# Assistant Director in Interior Ministry, BPS-17 — 2009 · Solved Past Paper

**Body:** Federal Public Service Commission (FPSC) · **Post:** Assistant Director in Interior Ministry, BPS-17 · **Year:** 2009 · **Questions:** 98 in the original paper — **96 solved and verified**, 2 excluded as defective (Q52, Q78) · **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 2009 sitting.

**Source note:** test360.pk reproduction, 'Model Paper FPSC AD Interior Ministry BPS-17 2009' (test 1369; states 98 total, shows all 98 stems Q1-Q98, each with a printed key; accessed 13 Nov 2026). No second full reproduction found; answers verified independently. 91 VERIFIED + 5 SINGLE-SOURCE (Q19, Q32, Q42, Q44, Q89) + 2 DEFECTIVE-excluded (Q52, Q78), all decided by the assistant under the owner's 8 Nov 2026 delegation. 13 printed keys corrected openly (Q7, Q20, Q30, Q31, Q33, Q34, Q35, Q36, Q47, Q57, Q59, Q63, Q82). Q60 kept as printed (C '1074' verified by digit count: 9+180+2700+300=3189). Dedup 13 Nov 2026 vs all 77 live FPSC papers (6,942 stems): 5 exact matches (5%), spread across several live papers — isolated reuse, not a duplicate paper.

## Question 1 English

To burn one's fingers

- A. to have a burning sensation at the tips of one's figures
- B. to undergo suffering heroically for one's principles
- C. to behave as if one is very great and important

lave a bad result from something ✓ **Correct answer**

**A.** This is the literal sense, not the idiom's meaning.

**B.** This describes suffering for a cause, not the idiom.

**C.** This describes arrogance, not the idiom.

**D.** "To burn one's fingers" means to suffer the bad consequences of something one has done.

## Question 2 English

To end in smoke

- A. to die of cancer caused by smoking
- B. to end without providing any practical result ✓ **Correct answer**
- C. die burning house shocked with smoke
- D. to risk everything in a single venture

**A.** The idiom is not about illness.

**B.** "To end in smoke" means to come to nothing, to produce no practical result.

**C.** This is literal smoke, not the idiom.

**D.** This describes staking everything, not the idiom.

## Question 3 English

His most trusted friend proved to be a snake in the grass.

- A. an unreliable person
- B. a hidden enemy ✓ **Correct answer**
- C. low and mean
- D. Cowardly and brutal

the idiom means more than unreliability.

**B.** "A snake in the grass" is a secret or hidden enemy, someone who seems friendly but is treacherous.

**C.** This is a character judgement, not the idiom's meaning.

**D.** This describes cruelty and cowardice, not the idiom.

## Question 4 English

The captors of the kidnapped kept his family on tenter-hooks.

- A. an anxious suspense ✓ **Correct answer**
- B. on constant move
- C. in seething anger
- D. in excited wait

**A.** "On tenterhooks" means in a state of anxious suspense, waiting for news.

**B.** This describes movement, not suspense.

**C.** This describes anger, not suspense.

**D.** "Excited" is the wrong feeling; the idiom is about anxiety, not excitement.

## Question 5 English

I have come to know of your hole and corner methods of dealing with people.

- A. suspicious
- B. secret ✓ **Correct answer**
- C. servile
- D. Strict

**A.** Secret methods may look suspicious, but the idiom means "secret", not "suspicious".

corner means secret, underhand, done in a hidden way.

**C.** This means submissive, not secret.

**D.** This means severe, not secret.

## Question 6 English

They are sure to steal a march upon their competitors

- A. Outshine ✓ **Correct answer**
- B. defy
- C. challenge
- D. resist

**A.** "To steal a march on" someone means to get ahead of them, to outdo them.

**B.** This means to resist authority, not to get ahead.

**C.** This means to dispute, not to get ahead.

**D.** This means to oppose, not to get ahead.

## Question 7 English

He was in a brown study and did not seem to catch my point.

- A. in his study room
- B. absorbed in reading
- C. absent-minded ✓ **Correct answer**
- D. in a state of shock

**A.** The idiom is not about a room.

**B.** The printed key, but wrong: a brown study is not about reading.

**C.** "A brown study" means a state of deep thought or absent-minded reverie, lost in one's

**D.** Shock is a sudden reaction, not a brown study.

**Note:** Note: printed key B is WRONG; the answer is C.

## Question 8 English

The authorities took him to ask for his negligence,

- A. gave him additional work
- B. Suspended his assignment
- C. forced him to resign
- D. reprimanded him ✓ **Correct answer**

**A.** Being taken to task does not mean more work.

**B.** Being taken to task does not mean suspension.

**C.** Being taken to task does not mean dismissal.

**D.** "To take someone to task" means to reprimand them, to scold them for a fault.

## Question 9 English

I am sure they will fight tooth and nail for their rights.

- A. With all the rights
- B. With all their mights ✓ **Correct answer**
- C. Without any weapon
- D. Very crowdly

**A.** This is not the idiom's meaning.

**B.** "To fight tooth and nail" means to fight with all one's might, fiercely.

**C.** Tooth and nail are the weapons of the idiom, so "without any weapon" is the opposite.

: a meaning of the idiom.

## Question 10 English

The detective left no stone unturned to trace the culprit,

- A. took no pains
- B. did very, irrelevant things
- C. Restart to illegitimate practices
- D. used all available means ✓ **Correct answer**

**A.** This is the opposite: he took every pain.

**B.** Leaving no stone unturned means trying everything relevant.

**C.** The idiom says nothing about illegitimacy.

**D.** "To leave no stone unturned" means to try every possible means.

## Question 11 English

If you want mental peace, you should be steer clear of group politics in our office.

- A. decide
- B. to avoid ✓ **Correct answer**
- C. to abide by
- D. to satisfy yourself

**A.** This is not the meaning of "steer clear of".

**B.** "To steer clear of" something means to avoid it.

**C.** This means to follow, the opposite of steering clear.

**D.** This is not the idiom's meaning.

## Question 12 English

She stood by her husband in wheel and woe

- A. By hook or crook
- B. in prosperity and adversity ✓ **Correct answer**
- C. during illness
- D. during the operation

**A.** This means by any means, not "in prosperity and adversity".

**B.** "Weal and woe" (filed "wheel and woe") means prosperity and adversity, good times and bad.

**C.** Adversity is wider than illness alone.

**D.** The idiom is not about an operation.

## Question 13 English

He took into her head to leave her job in no time and go to her parents.

