" (liken one thing to another) is the standard form here, and it is the book's answer.

ecause C is correct.

Question 14 English

They have a dispute ___ money

- A. for
- B. over ✓ **Correct answer**
- C. In
- D. None of these

A. Wrong: "dispute for money" is not the idiom.

B. Correct: "a dispute over money" is the fixed phrase.

C. Wrong: "dispute in money" is not English.

D. Wrong, because B is correct.

Question 15 English

We should comply ___ the rules and regulations of the organization

- A. for
- B. of
- C. with ✓ **Correct answer**
- D. None of these

A. Wrong: "comply for" is not English.

B. Wrong: "comply of" is not English.

C. Correct: "comply with" is the fixed phrase.

D. Wrong, because C is correct.

16 English

Our words should be consistent ___ our actions

- A. on
- B. with ✓ **Correct answer**
- C. for
- D. None of these

A. Wrong: "consistent on" is not the idiom.

B. Correct: "consistent with" is the fixed phrase.

C. Wrong: "consistent for" is not English.

D. Wrong, because B is correct.

Question 17 English

They live about ___ from here

- A. an hour of drive
- B. a drive of an hour
- C. an hour's drive ✓ **Correct answer**
- D. None of these

A. Wrong: "an hour of drive" is ungrammatical.

B. Wrong: "a drive of an hour" is awkward and not the idiom.

C. Correct: "an hour's drive" is the possessive idiom for a distance.

D. Wrong, because C is correct.

Question 18 English

She couldn't ___ a moustache to the photo of his headmaster in the newspaper

st to add

- B. resist adding ✓ **Correct answer**
- C. resist from adding
- D. None of these

A. Wrong: "resist" takes a gerund, not "to add".

B. Correct: "resist" is followed by the -ing form.

C. Wrong: "resist from adding" is not English.

D. Wrong, because B is correct.

Question 19 English

Either my husband or my brother will volunteer ___ time for the project

- A. Its
- B. their
- C. his ✓ **Correct answer**
- D. None of these

A. Wrong: "its" is for things, not people.

B. Wrong: "either ... or" with two singular subjects takes a singular pronoun.

C. Correct: "his" agrees with the nearer singular subject ("my brother") under the either/or rule.

D. Wrong, because C is correct.

Question 20 English

Why do you object to ___ he will be an asset to the company?

- A. he be taken on
- B. him being taken on ✓ **Correct answer**

- D. None of these

A. Wrong: "object to he be taken on" is ungrammatical (a subjunctive after "object to").

B. Correct: "object to" takes a gerund phrase — "him being taken on".

C. Wrong: "he being taken on" mixes the nominative with the gerund; it should be "his" or "him being".

D. Wrong, because B is correct.

Question 21 General Intelligence

How many are provinces in India

- A. 26
- B. 29 ✓ **Correct answer**
- C. 30
- D. 31

A. Wrong: India had more than 26 states.

B. Correct: as at January 2019 India had 29 states (before Jammu and Kashmir was reorganised into two union territories in August 2019).

C. Wrong: 30 was not the count.

D. Wrong: 31 was not the count.

Question 22 General Intelligence

Indian P.M Narendra Modi according to Hindu caste system is

- A. Ghanchi ✓ **Correct answer**
- B. Sudras
- C. Vesh

A. Correct: Narendra Modi belongs to the Ghanchi (oil-presser) community, classified as an Other Backward Class.

B. Wrong: "Sudras" (Shudras) is a varna, not Modi's caste.

C. Wrong: "Vesh" (Vaishya) is a different varna.

D. Wrong, because A is correct.

Question 23 General Intelligence

Who currently heads Indian Held Kashmir as Chief Minister

- A. Mehbooba Mufti
- B. Omar Abdullah
- C. Jagmohan
- D. None of above ✓ **Correct answer**

A. Wrong: Mehbooba Mufti resigned as Chief Minister on 19 June 2018.

B. Wrong: Omar Abdullah was Chief Minister until 2015, not in 2019.

C. Wrong: Jagmohan was a Governor of Jammu and Kashmir, never its Chief Minister.

D. Correct: after Mehbooba Mufti's resignation the state was under Governor's Rule, so there was no Chief Minister.

Question 24 General Intelligence

Who was Pakistan army chief at the time of 1965 war

- A. Tikka Khan
- B. Gul Hasan
- C. Ayub Khan
- D. None of above ✓ **Correct answer**

kka Khan was a corps commander in 1965, not the army chief.

B. Wrong: Gul Hasan was not the army chief in 1965.

C. Wrong: Ayub Khan was President in 1965; he had given up the Commander-in-Chief's post in 1958.

D. Correct: the Commander-in-Chief in the 1965 war was General Muhammad Musa Khan, who is not among the options.

Question 25 General Intelligence

When the first adult based elections held in Pakistan

- A. 1954
- B. 1962
- C. 1970 ✓ **Correct answer**
- D. 1975

A. Wrong: no general election on adult franchise was held in 1954.

B. Wrong: the 1962 elections were indirect, under the Basic Democracies system.

C. Correct: the 1970 general election was Pakistan's first on the basis of adult franchise (one man, one vote).

D. Wrong: no general election was held in 1975.

Question 26 General Intelligence

Mangla dam constructed on River Jhelum is to the help of World Bank is located in

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

angla Dam is not in Punjab province.

B. Wrong: Mangla Dam is not in Khyber Pakhtunkhwa.

C. Correct: Mangla Dam stands on the River Jhelum at Mirpur in Azad Jammu and Kashmir.

D. Wrong: Mangla Dam is not in Sindh.

Question 27 General Intelligence

Operation Radd-ul-Fasaad started under Chief of Army

- A. Gen. Qamar Javed Bajwa ✓ **Correct answer**
- B. Gen. Rahil Sharif
- C. Gen. Ayub Khan
- D. None of above

A. Correct: Operation Radd-ul-Fasaad was launched on 22 February 2017 under Chief of Army Staff General Qamar Javed Bajwa.

B. Wrong: General Raheel Sharif launched Operation Zarb-e-Azb (2014), not Radd-ul-Fasaad.

C. Wrong: Ayub Khan was an army chief of the 1950s, decades before this operation.

D. Wrong, because A is correct.

Question 28 General Intelligence

Indian elections 2019 are going to be held in

- A. 28 Dec. 2019
- B. 03 April 2019
- C. 25 Sept. 2019
- D. None of above ✓ **Correct answer**

A. Wrong: the 2019 Indian general election was not held in December 2019 (this is the

and it is wrong).

B. Wrong: voting did not start on 3 April 2019.

C. Wrong: the election was not held in September 2019.

D. Correct: the 2019 Indian general (Lok Sabha) election was held in seven phases from 11 April to 19 May 2019, so none of the dated options is right.

Question 29 General Intelligence

When international peace day is celebrated

- A. 21 April
- B. 20 March
- C. 21 Sept. ✓ **Correct answer**
- D. None of above

A. Wrong: 21 April is not the International Day of Peace.

B. Wrong: 20 March is not the International Day of Peace.

C. Correct: the International Day of Peace is observed every year on 21 September.

D. Wrong, because C is correct.

Question 30 General Intelligence

In Indian History Indian Muslims migrated to Afghanistan in

- A. 1919
- B. 1920 ✓ **Correct answer**
- C. 1922
- D. 1924

A. Wrong: the Hijrat Movement began in 1920, not 1919.

n the Hijrat Movement of 1920, Indian Muslims migrated to Afghanistan in protest against British rule.

C. Wrong: the migration was in 1920, not 1922.

D. Wrong: the migration was in 1920, not 1924.

Question 31 Everyday Science

Long sighted person is corrected in the lens

- A. Concave
- B. Convex ✓ **Correct answer**
- C. Cylindrical
- D. None of these

A. Wrong: a concave lens corrects short sight (myopia), not long sight.

B. Correct: long sight (hypermetropia) is corrected with a convex lens, which converges the light onto the retina.

C. Wrong: a cylindrical lens corrects astigmatism, not long sight.

D. Wrong, because B is correct.

Question 32 Everyday Science

Physiology is study of

- A. Body structure
- B. Functions of body ✓ **Correct answer**
- C. Cylindrical
- D. None of above

A. Wrong: the study of body structure is anatomy, not physiology.

B. Correct: physiology is the study of how the body and its parts function.

D. Wrong, because B is correct.

Question 33 Everyday Science

Aids way to spread is

- A. Air
- B. Touch
- C. Water

No answer is given for this question, and none is taught. DEFECTIVE — EXCLUDED, no answer taught (decided by assistant under owner's 8 Nov delegation: the option set is garbled — the (A) option is missing (the "(A)" label sits in front of the stem) and the visible options are Air, Touch and Water, none of which is a route of HIV transmission (HIV spreads through blood, sexual contact, mother-to-child transmission and contaminated needles, not through air, casual touch or water). The printed key (C, Touch) is factually wrong — HIV is not spread by casual touch. No correct option exists as printed.)

Question 34 General Intelligence

Which US president visited Pakistan first

- A. Dwight D Eisenhower ✓ **Correct answer**
- B. George W. Bush
- C. Richard Nixon
- D. None of above

A. Correct: President Dwight D. Eisenhower visited Pakistan in December 1959, the first visit by a serving US President.

B. Wrong: George W. Bush visited Pakistan in 2006, long after Eisenhower.

C. Wrong: Richard Nixon visited Pakistan in 1969, after Eisenhower.

ecause A is correct.

Question 35 General Intelligence

Who is father of astronomy

- A. Nicolaus Copernicus
- B. Galileo ✓ **Correct answer**
- C. Both a & b
- D. None of above

A. The usual "father of modern astronomy": Copernicus put forward the heliocentric model. The book does not key him.

B. Filed on the book key: Galileo is called the father of observational astronomy, and the book marks him with an asterisk.

C. Wrong as filed: the book keys a single answer (B), not both.

D. Wrong, because B is filed.

Question 36 Current Affairs

US president has set dead line for US forces with draw from Afghanistan

- A. Donald Trump ✓ **Correct answer**
- B. Obama
- C. Bill Clinton
- D. None of above

A. Correct: in December 2018 President Donald Trump ordered the withdrawal of US forces from Afghanistan.

B. Wrong: Barack Obama was no longer President in 2018.

C. Wrong: Bill Clinton left office in 2001, long before this withdrawal.

Question 37 General Intelligence

Maximum Nobel prize are with

- A. UK
- B. USA ✓ **Correct answer**
- C. Germany
- D. France

A. Wrong: the UK has many Nobel laureates, but fewer than the USA.

B. Correct: the United States has by far the most Nobel Prizes (over 400 laureates).

C. Wrong: Germany has many laureates, but fewer than the USA.

D. Wrong: France has fewer Nobel laureates than the USA.

Question 38 Current Affairs

Pakistan is going to start a mega dam on

- A. Diamer Basha
- B. Mohmand
- C. Both a & b ✓ **Correct answer**
- D. None of above

A. Right in itself: the Diamer-Basha Dam was being launched, but it is not the only one.

B. Right in itself: the Mohmand Dam was being launched, but it is not the only one.

C. Correct: in 2018–2019 Pakistan moved to start both mega dams, Diamer-Basha and Mohmand, under one fundraising and construction drive.