- A. half – heartedly decided
- B. a sudden idea ✓ **Correct answer**
- C. after careful thought
- D. none of these

**A.** The idiom is about suddenness, not half-heartedness.

**B.** "To take it into one's head" means to get a sudden idea or impulse.

**C.** This is the opposite of a sudden idea.

**D.** B is correct, so "none of these" is wrong.

## 14 English

President Saddam Hussein's effort to annex Kuwait was nothing short of setting the Thames on fire.

- A. a try to achieve an impossible distinction ✓ **Correct answer**
- B. to destroy the country for nothing
- C. to show his power and might
- D. None of these

**A.** "To set the Thames on fire" means to do something remarkable or seemingly impossible; the sentence says Saddam's effort was nothing short of that.

**B.** This is not the idiom's meaning.

**C.** This is not the idiom's meaning.

**D.** A is correct, so "None of these" is wrong.

## Question 15 English

One should not stay idle at home; up and doing but be up and doing.

- A. Sleeping
- B. active ✓ **Correct answer**
- C. working
- D. reading

**A.** This is the opposite of being up and doing.

**B.** "Up and doing" means active, busy, on one's feet doing things.

**C.** Close, but "active" is the idiom's meaning; "working" is narrower.

**D.** Reading is one activity, not the idiom's meaning.

# 16 English

They set the two friends by the ear and then enjoyed the fun.

- A. mede friend
- B. to provoke to quarrel ✓ **Correct answer**
- C. to bring in agreement
- D. None of these

**A.** This is garbled and not the idiom's meaning.

**B.** "To set (people) by the ears" means to cause them to quarrel.

**C.** This is the opposite of the idiom.

**D.** B is correct, so "None of these" is wrong.

# Question 17 General Knowledge

The cell was ____ first and named by Robert Hooke in 1665.

- A. discovered ✓ **Correct answer**
- B. invented
- C. determined
- D. recognized

**A.** Robert Hooke discovered cells in 1665 and named them.

**B.** A cell is a natural structure, not an invention.

**C.** This is not the word used for Hooke's finding.

**D.** Hooke discovered the cell; "recognized" is weaker and not the standard word.

# Question 18 General Knowledge

In terms of spatial distribution, rainfall during this season was most conducive for

g agricultural ___ this year.

- A. Consumption
- B. Saving
- C. labour
- D. Output ✓ **Correct answer**

**A.** Rainfall augments production, not consumption.

**B.** Rainfall does not augment saving.

**C.** Rainfall does not augment labour.

**D.** Rainfall that helps agriculture increases agricultural output.

## Question 19 Current Affairs

The oil prices has shown a downward trend due to:

- A. America -lran deal
- B. common wealth Summit
- C. Syrian Civil war
- D. Change ln OPEC 's policies. ✓ **Correct answer**

**A.** The US–Iran deal did not drive the oil-price fall in question.

**B.** A Commonwealth summit did not drive the oil-price fall.

**C.** The Syrian civil war tended to raise, not lower, oil prices.

**D.** The sharp oil-price fall of late 2014 followed OPEC's decision (November 2014) not to cut output.

**Note:** Note: the page content is a composite updated beyond 2009; the answer rests on the dated OPEC decision, so it is marked SINGLE-SOURCE.

## 20 Current Affairs

The World Trade Organization's (WTOs) conference was recently held at:

- A. London
- B. Paris
- C. Geneva ✓ **Correct answer**
- D. Brussels

**A.** The WTO's headquarters is not in London.

**B.** The WTO ministerial was not held in Paris.

**C.** The WTO is headquartered in Geneva, and its ministerial conferences are held there.

**D.** The printed key, but wrong: the WTO conference was not held in Brussels.

**Note:** Note: printed key D is WRONG; the answer is C.

## Question 21 General Knowledge

''Ogra''ls the regulating authority of :

- A. Show biz
- B. Stock exchange
- C. Water and power
- D. Oil and Gas ✓ **Correct answer**

**A.** OGRA has nothing to do with show business.

**B.** The stock exchange is regulated by the SECP, not OGRA.

**C.** Water and power are regulated by other bodies, not OGRA.

**D.** OGRA is the Oil and Gas Regulatory Authority of Pakistan.

# 22 Pakistan Studies

"A'Short History of the Saracens" was written by:

- A. Allama shibli Naumani
- B. Sir Syed Ahmed Khan
- C. Syed Amerr Ali ✓ **Correct answer**
- D. Deputy Nazeer Ahmed

**A.** Shibli Nomani did not write A Short History of the Saracens.

**B.** Sir Syed did not write this book.

**C.** Syed Ameer Ali wrote A Short History of the Saracens.

**D.** Deputy Nazir Ahmad did not write this book.

# Question 23 Pakistan Studies

The year of 1905 is considered very important in the history of Indo Pak due to:

- A. Foundation of Muslim League
- B. Partition of Bengal ✓ **Correct answer**
- C. George V's visits to India
- D. Military Reforms

**A.** The Muslim League was founded in 1906, not 1905.

**B.** The Partition of Bengal took place in 1905.

**C.** George V's visit was in 1911, not 1905.

**D.** No military reform of 1905 explains the year.

# Question 24 Pakistan Studies

The World War-ll started in.

- B. 1939 ✓ **Correct answer**
- C. 1940
- D. 1941

**A.** World War II had not begun in 1938.

**B.** World War II began in September 1939.

**C.** The war had already begun in 1939.

**D.** The war had already begun in 1939.

## Question 25 Pakistan Studies

Which Muslim dignitary of the Sub Continent died on 21st April 1938?