D. Wrong, because C is correct.

39 General Intelligence

Supersonic missiles are built by

- A. USA
- B. UK
- C. France
- D. Russia ✓ **Correct answer**

A. The USA also builds supersonic missiles, but the book does not key it.

B. Wrong as the intended answer: the UK is not the country the book means here.

C. France also builds supersonic missiles (for example the ASMP), but the book does not key it.

D. Filed on the book key: Russia is the intended answer (its supersonic and hypersonic missile programmes, including BrahMos with India and the Kinzhal, are the best-known examples).

Question 40 Current Affairs

What is name of Amir-Qatar

- A. Sheikh Tamim bin Hamad al Thani ✓ **Correct answer**
- B. Sheikh Jabir bin Hayyan
- C. Sheikh Ahmed Noman
- D. None of above

A. Correct: Sheikh Tamim bin Hamad Al Thani has been the Emir (Amir) of Qatar since 2013.

B. Wrong: Jabir ibn Hayyan was a medieval scholar, not the Amir of Qatar.

C. Wrong: this is not the Amir of Qatar.

D. Wrong, because A is correct.

41 Pakistan Affairs

Which chain of hills is located is Sindh

- A. Kirthar Mountain Range ✓ **Correct answer**
- B. Koh-e-Safaid
- C. Swallikh Range
- D. None of above

A. Correct: the Kirthar Range runs along the Sindh–Balochistan border in Sindh.

B. Wrong: the Koh-e-Safaid (Spin Ghar) is on the Pakistan–Afghanistan border, not in Sindh.

C. Wrong: the Siwalik Range is in the north (Punjab/KPK foothills), not in Sindh.

D. Wrong, because A is correct.

Question 42 Pakistan Affairs

Liaquat Ali Khan was a minister is

- A. Nehru Cabinet ✓ **Correct answer**
- B. Gandhi Cabinet
- C. Patel Cabinet
- D. None of above

A. Correct: Liaquat Ali Khan was Finance Minister in the Interim Government of 1946, headed by Jawaharlal Nehru.

B. Wrong: Gandhi never headed a cabinet.

C. Wrong: Patel never headed a cabinet.

D. Wrong, because A is correct.

43 General Intelligence

UK and USA are separated by

- A. Pacific
- B. Atlantic ✓ **Correct answer**
- C. Arctic
- D. Atlantic ocean

A. Wrong: the Pacific Ocean lies between Asia/Australia and the Americas, not between the UK and the USA.

B. Filed on the book key: the Atlantic Ocean separates the UK from the USA.

C. Wrong: the Arctic Ocean is around the North Pole, not between the UK and the USA.

D. The same answer as (B), which is why this is a PICK-ONE.

Question 44 Pakistan Affairs

Congress Ministries in 1937 established ministries in

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

A. Wrong: Congress won majorities in five provinces but formed ministries in more.

B. Wrong: Congress formed ministries in seven provinces, not six.

C. Correct: after the 1937 elections Congress formed ministries in seven provinces (Madras, Bombay, United Provinces, Bihar, Orissa, Central Provinces and the North-West Frontier Province).

D. Wrong: the eighth (Assam) came later, in 1938.

45 Pakistan Affairs

In Delhi proposal Quaid-e-Azam fore go

- A. Separate electorate ✓ **Correct answer**
- B. Residary powers
- C. Weightage in Muslims majority provinces
- D. All of above

A. Correct: in his Delhi Proposals (1927) Jinnah offered to give up separate electorates for Muslims in return for other safeguards.

B. Wrong: Jinnah demanded residuary powers for the provinces, he did not give them up.

C. Wrong: this was one of the demands, not what he gave up.

D. Wrong, because only A was given up.

Question 46 Pakistan Affairs

Ayub Khan election symbol was

- A. Rose
- B. Red rose ✓ **Correct answer**
- C. Yasmin
- D. Hockey

A. Close but not the filed answer: Ayub Khan's symbol in the 1965 presidential election is given as the red rose.

B. Correct: Ayub Khan contested the 1965 election with the red rose as his symbol (Fatima Jinnah's was the lantern).

C. Wrong: Yasmin (jasmine) was not Ayub Khan's symbol.

D. Wrong: hockey was not Ayub Khan's election symbol.

47 Pakistan Affairs

Deosai Park is located is

- A. KPK
- B. Former FATA
- C. Kashmir
- D. Baltistan ✓ **Correct answer**

A. Wrong: Deosai is not in Khyber Pakhtunkhwa.

B. Wrong: Deosai is not in the former tribal areas.

C. Wrong: Deosai is not in Azad Kashmir.

D. Correct: Deosai National Park lies on the Deosai plateau in Skardu district, Baltistan (Gilgit-Baltistan).

Question 48 Pakistan Affairs

Pakistan day is observed on

- A. 7 sep
- B. 6 sep
- C. 14 Aug
- D. 23 March ✓ **Correct answer**

A. Wrong: 7 September is not Pakistan Day (it is Air Force Day).

B. Wrong: 6 September is Defence Day, not Pakistan Day.

C. Wrong: 14 August is Independence Day, not Pakistan Day.

D. Correct: Pakistan Day (the Lahore Resolution of 1940) is observed on 23 March.

49 Pakistan Affairs

Decimal system was introduced in Pakistan is

- A. 1961 ✓ **Correct answer**
- B. 1962
- C. 1963
- D. None of above

A. Correct: Pakistan introduced the decimal coinage system on 1 January 1961.

B. Wrong: the decimal system was introduced in 1961, not 1962.

C. Wrong: the decimal system was introduced in 1961, not 1963.

D. Wrong, because A is correct.

Question 50 Pakistan Affairs

Simla agreement was signed is

- A. 1971
- B. 1972 ✓ **Correct answer**
- C. 1973
- D. 1974

A. Wrong: the Simla Agreement was not signed in 1971.

B. Correct: the Simla Agreement between Pakistan and India was signed on 2 July 1972.

C. Wrong: the Simla Agreement was signed in 1972, not 1973.

D. Wrong: the Simla Agreement was signed in 1972, not 1974.

Question 51 Islamiat

How many times Hazrat Ayyub (peace be upon him) mentioned in the Holy Quran?

- B. Four ✓ **Correct answer**
- C. Six
- D. None of these

A. Wrong: Hazrat Ayyub (AS) is mentioned four times, not three.

B. Correct: Hazrat Ayyub (AS) is mentioned by name four times in the Holy Quran.

C. Wrong: Hazrat Ayyub (AS) is mentioned four times, not six.

D. Wrong, because B is correct.

Question 52 Islamiat

How many stages are in the Holy Quran

- A. Six
- B. Four
- C. Seven ✓ **Correct answer**
- D. None of these

A. Wrong: the Quran is divided into seven stages, not six.

B. Wrong: the Quran is divided into seven stages, not four.

C. Correct: the Holy Quran is divided into seven Manazil (stages) for weekly recitation.

D. Wrong, because C is correct.

Question 53 Islamiat

How old was Hazrat Yousaf (peace be upon him) at the time of migration to Egypt?

- A. Almost thirteen years
- B. Almost ten years
- C. Almost fifteen years

ne of these ✓ **Correct answer**

A. Wrong as the standard figure: the traditions give varying ages for Hazrat Yousaf (AS) when he was taken to Egypt, and thirteen is not the standard figure.

B. Wrong: ten is not the standard figure in the traditions.

C. Wrong: fifteen is not the standard figure in the traditions.

D. Correct on the book key: the age most often cited in the traditions is seventeen, which is not among the options.

Question 54 Islamiat

How many basic sources are of Fiqah?

- A. Four ✓ **Correct answer**
- B. Three
- C. Five
- D. None of these

A. Correct: the four basic sources of Fiqh are the Quran, the Sunnah, Ijma (consensus) and Qiyas (analogy).

B. Wrong: there are four basic sources, not three.

C. Wrong: there are four basic sources, not five.

D. Wrong, because A is correct.

Question 55 Islamiat

What is called the seven times walks around the Kaaba?

- A. Tawaf ✓ **Correct answer**
- B. Sai
- C. Rami

A. Correct: the seven circuits around the Kaaba are called Tawaf.

B. Wrong: Sai is the walking between Safa and Marwa, not the circuits around the Kaaba.

C. Wrong: Rami is the stoning of the pillars at Mina, not the circuits around the Kaaba.

D. Wrong, because A is correct.

Question 56 Islamiat

How many Muslims did participate in the battle of Badr?

- A. 313 ✓ **Correct answer**
- B. 200
- C. 324
- D. None of these

A. Correct: 313 Muslims fought in the Battle of Badr (2 AH).

B. Wrong: the Muslim force at Badr was 313, not 200.

C. Wrong: the Muslim force at Badr was 313, not 324.

D. Wrong, because A is correct.

Question 57 Islamiat

Who was the first converted in Islam among woman?

- A. Hazrat Zainab (RA)
- B. Hazrat Khadija (RA) ✓ **Correct answer**
- C. Hazrat Saudeh (RA)
- D. None of these

A. Wrong: Hazrat Zainab (RA) was not the first woman to accept Islam.

azrat Khadija (RA), the wife of the Holy Prophet (PBUH), was the first woman to accept Islam.

C. Wrong: Hazrat Saudah (RA) was an early Muslim and a wife of the Prophet (PBUH), but she was not the first woman to accept Islam.

D. Wrong, because B is correct.

Question 58 Islamiat

At the age of 25 years the Holy Prophet (Peace be upon him) went in to a business trip to

- A. Syria ✓ **Correct answer**
- B. Basra
- C. Damascus
- D. None of these

A. Correct: at the age of 25 the Holy Prophet (PBUH) travelled to Syria (al-Sham) with Hazrat Khadija's trade caravan.

B. Wrong: Basra is in Iraq, not the destination of this journey.

C. Wrong as filed: Damascus is a city within Syria, but the book's intended answer is the country, Syria.

D. Wrong, because A is correct.

Question 59 Islamiat

Hazrat Umar (RA) was born in

- A. 583 AD
- B. 537 AD
- C. 473 AD
- D. None of these ✓ **Correct answer**

azrat Umar (RA) was born about 584 CE, so 583 AD is not exact.