- A. Maulana Muhammad Ali Johar
- B. Altaf Hussain Hali
- C. Allama Iqbal ✓ **Correct answer**
- D. Hakim Ajmal Khan

**A.** Muhammad Ali Jauhar died in 1931, not 1938.

**B.** Hali died in 1914, not 1938.

**C.** Allama Iqbal died on 21 April 1938.

**D.** Hakim Ajmal Khan died in 1927, not 1938.

## Question 26 Pakistan Studies

At the time of partition (August 1947) the Prime Minister of England was:

- A. Clement Attlee ✓ **Correct answer**
- B. Winston Churchill
- C. Woodrow Wilson

**A.** Clement Attlee was the British Prime Minister at the time of partition in August 1947.

**B.** Churchill had left office in 1945.

**C.** Wilson was a US president (1913–1921), not a British prime minister.

**D.** A is correct, so "None" is wrong.

## Question 27 Pakistan Studies

The first Finance Minister of Pakistan was:

- A. Malik Ghulam Mohammed ✓ **Correct answer**
- B. Jugander Nathan Mundal
- C. Liaquat Ali Khan
- D. Ch. Muhammad Ali

**A.** Malik Ghulam Muhammad was Pakistan's first Finance Minister.

**B.** Jogendra Nath Mandal was the first Law Minister, not Finance Minister.

**C.** Liaquat Ali Khan was the first Prime Minister, not Finance Minister.

**D.** Chaudhry Muhammad Ali became Prime Minister later, not the first Finance Minister.

## Question 28 Pakistan Studies

As Governor General of Pakistan; the Quaid -e-Azam was succeeded by

- A. Sikandar Mirza
- B. Malik Ghulam Muhammad
- C. Khawaja Nazm-ud-din ✓ **Correct answer**
- D. Hussain Shaheed Suharwardi

**A.** Iskandar Mirza became Governor-General later, in 1955.

Iam Muhammad succeeded Khawaja Nazimuddin, not Jinnah.

**C.** Khawaja Nazimuddin succeeded Quaid-e-Azam Muhammad Ali Jinnah as Governor-General in 1948.

**D.** Suhrawardy was a later prime minister, not Jinnah's successor as Governor-General.

## Question 29 General Knowledge

'Wheel' is a symbol of:

- A. Peace
- B. Progress ✓ **Correct answer**
- C. Prosperity
- D. Speed

**A.** The wheel's usual symbolism is not peace.

**B.** The wheel is a symbol of progress and movement forward.

**C.** Prosperity is not the wheel's usual symbolism.

**D.** Speed is a property of a wheel, not its symbolic meaning.

## Question 30 General Knowledge

The 'Stonehenge' is among the seven wonders of the World situated in

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

**A.** Stonehenge is in Wiltshire, England.

**B.** The printed key, but wrong: Stonehenge is not in France.

ge is not in Italy.

**D.** Stonehenge is not in Germany.

**Note:** Note: printed key B is WRONG; the answer is A.

## Question 31 General Knowledge

The majority of 'Kurd Population' is leaving in:

- A. Iran and Afghanistan
- B. Iraq and Turkey ✓ **Correct answer**
- C. Syria and Labya
- D. Jordan and Tunis

**A.** Kurds live in Iran, but not in Afghanistan in large numbers.

**B.** The largest Kurdish populations live in Turkey and Iraq (with Iran and Syria).

**C.** Syria has a Kurdish population, but Libya does not.

**D.** The printed key, but wrong: Jordan and Tunisia have no large Kurdish populations.

**Note:** Note: printed key D is WRONG; the answer is B.

## Question 32 General Knowledge

According to the estimates of the United Nations the number of world refugeeshas reached from approximately:

- A. 22 million
- B. 32 million ✓ **Correct answer**
- C. 9.7 million
- D. 52 million

**A.** This was not the UN estimate in question.

stimate quoted in the paper put world refugees at about 32 million.

**C.** This was not the UN estimate in question.

**D.** This was not the UN estimate in question.

**Note:** Note: a dated UN estimate; the figure changes over time, so it is marked SINGLE-SOURCE.

## Question 33 General Knowledge

The religious and spiritual movement "Falun Gong" has recently emerged in:

- A. Japan
- B. China ✓ **Correct answer**
- C. Cuba
- D. Philippines

**A.** Falun Gong did not emerge in Japan.

**B.** Falun Gong emerged in China in the early 1990s.

**C.** The printed key, but wrong: Falun Gong did not emerge in Cuba.

**D.** Falun Gong did not emerge in the Philippines.

**Note:** Note: printed key C is WRONG; the answer is B.

## Question 34 General Knowledge

Which of the following countries is called "Land of Free People"

- A. Lebanon
- B. Australia
- C. Thailand ✓ **Correct answer**
- D. Japan

s not called the land of free people.

**B.** The printed key, but wrong: Australia is not called the land of free people.

**C.** Thailand's name means "land of the free", and it is called the land of free people.

**D.** Japan is not called the land of free people.

**Note:** Note: printed key B is WRONG; the answer is C.

## Question 35 General Knowledge

' Sharm -e-Sheikh' is the Egyptian Sea port on:

- A. Black Sea
- B. Red Sea ✓ **Correct answer**
- C. Mediterranean Sea
- D. Arabian Sea

**A.** Sharm el-Sheikh is not on the Black Sea.

**B.** Sharm el-Sheikh is on the Red Sea coast of Egypt (the Sinai Peninsula).

**C.** The printed key, but wrong: Sharm el-Sheikh is on the Red Sea, not the Mediterranean.

**D.** Sharm el-Sheikh is not on the Arabian Sea.

**Note:** Note: printed key C is WRONG; the answer is B.

## Question 36 General Knowledge

'NADRA' stands for

- A. North Atlantic Defence Related Agreement
- B. Navy Army Direction and Recruitment Authority
- C. National Database and Registration Authority ✓ **Correct answer**
- D. National Data Research Agency

ed key, but wrong. this is not what NADRA stands for.

**B.** This is not what NADRA stands for.

**C.** NADRA is the National Database and Registration Authority of Pakistan.

**D.** This is not what NADRA stands for.

**Note:** Note: printed key A is WRONG; the answer is C.

## Question 37 General Knowledge

The current Olympic champion of football is:

- A. Brazil ✓ **Correct answer**
- B. France
- C. Nigeria
- D. Cameroon

**A.** Brazil won the Olympic football gold at Rio 2016, and the paper's answer is Brazil.

**B.** France was not the Olympic football champion in question.

**C.** Nigeria won Olympic football gold in 1996, not the title in question.

**D.** Cameroon won Olympic football gold in 2000, not the title in question.

**Note:** Note: the page content is a composite updated beyond 2009; the answer follows the paper's keyed champion, Brazil (Rio 2016).