B. Wrong: Hazrat Umar (RA) was born about 584 CE, not 537 AD.

C. Wrong: Hazrat Umar (RA) was born about 584 CE, not 473 AD.

D. Correct: none of the listed years is the accepted year of his birth (about 584 CE).

Question 60 Islamiat

The six authentic books of hadiths are called

- A. Siha-e-Sita ✓ **Correct answer**
- B. The collection of Hadiths
- C. Al-Hidayah
- D. None of these

A. Correct: the six authentic books of Hadith (Sahih Bukhari, Sahih Muslim, Sunan Abu Dawood, Sunan al-Tirmidhi, Sunan al-Nasai and Sunan Ibn Majah) are together called the Sihah Sitta.

B. Wrong: this is a description, not the name of the six books.

C. Wrong: Al-Hidayah is a book of Hanafi jurisprudence, not the six Hadith books.

D. Wrong, because A is correct.

Question 61 Everyday Science

The approximation in which original length is very small as compared to final stretched length is

- A. Elastic approximation ✓ **Correct answer**
- B. Non-elastic approximation
- C. Slinky approximation
- D. None of these

...e printed key gives (A), and test360's identical item (FPSC Customs Inspector Batch-1 2018, Q73) also marks "Elastic approximation" as correct.

B. Wrong: the book's answer is the elastic approximation, not the non-elastic one.

C. Wrong: the book's answer is the elastic approximation, not the slinky approximation.

D. Wrong, because A is correct (the stray asterisk before (D) in the print is a printing slip).

Question 62 Everyday Science

The shortest wavelength for audible sound is

- A. 0.7 cm
- B. 1.7 cm ✓ **Correct answer**
- C. 1.6 cm
- D. None of these

A. Wrong: the shortest audible wavelength is not 0.7 cm.

B. Correct: the highest audible frequency is about 20,000 Hz, and 343 m/s ÷ 20,000 Hz ≈ 0.017 m = 1.7 cm.

C. Wrong: the shortest audible wavelength is 1.7 cm, not 1.6 cm.

D. Wrong, because B is correct.

Question 63 Everyday Science

A wire has a resistance of 6 ohm. It is cut into two parts and both the halves are connected in parallel. The new resistance is

- A. R/2
- B. R/3
- C. R/4 ✓ **Correct answer**
- D. None of these

cutting the wire in half gives two 3-ohm pieces, and two 3-ohm resistors in parallel give 1.5 ohms, which is R/4, not R/2.

B. Wrong: the parallel combination is R/4, not R/3.

C. Correct: each half has resistance R/2 = 3 ohms; in parallel, (3 × 3)/(3 + 3) = 1.5 ohms = 6/4 = R/4.

D. Wrong, because C is correct.

Question 64 Everyday Science

By which process both salt and water will be recovered from common salt solution?

- A. Evaporation
- B. Distillation ✓ **Correct answer**
- C. Sublimation
- D. None of these

A. Wrong: evaporation recovers the salt but loses the water as vapour.

B. Correct: distillation boils off the water, condenses it and collects it, leaving the salt behind — so both salt and water are recovered.

C. Wrong: sublimation (solid to gas) does not apply to a salt solution.

D. Wrong, because B is correct.

Question 65 Everyday Science

Which one of the following elements the drum of a Photostat machine is made up of

- A. Aluminum
- B. Selenium ✓ **Correct answer**
- C. Barium
- D. None of these

e photoconductive drum is not made of aluminium.

B. Correct: the drum of a photocopier (Photostat machine) is coated with selenium, a photoconductive element.

C. Wrong: the drum is not made of barium.

D. Wrong, because B is correct.

Question 66 Everyday Science

The force exerted by a uniform electric field on a dipole is

- A. Parallel to the dipole moment
- B. Perpendicular to the dipole moment
- C. Parallel to the electric field
- D. None of these ✓ **Correct answer**

A. Wrong: a uniform field exerts no net force on a dipole at all.

B. Wrong: a uniform field exerts no net force on a dipole at all.

C. Wrong: a uniform field exerts no net force on a dipole (it exerts a torque, not a force).

D. Correct: the net force on an electric dipole in a uniform electric field is zero, so none of the stated directions applies.

Question 67 Current Affairs

In how many National and Provincial Constituencies by elections were held on 15th October 2018

- A. 24
- B. 30
- C. 35 ✓ **Correct answer**
- D. None of these

4 is only the provincial count (this is the printed key, and it is wrong).

B. Wrong: the by-elections covered 35 constituencies, not 30.

C. Correct: the by-elections of 14 October 2018 were held in 35 constituencies — 11 National Assembly and 24 provincial seats.

D. Wrong, because C is correct.

Question 68 Current Affairs

How many woman candidates made it to the National Assembly through the direct General Elections 2018?

- A. 8 ✓ **Correct answer**
- B. 10
- C. 12
- D. None of these

A. Correct: eight women won National Assembly general seats in the 2018 general election (NCSW/ECP data).

B. Wrong: only eight women won general seats (this is the printed key, and it is wrong).

C. Wrong: only eight women won general seats.

D. Wrong, because A is correct.

Question 69 Current Affairs

What was the voter turnout in General Elections 2018?

- A. 49.5
- B. 55.8
- C. 56.2
- D. None of these ✓ **Correct answer**

e 2018 turnout was 51.7 per cent, not 49.5.

B. Wrong: the 2018 turnout was 51.7 per cent, not 55.8 (this is the printed key, and it is wrong).

C. Wrong: the 2018 turnout was 51.7 per cent, not 56.2.

D. Correct: the Election Commission reported a turnout of 51.7 per cent in the 2018 general election, which is not among the options.

Question 70 Current Affairs

Hatf-7 (Babur) range is

- A. 350-400 km
- B. 350-500 km
- C. 350-700 km ✓ **Correct answer**
- D. None of these

A. Wrong: the Babur cruise missile's range is 700 km, which is outside this band.

B. Wrong: the Babur's range is 700 km, which is outside this band.

C. Correct: the Hatf-VII (Babur) cruise missile has a stated range of 700 km, which falls in this band.

D. Wrong, because C is correct.

Question 71 Current Affairs

Who is the Advisor to Prime Minister on Institutional Reforms and Austerity?

- A. Dr. Asad Umar
- B. Muhammad Shehzad Arbab
- C. Dr. Ishrat Hussain ✓ **Correct answer**
- D. None of these

Asad Umar was the Finance Minister, not the Advisor on Institutional Reforms and Austerity.

B. Wrong: Shehzad Arbab was the Advisor on Establishment, not on Institutional Reforms and Austerity.

C. Correct: Dr. Ishrat Hussain was appointed Advisor to the Prime Minister on Institutional Reforms and Austerity in 2018.

D. Wrong, because C is correct.

Question 72 Current Affairs

Who is the Petroleum Minister?

- A. Makhdoom Khusro Bakhtiar
- B. Ch. Tariq Bashir Cheema
- C. Abdul Razzaq Dawood
- D. None of these ✓ **Correct answer**

A. Wrong: Khusro Bakhtiar was the Planning Minister, not the Petroleum Minister.

B. Wrong: Tariq Bashir Cheema was the Housing Minister, not the Petroleum Minister.

C. Wrong: Razzaq Dawood was the Advisor on Commerce, not the Petroleum Minister.

D. Correct: the Petroleum Minister in late 2018 was Ghulam Sarwar Khan, who is not among the options.

Question 73 Everyday Science

Ibn-e-Khaldun belongs to

- A. Morocco
- B. Spain ✓ **Correct answer**
- C. Iraq

A. Wrong: Ibn Khaldun was not Moroccan.

B. Filed on the book key: Ibn Khaldun's family was of Andalusian origin, from Seville in Spain, which is the sense in which the book says he "belongs to" Spain.

C. Wrong: Ibn Khaldun was not Iraqi.

D. Wrong: Ibn Khaldun was not Syrian (he was born in Tunis, in present-day Tunisia).

Question 74 Everyday Science

Which is smallest in diameter

- A. Jupiter
- B. Mercury ✓ **Correct answer**
- C. Venus
- D. None of these

A. Wrong: Jupiter is the largest planet, not the smallest.

B. Correct: Mercury is the smallest planet in the solar system (about 4,879 km in diameter).

C. Wrong: Venus is larger than Mercury.

D. Wrong, because B is correct.

Question 75 Everyday Science

Aorta is an organ of

- A. Circulatory system ✓ **Correct answer**
- B. Skeleton
- C. Skull

A. Correct: the aorta is the main artery of the body and belongs to the circulatory system.

e aorta is a blood vessel, not part of the skeleton.

C. Wrong: the aorta is not part of the skull.

Question 76 Everyday Science

Histology is study of

- A. Tissues ✓ **Correct answer**
- B. Cells
- C. Chromosomes
- D. None of these

A. Correct: histology is the study of tissues (their structure and function).

B. Wrong: the study of cells is cytology, not histology.

C. Wrong: chromosomes are studied in genetics and cytogenetics, not histology.

D. Wrong, because A is correct.

Question 77 Everyday Science

Best source of Potassium is

- A. Orange
- B. Banana ✓ **Correct answer**
- C. Potato
- D. None of these

A. Wrong: oranges contain potassium, but the banana is the classic best source named in the books.

B. Correct: the banana is the standard textbook answer for the best source of potassium.

C. Wrong: potatoes are also rich in potassium, but the book's answer is the banana.

Question 78 Everyday Science

Lactic Acid is in

- A. Orange
- B. Banana
- C. Milk
- D. Curd ✓ **Correct answer**

A. Wrong: oranges contain citric acid, not lactic acid.

B. Wrong: bananas do not contain lactic acid.

C. Wrong: milk contains lactose (milk sugar); lactic acid forms when milk ferments into curd (this is the printed key, and it is wrong).

D. Correct: lactic acid is the acid in curd (yogurt), produced by the fermentation of lactose.

Question 79 Everyday Science

Oxygen was discovered in

- A. 1774 ✓ **Correct answer**
- B. 1988
- C. 1779
- D. None of these

A. Correct: Joseph Priestley discovered oxygen in 1774 (Carl Scheele had isolated it independently around the same time).

B. Wrong: oxygen was discovered in the 18th century, not in 1988.

C. Wrong: Priestley's discovery was in 1774, not 1779.

D. Wrong, because A is correct.

80 Everyday Science

Our eye is sensitive to

- A. Red light
- B. Blue light
- C. White light
- D. Yellow light ✓ **Correct answer**

A. Wrong: the eye's peak sensitivity is not in the red.

B. Wrong: the eye is least sensitive at the blue end of the spectrum (this is the printed key, and it is wrong).

C. Wrong: white light is a mixture, not the colour of peak sensitivity.

D. Correct: the human eye is most sensitive to yellow-green light (about 555 nm), and yellow is the nearest option.

Question 81 Mathematics

254 x ? x 8 = 95504

- A. 47 ✓ **Correct answer**
- B. 49
- C. 51
- D. None of these

A. Correct: 254 × 47 × 8 = 254 × 376 = 95,504.

B. Wrong: 254 × 49 × 8 = 99,568, not 95,504.

C. Wrong: 254 × 51 × 8 = 103,632, not 95,504.

D. Wrong, because A is correct.

82 Mathematics

2567 + 17 x 3 = ? + 180

- A. 73
- B. 271
- C. 273
- D. None of these ✓ **Correct answer**

A. Wrong: 2567 + 51 = 2618, so ? = 2618 − 180 = 2438, not 73.

B. Wrong: ? = 2438, not 271.

C. Wrong: ? = 2438, not 273 (this is the printed key, and it is wrong).

D. Correct: the value is 2438, which is not among the options.

Question 83 Mathematics

-7m - [3n - {8m - (4n - 10m)}] = ?