## Question 38 General Knowledge

Pakistan has recently been elected as a member of one of the following organs of United Nations:

- A. Security Council ✓ **Correct answer**
- B. Trusteeship Council

- D. None

**A.** Pakistan has been elected to the UN Security Council as a non-permanent member several times (most recently for 2025–26).

**B.** The Trusteeship Council is dormant; Pakistan was not elected to it.

**C.** Pakistan has served on ECOSOC, but the paper's answer is the Security Council.

**D.** A is correct, so "None" is wrong.

## Question 39 General Knowledge

"Ramallah" is the headquarter of Palestinian Authority situated at:

- A. West Bank ✓ **Correct answer**
- B. Geza Strip
- C. Tunis
- D. Jordan

**A.** Ramallah, the headquarters of the Palestinian Authority, is in the West Bank.

**B.** Gaza is not where Ramallah is.

**C.** Tunis is in Tunisia, not where Ramallah is.

**D.** Ramallah is not in Jordan.

## Question 40 General Knowledge

When did the system of Separate Electorate first introduced in Pakistan?

- A. 1956
- B. 1962
- C. 1973
- D. 1985 ✓ **Correct answer**

electorates existed earlier, but the system was reintroduced by Zia in 1985.

**B.** The 1962 Constitution did not introduce separate electorates in this sense.

**C.** The 1973 Constitution provided for joint electorates.

**D.** The separate electorate system was reintroduced in Pakistan in 1985 under General Zia-ul-Haq.

**Note:** Note: the question is about the reintroduction of separate electorates in Pakistan's modern history (1985).

## Question 41 General Knowledge

Senior citizens Day is observed every year throughout the world on:

- A. The first on October ✓ **Correct answer**
- B. The first of November
- C. The fifteenth of January
- D. The third of March

**A.** The International Day of Older Persons (Senior Citizens Day) is observed on 1 October every year.

**B.** Not the date of Senior Citizens Day.

**C.** Not the date of Senior Citizens Day.

**D.** Not the date of Senior Citizens Day.

## Question 42 General Knowledge

Pakistan's defence pending and debt repayments absorb its current expenditures of almost:

- A. 60%
- B. 70%

- ) ✓ Correct answer
- D. 90%

**A.** This was not the share quoted in the paper.

**B.** This was not the share quoted in the paper.

**C.** The paper quotes defence spending and debt repayments absorbing about 80% of current expenditure.

**D.** This was not the share quoted in the paper.

**Note:** Note: a dated fiscal share; the figure changes over time, so it is marked SINGLE-SOURCE.

## Question 43 General Knowledge

Strait of Bosporus' connects:

- A. Black Sea and Red Sea
- B. Black Sea and Sea of Marmara ✓ **Correct answer**
- C. Red Sea and Arabian Sea
- D. Mediterranean Sea and Arabian Sea

**A.** The Bosporus does not connect these seas.

**B.** The Bosporus connects the Black Sea with the Sea of Marmara.

**C.** The Bosporus does not connect these seas.

**D.** The Bosporus does not connect these seas.

## Question 44 General Knowledge

The infant mortality rate in Pakistan is approximately:

- A. 63 per thousand

- C. 93 per thousand
- D. 90 per thousand ✓ **Correct answer**

**A.** This was not the rate quoted in the paper.

**B.** This was not the rate quoted in the paper.

**C.** This was not the rate quoted in the paper.

**D.** The paper quotes Pakistan's infant mortality rate at about 90 per thousand.

**Note:** Note: a dated rate; the figure changes over time, so it is marked SINGLE-SOURCE.

## Question 45 General Knowledge

'Suez Canal' connects Mediterranean Sea and:

- A. Caspian Sea
- B. Black Sea
- C. Red Sea ✓ **Correct answer**
- D. South China Sea

**A.** The Suez Canal does not connect the Caspian Sea.

**B.** The Suez Canal does not connect the Black Sea.

**C.** The Suez Canal connects the Mediterranean Sea with the Red Sea.

**D.** The Suez Canal does not connect the South China Sea.

## Question 46 General Knowledge

Strait Malacca' separates:

- A. Malaysia and Thailand
- B. Mozambique and Madagascar

onesia and Malaysia ✓ **Correct answer**

- D. India and Sri Lanka

**A.** The Strait of Malacca does not separate Malaysia and Thailand.

**B.** The Mozambique Channel separates Mozambique and Madagascar, not the Strait of Malacca.

**C.** The Strait of Malacca separates the Malay Peninsula (Malaysia) from Sumatra (Indonesia).

**D.** The Palk Strait separates India and Sri Lanka, not the Strait of Malacca.

## Question 47 General Knowledge

The world's largest Nuclear Power station is situated in

- A. Ukraine
- B. Canada
- C. France
- D. Japan ✓ **Correct answer**

**A.** Ukraine's Zaporizhzhia plant is large, but the largest is Kashiwazaki-Kariwa in Japan.

**B.** The printed key, but wrong: Canada's Bruce plant is not the largest.

**C.** France's plants are not the largest.

**D.** The Kashiwazaki-Kariwa Nuclear Power Plant in Japan is the world's largest nuclear power station by capacity.

**Note:** Note: printed key B is WRONG; the answer is D.

## Question 48 Mathematics

In an examination, a student scores 4 marks for every correct answer and losses! mark

wrong answer. If he attempts in all 60 questions and secures 130 marks, the number of question the attempts correctly, is:

- A. 42
- B. 38 ✓ **Correct answer**
- C. 35
- D. 40

**A.** Wrong: 42 correct and 18 wrong would give 150 marks, not 130.

**B.** Let c be the correct answers: 4c − (60 − c) = 130 gives 5c = 190, so c = 38.

**C.** Wrong: 35 correct and 25 wrong would give 115 marks, not 130.

**D.** Wrong: 40 correct and 20 wrong would give 140 marks, not 130.

## Question 49 Mathematics

If x 10 and y = 0.1 which of the following is the greatest?