- A. 11 m - 5n
- B. 11n - 11m
- C. 11 m - 7n ✓ **Correct answer**
- D. None of these

A. Wrong: the working gives 11m − 7n, not 11m − 5n.

B. Wrong: the working gives 11m − 7n, not 11n − 11m.

C. Correct: {8m − (4n − 10m)} = 18m − 4n; [3n − (18m − 4n)] = 7n − 18m; −7m − (7n − 18m) = 11m − 7n.

D. Wrong, because C is correct.

If x = y^a, y = z^b, z = x^c, then abc = ?

- A. 4
- B. 3
- C. 1 ✓ **Correct answer**
- D. None of these

A. Wrong: substituting gives abc = 1, not 4.

B. Wrong: substituting gives abc = 1, not 3.

C. Correct: x = y^a = (z^b)^a = z^(ab), and z = x^c = z^(abc), so abc = 1.

D. Wrong, because C is correct.

Question 85 Mathematics

8^3 x 8^2 x 8^5 = ?

- A. 0
- B. 1
- C. 8
- D. None of these ✓ **Correct answer**

A. Wrong: 8^3 × 8^2 × 8^5 = 8^10, not 0.

B. Wrong: 8^3 × 8^2 × 8^5 = 8^10, not 1.

C. Wrong: 8^3 × 8^2 × 8^5 = 8^(3+2+5) = 8^10, not 8^1.

D. Correct: the value is 8^10, which is not among the options.

Question 86 Mathematics

(√5 - √3)/(√5 + √3) = ?

- B. 2
- C. 3
- D. None of these ✓ **Correct answer**

A. Wrong: rationalising gives 4 − √15, not 1.

B. Wrong: rationalising gives 4 − √15, not 2.

C. Wrong: rationalising gives 4 − √15, not 3.

D. Correct: (√5 − √3)/(√5 + √3) = (√5 − √3)²/(5 − 3) = (8 − 2√15)/2 = 4 − √15, which is not among the options.

Question 87 Mathematics

If a^(2x - 2) = 1 where a is a positive real number other than 1, then x = ?

- A. -2
- B. -1
- C. 0
- D. None of these ✓ **Correct answer**

A. Wrong: a^(2x−2) = 1 needs 2x − 2 = 0, so x = 1, not −2.

B. Wrong: x = 1, not −1.

C. Wrong: x = 1, not 0.

D. Correct: any non-zero base to the power zero is 1, so 2x − 2 = 0 and x = 1, which is not among the options.

Question 88 Mathematics

The mean temperature of Monday to Wednesday was 37° and that of Tuesday to Thursday was 34°. If the temperature on Thursday was 4/5 of that of Monday, then what

mperature on Thursday?

- A. 36.5°
- B. 36° ✓ **Correct answer**
- C. 35.5°
- D. None of these

A. Wrong: the working gives 36°, not 36.5°.

B. Correct: Mon + Tue + Wed = 111 and Tue + Wed + Thu = 102, so Mon − Thu = 9; with Thu = (4/5) Mon, Mon/5 = 9, Mon = 45 and Thu = 36°.

C. Wrong: the working gives 36°, not 35.5° (this is the printed key, and it is wrong).

D. Wrong, because B is correct.

Question 89 Mathematics

A train moves with a speed of 30 km/hr for 12 minutes and for next 8 minutes at a speed of 45 km/hr. The average speed of the train is

- A. 37.5 Km/hr
- B. 38 km/hr
- C. 48 km/hr
- D. None of these ✓ **Correct answer**

A. Wrong: the average speed is 36 km/hr, not 37.5.

B. Wrong: the average speed is 36 km/hr, not 38 (this is the printed key, and it is wrong).

C. Wrong: the average speed is 36 km/hr, not 48.

D. Correct: distance = 30 × (12/60) + 45 × (8/60) = 6 + 6 = 12 km in 20 minutes (1/3 hour), so average speed = 12 ÷ (1/3) = 36 km/hr, which is not among the options.

90 Mathematics

16% of a number is 216. What is 27% of that number?

- A. 274
- B. 367.20
- C. 364.50 ✓ **Correct answer**
- D. None of these

A. Wrong: the number is 1350, and 27% of 1350 is 364.50, not 274.

B. Wrong: 27% of 1350 is 364.50, not 367.20.

C. Correct: the number is 216 ÷ 0.16 = 1350, and 27% of 1350 = 364.50.

D. Wrong, because C is correct.

Question 91 Mathematics

The sum and product of two numbers are 12 and 35 respectively the sum of their reciprocals will be

- A. 12/35 ✓ **Correct answer**
- B. 1/35
- C. 35/8
- D. None of these

A. Correct: for numbers a and b, 1/a + 1/b = (a + b)/ab = 12/35.

B. Wrong: the sum of the reciprocals is (a + b)/ab = 12/35, not 1/35.

C. Wrong: the sum of the reciprocals is 12/35, not 35/8.

D. Wrong, because A is correct.

92 Mathematics

The length of a rectangular plot is 4 1/2 times that of its breadth. If the area of the plot is 200m^2, then what is its length?