- A. $x^2+y^2$
- B. $x^2 - y^2$
- C. $x^2\times y^2$
- D. $x^2/ y^2$ ✓ **Correct answer**

**A.** With x = 10 and y = 0.1 this is 100.01, not the greatest.

**B.** With x = 10 and y = 0.1 this is 99.99, not the greatest.

**C.** With x = 10 and y = 0.1 this is 1, not the greatest.

**D.** With x = 10 and y = 0.1 this is 100 ÷ 0.01 = 10,000, the greatest.

## Question 50 Mathematics

If n is an integer between 20 and 80, then any of the following could be n + 7 except

- B. 58
- C. 84
- D. 88 ✓ **Correct answer**

**A.** Possible: n = 40 gives n + 7 = 47.

**B.** Possible: n = 51 gives n + 7 = 58.

**C.** Possible: n = 77 gives n + 7 = 84 (n = 77 is between 20 and 80).

**D.** Impossible: n + 7 = 88 would need n = 81, which is above 80.

## Question 51 Mathematics

If 2 tables and three chairs cost Rs. 3500 and 3 tables and 2 chairs cost Rs. 4000, then how much does a table cost"

- A. Rs.1000 ✓ **Correct answer**
- B. Rs.800
- C. Rs.750
- D. Rs.600

**A.** Let a table cost T and a chair C: 2T + 3C = 3,500 and 3T + 2C = 4,000; solving gives T = 1,000 and C = 500.

**B.** Wrong: it does not satisfy both equations.

**C.** Wrong: it does not satisfy both equations.

**D.** Wrong: it does not satisfy both equations.

## Question 52 Mathematics

In the following figure, ABCD is a rectangle in a horizontal plan E and F are vertically above D and C respectively.

0cm

- B. √250cm
- C. √300cm
- D. √350cm

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; the figure and dimensions the question needs are missing from the filed text)

**A.** Cannot be checked: the figure and dimensions are missing.

**B.** The printed key, but it cannot be checked: the figure and dimensions are missing.

**C.** Cannot be checked: the figure and dimensions are missing.

**D.** Cannot be checked: the figure and dimensions are missing. EVIDENCE: the stem refers to "the following figure" and to points E and F vertically above D and C, but no figure or dimensions are given in the filed text, so the length asked for cannot be worked out and no letter can be taught as the answer.

## Question 53 Mathematics

A wheel that has 6 cogs is meshed with a larger wheel of 14 cogs. When the smaller wheel has made 21 revolutions, the number of revolutions made by the larger whell will be:

- A. 12
- B. 49
- C. 9 ✓ **Correct answer**
- D. 4

**A.** Wrong: the larger wheel turns fewer times than the smaller one.

**B.** Wrong: the larger wheel turns fewer times, not more.

passing are the same: 6 × 21 = 126 teeth, and 126 ÷ 14 = 9 revolutions.

**D.** Wrong: it does not follow from 126 ÷ 14.

## Question 54 Mathematics

The total number of digits used in numbering the pages of a book having 366 pages is:

- A. 732
- B. 990 ✓ **Correct answer**
- C. 970
- D. 1000

**A.** Wrong: it does not follow from the page count.

**B.** Pages 1–9 use 9 digits, pages 10–99 use 180 digits, and pages 100–366 use 267 × 3 = 801 digits; 9 + 180 + 801 = 990.

**C.** Wrong: it does not follow from the page count.

**D.** Wrong: it does not follow from the page count.

## Question 55 Mathematics

A pineapple costs Rs.7 each. A watermelon costs Rs. 5 each. X spends Rs. 38 on those fruits The number of pineapples purchased is:

- A. 4 ✓ **Correct answer**
- B. 6
- C. 9
- D. 15

**A.** 4 pineapples cost Rs 28, leaving Rs 10 for 2 watermelons at Rs 5 each; the total is Rs 38.

**B.** Wrong: 6 pineapples alone cost Rs 42, more than Rs 38.

**C.** Wrong: 9 pineapples alone cost Rs 63, more than Rs 38.

s pineapples alone cost Rs 105, more than Rs 38.

## Question 56 Mathematics

In a political party of 36 members, the minimum number of members needed to split for disqualifying the original political party as per Anti-Defection Law should be

- A. 9
- B. 12 ✓ **Correct answer**
- C. 18
- D. 24

**A.** Wrong: 9 is a quarter of 36, not a third.

**B.** Under the anti-defection rule, a split needs at least one-third of the party's members: one-third of 36 is 12.

**C.** Wrong: 18 is a half of 36, not a third.

**D.** Wrong: 24 is two-thirds of 36, not a third.

## Question 57 Mathematics

Seen through mirror, the arms of clock show 9.30. What is the actual time?

- A. 2.30 ✓ **Correct answer**
- B. 3.30
- C. 6.30
- D. 6.19

**A.** Mirror time = 12:00 − shown time (for a 12-hour clock): 12:00 − 9:30 = 2:30.

**B.** The printed key, but wrong: the mirror-image rule gives 2:30, not 3:30.

**C.** Wrong: it does not follow from the mirror-image rule.

**D.** Wrong: it does not follow from the mirror-image rule.

## Question 58 Mathematics

If a block of gold weighing 100 gm in air is Immersed in water with a string tied to a spring balance, What could be the probable weights indicated by the spring balance?

- A. Less than 100 gm ✓ **Correct answer**
- B. Equal to 200 gm
- C. More than 100 gm
- D. Double of 100 gm

**A.** Immersed in water, the block is buoyed up by the displaced water, so the spring balance reads less than its weight in air.

**B.** Wrong: immersion cannot double the reading.

**C.** Wrong: buoyancy reduces the reading, not increases it.

**D.** Wrong: immersion cannot double the reading.

## Question 59 Mathematics

The average age of cricket team reduces by 2 when senior players age 32 and 30 are replaced by 2 youngsters of equal age. What is the age of this players?

- A. 20 ✓ **Correct answer**
- B. 22
- C. 24
- D. 26

**A.** The average of 11 players falls by 2, so the total age falls by 22; the two seniors total 62, so the two youngsters total 62 − 22 = 40, each 20.

**B.** Wrong: it does not follow from the total age change.

d key, but wrong: two youngsters of 24 would total 48, a drop of only 14.

**D.** Wrong: it does not follow from the total age change.

**Note:** Note: printed key C is WRONG; the answer is A.

## Question 60 Mathematics

A printer numbers the pages of a book starting with 1 and uses 3189 digits in all. How many pages does the book have?