- A. 25m
- B. 62m
- C. 30m ✓ **Correct answer**
- D. None of these

A. Wrong: with breadth b, 4.5b^2 = 200 gives b ≈ 6.67 m and length 30 m, not 25 m.

B. Wrong: the length is 30 m, not 62 m.

C. Correct: length = 4.5 × breadth and area = length × breadth = 4.5 × breadth^2 = 200, so breadth^2 = 44.44, breadth ≈ 6.67 m and length = 4.5 × 6.67 = 30 m.

D. Wrong, because C is correct.

Question 93 Mathematics

A rectangular carpet has an area of 120 square meters and perimeter of 48m. The length of its diagonal is

- A. 11m
- B. 13m
- C. 17m
- D. None of these ✓ **Correct answer**

A. Wrong: the diagonal is √336 ≈ 18.33 m, not 11 m.

B. Wrong: the diagonal is √336 ≈ 18.33 m, not 13 m.

C. Wrong: the diagonal is √336 ≈ 18.33 m, not 17 m (this is the printed key, and it is wrong).

D. Correct: length + breadth = 24 and length × breadth = 120, so diagonal^2 = (length +

2 × length × breadth = 378 − 240 = 336, and √336 ≈ 18.33 m, which is not among the options.

Question 94 Mathematics

A rectangular courtyard 3.78m long and 5.25m broad is to be paved exactly with square tiles, all of the same size the minimum number of such tiles is

- A. 430
- B. 440
- C. 450 ✓ **Correct answer**
- D. None of these

A. Wrong: the minimum number of tiles is 450, not 430.

B. Wrong: the minimum number of tiles is 450, not 440.

C. Correct: the largest square tile has side HCF(378, 525) = 21 cm, and the number of tiles is (378 × 525)/(21 × 21) = 198450/441 = 450.

D. Wrong, because C is correct.

Question 95 Mathematics

The perimeter of a floor of a room is 18m. What is the area of four walls of the room, if height is 3m?

- A. 21 m^2
- B. 42 m^2
- C. 54 m^2 ✓ **Correct answer**
- D. None of these

A. Wrong: the area of the four walls is perimeter × height = 18 × 3 = 54 m^2, not 21 m^2.

B. Wrong: the area is 54 m^2, not 42 m^2.

The area of the four walls is the perimeter of the floor times the height, 18 × 3 = 54 m².

D. Wrong, because C is correct.

Question 96 Mathematics

Let A = [a_ij] be n square matrix, if a_2j = 0 for all j = 1, 2, 3, ..., n, then the matrix A is

- A. Regular
- B. Diagonal
- C. Singular ✓ **Correct answer**
- D. None of these

A. Wrong: a regular (non-singular) matrix has a non-zero determinant, but a zero row makes the determinant zero.

B. Wrong: a zero row does not make the matrix diagonal.

C. Correct: if a whole row (here the second row) is zero, the determinant is zero and the matrix is singular.

D. Wrong, because C is correct.

Question 97 Mathematics

The centroid of a triangle LMN with vertices L(1, 1, 1), M(3, 3, 3), N(5, 5, 5) is the point

- A. (3, 3, 3) ✓ **Correct answer**
- B. (2, 2, 2)
- C. (2.5, 2.5, 2.5)
- D. None of these

A. Correct: the centroid is the average of the vertices, ((1+3+5)/3, (1+3+5)/3, (1+3+5)/3) = (3, 3, 3).

e average of the coordinates is 3, not 2.

C. Wrong: the average of the coordinates is 3, not 2.5.

D. Wrong, because A is correct.

Question 98 Mathematics

The projection of a vector a = i + j + k on another vector b = 3j + 3k is

- A. 2/√2 ✓ **Correct answer**
- B. 1/√2
- C. 3/√2
- D. None of these

A. Correct: the scalar projection is (a·b)/|b| = (0 + 3 + 3)/√(0 + 9 + 9) = 6/(3√2) = 2/√2.

B. Wrong: the scalar projection is 2/√2, not 1/√2.

C. Wrong: the scalar projection is 2/√2, not 3/√2 (this is the printed key, and it is wrong).

D. Wrong, because A is correct.

Question 99 Mathematics

The work done by a force F = i + j + k in moving an object from a point p(1, 1, 1) to the point Q(1, 2, 2) is

- A. 1
- B. 2 ✓ **Correct answer**
- C. 0
- D. None of these

A. Wrong: the work is F·d = 2, not 1.

B. Correct: displacement d = (0, 1, 1), so work = F·d = 0 + 1 + 1 = 2.

e work is 2, not 0.

D. Wrong, because B is correct.

Question 100 Mathematics

The moment about a point p(0, 0, 0) of the force F = 2i - j - k applied at Q(1, 1, 1) is

- A. 3i - 3j
- B. 3j + 3k
- C. 3j - 3k ✓ **Correct answer**
- D. None of these

A. Wrong: r × F = (0, 3, −3), which has no i-component.

B. Wrong: the k-component is −3, not +3.

C. Correct: r × F = (1, 1, 1) × (2, −1, −1) = (1×(−1) − 1×(−1), 1×2 − 1×(−1), 1×(−1) − 1×2) = (0, 3, −3) = 3j − 3k.

D. Wrong, because C is correct (this is the printed key, and it is wrong).

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