- A. 900
- B. 990
- C. 1074 ✓ **Correct answer**
- D. 1125

**A.** Wrong: 900 pages would use only 2,589 digits.

**B.** Wrong: 990 pages would use 2,862 digits.

**C.** Pages 1–9 use 9 digits, 10–99 use 180, and 100–999 use 2,700 — 2,889 in all; the remaining 300 digits give 75 four-digit pages, so the book has 999 + 75 = 1,074 pages.

**D.** Wrong: 1,125 pages would use 3,393 digits.

## Question 61 Mathematics

Imran got two and a half times as many marks in English as in History. If his total marks in the two subjects are 140, the marks obtained by him in English are:

- A. 45
- B. 55
- C. 85
- D. 100 ✓ **Correct answer**

**A.** Wrong: it does not satisfy the 2.5-to-1 ratio.

does not satisfy the 2.5-to-1 ratio.

**C.** Wrong: it does not satisfy the 2.5-to-1 ratio.

**D.** Let History be H: English is 2.5H, and 3.5H = 140 gives H = 40, so English is 100.

## Question 62 Mathematics

A box contains 20 balls of which 8 are green, 7 are white and 5 are red. What is the minimum number of balls to be picked up without replacement to make sure that at least one ball of each colour is draw?

- A. 11
- B. 13
- C. 14
- D. 16 ✓ **Correct answer**

**A.** Wrong: one could pick all 8 green and 3 white and still have no red.

**B.** Wrong: one could pick all 8 green and 5 red and still have no white.

**C.** Wrong: one could pick all 8 green and 6 white and still have no red.

**D.** In the worst case one picks all 8 green and all 7 white (15 balls) with no red; the 16th ball must be red, guaranteeing one of each colour.

## Question 63 Mathematics

A person walks 10 km north from a point, then the moves 20km. South and subsequently he 20 km north. He again turns 20 km south and then moves 10 km east. How far is he from the starting point?

- A. 10 km
- B. 20 km
- C. 39 km
- D. None ✓ **Correct answer**

e displacement is not 10 km.

**B.** Wrong: the displacement is not 20 km.

**C.** The printed key, but wrong: the north–south movements cancel to 10 km south, not 39 km.

**D.** Net movement is 10 km south and 10 km east, so the displacement is $\sqrt{(10^2 + 10^2)} = 10\sqrt{2}$ km, about 14.14 km, which is not among the options.

**Note:** Note: printed key C is WRONG; the answer is D.

## Question 64 Mathematics

If A + B = 96 and A is half of B, then the value of B will be

- A. 22
- B. 32
- C. 48
- D. 64 ✓ **Correct answer**

**A.** Wrong: it does not satisfy A + B = 96 with A = B/2.

**B.** Wrong: it does not satisfy A + B = 96 with A = B/2.

**C.** Wrong: if B were 48, A would be 24 and the sum would be 72.

**D.** A = B/2 and A + B = 96 give 3B/2 = 96, so B = 64.

## Question 65 Mathematics

Along of yard 225 meters long, 26 trees are planted at equal distances, One tree being at each end of the yard. What is the distance between two consecutive trees?

- A. 3 meters
- B. 9 meters ✓ **Correct answer**
- C. 12 meters

**A.** Wrong: 26 trees would need 75 gaps at 3 m.

**B.** 26 trees make 25 gaps, and 225 ÷ 25 = 9 metres between consecutive trees.

**C.** Wrong: 25 gaps at 12 m would be 300 m.

**D.** Wrong: 25 gaps at 15 m would be 375 m.

## Question 66 Mathematics

Ali is now half of his father's age after 20 years, his father will be one and half times older than Ali, The presence age of Ali is

- A. 15
- B. 20 ✓ **Correct answer**
- C. 25
- D. 40

**A.** Wrong: if Ali were 15, his father would be 30, and after 20 years 50 is not 1.5 × 35.

**B.** Ali is 20 and his father 40; after 20 years they are 40 and 60, and 60 is 1.5 × 40.

**C.** Wrong: it does not satisfy the condition after 20 years.

**D.** Wrong: if Ali were 40, his father would be 80, and after 20 years 100 is not 1.5 × 60.

## Question 67 Mathematics

Cyclist A starts down a road at a speed of 15 km/hour. Cyclist B starts 20 minutes later from the same spot at a speed of 20 km/hour. B will overtake A after

- A. 1 hour ✓ **Correct answer**
- B. 1/1/2 hours
- C. 2 hours
- D. 2/1/2 hours

utes A covers 5 km, B gains on A at 20 − 15 = 5 km/h, so B catches A after 5 ÷ 5 = 1 hour.

**B.** Wrong: it does not follow from the 5 km head start and 5 km/h gain.

**C.** Wrong: it does not follow from the 5 km head start and 5 km/h gain.

**D.** Wrong: it does not follow from the 5 km head start and 5 km/h gain.

## Question 68 Everyday Science

When a gas is compressed:

- A. Its temperature decreases
- B. Its temperature remains the same
- C. The internal energy of gas increases and Thus the kinetic energy and hence absolute temperature increases ✓ **Correct answer**
- D. None

**A.** Wrong: compressing a gas does work on it, raising its temperature.

**B.** Wrong: compression raises the internal energy and temperature.

**C.** Work done in compressing the gas increases its internal energy and temperature.

**D.** C is correct, so "None" is wrong.

## Question 69 Everyday Science

A bed emitter of radiation is a bad absorber:

- A. True ✓ **Correct answer**
- B. False
- C. Uncertain
- D. None

**A.** By Kirchhoff's law, a good absorber is a good emitter, so a bad emitter is also a bad

**B.** Wrong: it contradicts Kirchhoff's law.

**C.** Wrong: the law is definite.

**D.** A is correct, so "None" is wrong.

## Question 70 Everyday Science

"What is the unit of measuring the energy requirements of human body?

- A. Erg
- B. Joule
- C. Kilowatt
- D. Calorie ✓ **Correct answer**

**A.** The erg is a unit of energy, but not the unit used for the body's energy requirements.

**B.** The joule is the SI unit of energy, but the body's energy requirements are measured in calories.

**C.** The kilowatt is a unit of power, not energy.

**D.** The energy requirements of the human body are measured in calories (kilocalories).

## Question 71 Everyday Science

Energy radiated into vacuum per second per square centimetre per unit range of wavelength is known as:

- A. Absorptive power
- B. Emissive power ✓ **Correct answer**
- C. Radiating power
- D. None

**A.** Absorptive power is about energy absorbed, not emitted.

power is the energy radiated per second per unit area per unit wavelength range.

**C.** This is not the standard name for the quantity defined.

**D.** B is correct, so "None" is wrong.

## Question 72 Everyday Science

The wavelength corresponding to the maximum energy is inversely proportional to the absolute temperature is a statement of:

- A. Kirchhoff's law
- B. Stefan's law
- C. Wien's law ✓ **Correct answer**
- D. None

**A.** Kirchhoff's law is about absorption and emission, not the peak wavelength.

**B.** Stefan's law relates total radiated energy to temperature, not the peak wavelength.

**C.** Wien's displacement law says the wavelength of maximum emission is inversely proportional to the absolute temperature.

**D.** C is correct, so "None" is wrong.

## Question 73 Everyday Science

The essence of the Kirchhoff's law is that:

- A. A good absorber must be a bad radiator
- B. A good absorber must be a good radiator ✓ **Correct answer**
- C. A good absorber must be a good conductor
- D. All are true

**A.** Wrong: Kirchhoff's law says the opposite.

s law: a body that absorbs well at a wavelength also emits well at that wavelength.

**C.** Wrong: the law is about radiation, not conduction.

**D.** Wrong: A and C are false.

## Question 74 Everyday Science

Thermal resistance is equal to the:

- A. Thermal conductivity
- B. Square of the thermal conductivity
- C. Reciprocal of the thermal conductivity ✓ **Correct answer**
- D. Square root of the thermal conductivity

**A.** Wrong: resistance is the reciprocal, not the conductivity itself.

**B.** Wrong: no square is involved.

**C.** Thermal resistance is the reciprocal of thermal conductivity (for unit thickness).

**D.** Wrong: no square root is involved.

## Question 75 Everyday Science

Off the following human bones, which one is the arm:

- A. Radius ✓ **Correct answer**
- B. Semum
- C. Femur
- D. Patella

**A.** The radius is a bone of the forearm.

**B.** "Semum" is a garbled name (sternum, the chest bone), not an arm bone.

is the thigh bone, in the leg.

**D.** The patella is the kneecap, in the leg.

## Question 76 Everyday Science

The ratio of universal gas Constant and Avogadro's number is called:

- A. Boltzmanns constant ✓ **Correct answer**
- B. Equilibrium Constant
- C. Velocity Constant
- D. None

**A.** The Boltzmann constant k is the universal gas constant R divided by Avogadro's number.

**B.** This is a chemical equilibrium quantity, not R divided by Avogadro's number.

**C.** This is not R divided by Avogadro's number.

**D.** A is correct, so "None" is wrong.

## Question 77 Everyday Science

Of the following human organs, tell which one is least susceptible to harmful radiations:

- A. Brain ✓ **Correct answer**
- B. Lungs
- C. Eyes
- D. Heat

**A.** The brain is relatively radioresistant compared with the other organs listed, so it is the least susceptible.

**B.** The lungs are more susceptible to radiation damage than the brain.

**C.** The lens of the eye is very sensitive to radiation.

# Question 78 Pakistan Studies

First constituent assembly is brougth into existence by Ayub Khan

- A. 1966
- B. 1967
- C. 1968
- D. 1969

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; the stem is incoherent — the first Constituent Assembly was not brought into existence by Ayub Khan)

**A.** The printed key, but the stem is incoherent: the first Constituent Assembly was formed in 1947, not by Ayub Khan, and no year fits the claim.

**B.** Wrong: no year fits the incoherent stem.

**C.** Wrong: no year fits the incoherent stem.

**D.** Wrong: no year fits the incoherent stem. EVIDENCE: Pakistan's first Constituent Assembly was established in 1947 under the Indian Independence Act; Ayub Khan came to power in 1958, so the claim that Ayub Khan brought the first Constituent Assembly into existence is false, and no letter can be taught as the answer.

# Question 79 Pakistan Studies

Tashqant Treaty was signed between Pakistan and India

- A. 10th January 1966 ✓ **Correct answer**
- B. 10th January 1967
- C. 10th January 1968

n January 1969

**A.** The Tashkent Declaration was signed on 10 January 1966.

**B.** Not the date of the Tashkent Declaration.

**C.** Not the date of the Tashkent Declaration.

**D.** Not the date of the Tashkent Declaration.

## Question 80 Pakistan Studies

Completion of construction of Islamabad

- A. 1966
- B. 1967 ✓ **Correct answer**
- C. 1968
- D. 1969

**A.** Not the year Islamabad's construction was completed.

**B.** Islamabad was formally completed and the capital moved there in 1967.

**C.** Not the year Islamabad's construction was completed.

**D.** Not the year Islamabad's construction was completed.

## Question 81 Pakistan Studies

Sheikh Mujeeb-ur-Rahman introduced his six points

- A. 1966 ✓ **Correct answer**
- B. 1967
- C. 1968
- D. 1969

**A.** Sheikh Mujibur Rahman presented his Six Points in 1966.

ear of the Six Points.

**C.** Not the year of the Six Points.

**D.** Not the year of the Six Points.

## Question 82 Pakistan Studies

P.D.M. (Pakistan Democratic Movement) was established

- A. 1966
- B. 1967 ✓ **Correct answer**
- C. 1968
- D. 1969

**A.** The printed key, but wrong: the PDM was not established in 1966.

**B.** The Pakistan Democratic Movement was formed in 1967.

**C.** Not the year the PDM was established.

**D.** Not the year the PDM was established.

**Note:** Note: printed key A is WRONG; the answer is B.

## Question 83 Pakistan Studies

Pakistan people's party was termed by Z.A. Bhutto

- A. 1966
- B. 1967 ✓ **Correct answer**
- C. 1968
- D. 1969

**A.** Not the year the PPP was founded.

**B.** Zulfikar Ali Bhutto founded the Pakistan People's Party in 1967.

**D.** Not the year the PPP was founded.

## Question 84 Pakistan Studies

Ayub Khan stepped down under mounting public pressure

- A. 1966
- B. 1967
- C. 1968
- D. 1969 ✓ **Correct answer**

**A.** Not the year Ayub Khan stepped down.

**B.** Not the year Ayub Khan stepped down.

**C.** Not the year Ayub Khan stepped down.

**D.** Ayub Khan resigned in March 1969 under public pressure.

## Question 85 Pakistan Studies

Second Martial Law was imposed by General Yahya Khan

- A. 1966
- B. 1967
- C. 1968
- D. 1969 ✓ **Correct answer**

**A.** Not the year of the second martial law.

**B.** Not the year of the second martial law.

**C.** Not the year of the second martial law.

**D.** General Yahya Khan imposed the second martial law in March 1969.

Iskander Mirza died and buried in Tehran (Iran) in

- A. 1966
- B. 1967
- C. 1968
- D. 1969 ✓ **Correct answer**

**A.** Not the year Iskandar Mirza died.

**B.** Not the year Iskandar Mirza died.

**C.** Not the year Iskandar Mirza died.

**D.** Iskandar Mirza died in Tehran in November 1969.

## Question 87 Islamiat

Which book is called old testament?

- A. Zuboor
- B. Torait ✓ **Correct answer**
- C. Injeel
- D. Quran

**A.** The Zabur (Psalms) is not called the Old Testament.

**B.** The Torah (Torait) is the Old Testament.

**C.** The Injeel (Gospel) is the New Testament, not the Old Testament.

**D.** The Quran is not the Old Testament.

## Question 88 Islamiat

What was the total number of idols which were fixed around the Kaaba?

- B. 360 ✓ **Correct answer**
- C. 460
- D. 560

**A.** Not the number of idols around the Kaaba.

**B.** There were 360 idols around the Kaaba at the time of the conquest of Makkah.

**C.** Not the number of idols around the Kaaba.

**D.** Not the number of idols around the Kaaba.

## Question 89 Islamiat

Hazrat Muhammad (PBUH) was born about three thousand years, after:

- A. Hazrat Ismaeel (A.S)
- B. Hazrat Ibraheem (A.S) ✓ **Correct answer**
- C. Hazrat Moosa (A.S)
- D. Hazrat Esssaa (A.S)

**A.** Ismaeel was the son of Ibrahim, not the figure the paper uses.

**B.** The traditional reckoning places the Prophet's birth about three thousand years after Ibrahim.

**C.** Moosa lived after Ibrahim, not the figure the paper uses.

**D.** Isa lived after Ibrahim, not the figure the paper uses.

**Note:** Note: an approximate traditional figure, not a historically dated interval; marked SINGLE-SOURCE.

90 Islamiat

Who suggested name "Ahmed" for the Holy Prophet (PBUH)?

- A. Hazrat Abdul Muttalib
- B. Hazrat Abu Talib
- C. Hazrat Abdullah
- D. His mother Amna ✓ **Correct answer**

**A.** Abdul Muttalib named the Prophet Muhammad, not Ahmed.

**B.** Abu Talib did not suggest the name Ahmed.

**C.** Abdullah, the Prophet's father, had died before the birth.

**D.** The Prophet's mother Amina is credited with the name Ahmed.

## Question 91 Islamiat

When Hazrat Umar RA embraced Islam?

- A. 600 A.D
- B. 608 A.D
- C. 612 A.D
- D. 616 A.D ✓ **Correct answer**

**A.** Not the year Umar embraced Islam.

**B.** Not the year Umar embraced Islam.

**C.** Not the year Umar embraced Islam.

**D.** Umar (RA) embraced Islam in 616 AD (6 years after the first revelation).

## Question 92 Islamiat

Zou-Shadatian is title of Hazrat:

zima bin Sabit (R.A) ✓ **Correct answer**

- B. Huzaifa bin Yaman (R.A)
- C. Ammar bin Yasir (R.A)
- D. Ahmad bin Hanbal

**A.** Khuzayma ibn Thabit was called Dhul-Shahadatain (filed "Zou-Shadatian"), the possessor of two testimonies.

**B.** Hudhayfa did not hold this title.

**C.** Ammar did not hold this title.

**D.** Ahmad ibn Hanbal was a later scholar, not a companion with this title.

## Question 93 Islamiat

Which country is known as the "Land Prophet"?

- A. Iraq
- B. Saudi Arabia
- C. Palestine ✓ **Correct answer**
- D. Syria

**A.** Iraq is not called the land of the Prophet.

**B.** Saudi Arabia is the land of the Prophet's birth and mission, but the paper's answer is Palestine.

**C.** Palestine is called the land of the prophets.

**D.** Syria is not called the land of the Prophet.

## Question 94 Islamiat

What is Tahleel?

- A. Recitation of 4th kalima

- C. Recitation of 2nd kalima
- D. Recitation of 1st kalima ✓ **Correct answer**

**A.** The 4th kalima is Tauheed, not Tahleel.

**B.** The 3rd kalima is Tamjeed, not Tahleel.

**C.** The 2nd kalima is Shahadat, not Tahleel.

**D.** Tahleel is the recitation of the first kalima (La ilaha illallah).

## Question 95 Islamiat

Name the 8th months of Islamic calendar,

- A. Rabi- ul-Awal
- B. Rajab
- C. Ramzan
- D. Shaban ✓ **Correct answer**

**A.** Rabi-ul-Awwal is the 3rd month.

**B.** Rajab is the 7th month.

**C.** Ramzan is the 9th month.

**D.** Shaban is the 8th month of the Islamic calendar.

## Question 96 Islamiat

Splitting of the moon occurred in:

- A. Arafat
- B. Mina ✓ **Correct answer**
- C. Muzdalifa
- D. Harm e Pak

ng of the moon is not associated with Arafat.

**B.** The splitting of the moon is traditionally placed at Mina.

**C.** The splitting of the moon is not associated with Muzdalifah.

**D.** The splitting of the moon is not associated with the Haram.

## Question 97 English

Their attempt to get back the stolen necklace was a wild goose chase.

- A. wise decision
- B. useless search ✓ **Correct answer**
- C. timely action
- D. delayed action

**A.** A wild goose chase is the opposite of wise.

**B.** "A wild goose chase" is a futile, useless search.

**C.** This is not the idiom's meaning.

**D.** This is not the idiom's meaning.

## Question 98 General Knowledge

'Seattle' is a seaport of:

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

**A.** Seattle is not in Germany.

**B.** Seattle is a seaport in Washington State, USA.

not in Britain.

**D.** Seattle is not in France.

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