FPSC Assistant Director in Interior Ministry | BS-17 — GUESS PAPER 2027 (Set 1 of 2) · Predicted Questions

Body: Federal Public Service Commission (FPSC) · **Post:** Assistant Director in Interior Ministry | BS-17 · **Set:** 1 of 2 · **Questions:** 100 predicted — 0 repeated questions, 48 verified facts predicted to recur, 52 syllabus anchors · **Price:** Free

GUESS PAPER — predicted questions for the upcoming exam, NOT a past paper. Every question below is a prediction: it is here because the same question, the same fact, or the same topic appeared in verified FPSC Assistant Director in Interior Ministry | BS-17 past papers. **No pass guarantee.** A guess paper raises the odds; it does not promise a result. Answers are the best-supported answers, not exam keys.
[C]-HEAVY PAPER — thin verified pool. 52 of the 100 questions below are syllabus anchors on this post's recurring topics, because the verified archive for this post holds only 96 items. Those questions are flagged [C] on every one of them: they are predictions about the syllabus, not verified facts. Study the topic, not just the answer.

> **How to use this paper:** study the basis under each question, not just the answer — the real paper will ask the same topics in different words. Revise the underlying topic, not only the four options. Do not quote any item as "asked in the 2027 exam" — nothing here has been asked yet.

Question 1 English

What does the idiom 'to burn one's fingers' mean?

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

have a bad result from something ✓ **Predicted answer**

Why this answer? "To burn one's fingers" means to suffer the bad consequences of something one has done.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q1 (idiom 'to burn one's fingers' — to suffer a bad result from something)

Question 2 English

What is meant by the idiom 'to end in smoke'?

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

Why this answer? "To end in smoke" means to come to nothing, to produce no practical result.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q2 (idiom 'to end in smoke' — to come to nothing, no practical result)

Question 3 English

A trusted friend who turns out to be 'a snake in the grass' is what kind of person?

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

Why this answer? "A snake in the grass" is a secret or hidden enemy, someone who seems friendly but is treacherous.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q3 (idiom 'a

grass — a hidden enemy)

Question 4 English

What does 'on tenterhooks' mean?

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

Why this answer? "On tenterhooks" means in a state of anxious suspense, waiting for news.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q4 (idiom 'on tenterhooks' — anxious suspense)

Question 5 English

What do 'hole and corner' methods mean?

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

Why this answer? "Hole and corner" means secret, underhand, done in a hidden way.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q5 (idiom 'hole and corner' — secret, underhand)

Question 6 English

If a firm 'steals a march' on its competitors, what has it done?

- A. Outshine ✓ **Predicted answer**

- C. challenge
- D. resist

Why this answer? "To steal a march on" someone means to get ahead of them, to outdo them.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q6 (idiom 'to steal a march on' — to get ahead, outshine)

Question 7 English

What does it mean to be 'in a brown study'?

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

Why this answer? "A brown study" means a state of deep thought or absent-minded reverie, lost in one's own thoughts.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q7 (idiom 'a brown study' — deep thought, absent-minded)

Question 8 English

The phrase 'to take someone to task' means what?

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

Why this answer? "To take someone to task" means to reprimand them, to scold them for

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q8 (idiom 'to take someone to task' — to reprimand)

Question 9 English

To 'fight tooth and nail' for one's rights means to fight how?

- A. With all their mights ✓ **Predicted answer**
- B. With all the rights
- C. Without any weapon
- D. with great reluctance

Why this answer? "To fight tooth and nail" means to fight with all one's might, fiercely.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q9 (idiom 'to fight tooth and nail' — with all one's might)

Question 10 English

What does the idiom 'to bite the dust' mean?

- A. To eat greedily
- B. To work hard in the fields
- C. To be defeated ✓ **Predicted answer**
- D. To hide in shame

Why this answer? 'To bite the dust' means to be defeated or to fail.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: idioms recur in every sitting of this post.

Question 11 English

Choose the correct synonym of 'Abandon'.

- B. Cherish
- C. Forsake ✓ **Predicted answer**
- D. Adopt

Why this answer? 'Abandon' means to leave or give up, so its synonym is 'forsake'.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: synonyms recur in every sitting of this post.

Question 12 English

Choose the correct antonym of 'Ancient'.

- A. Old
- B. Antique
- C. Aged
- D. Modern ✓ **Predicted answer**

Why this answer? 'Ancient' means very old, so its antonym is 'modern'.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: antonyms recur in every sitting of this post.

Question 13 English

Which of the following is the correct spelling?

- A. Occurance
- B. Occurrance
- C. Ocurrence
- D. Occurrence ✓ **Predicted answer**

Why this answer? 'Occurrence' is the correct spelling, with double 'c' and double 'r'.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: spelling recurs in every

Question 14 English

Fill in the blank: He is good ___ mathematics.

- A. in
- B. on
- C. at ✓ **Predicted answer**
- D. for

Why this answer? The correct preposition is 'at': he is good at mathematics.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: prepositions recur in every sitting of this post.

Question 15 English

What does the idiom 'a blessing in disguise' mean?

- A. A good thing that at first seemed bad ✓ **Predicted answer**
- B. A gift given secretly
- C. A prayer answered at once
- D. A hidden treasure

Why this answer? 'A blessing in disguise' is a good thing that at first seemed bad.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: idioms recur in every sitting of this post.

Question 16 English

Choose the correct passive voice of 'She writes a letter'.

- A. A letter was written by her
- B. A letter is being written by her

tter is written by her ✓ **Predicted answer**

- D. A letter has been written by her

Why this answer? The present simple passive of 'she writes a letter' is 'a letter is written by her'.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: active and passive voice recur in every sitting of this post.

Question 17 English

One who can use both hands equally well is called:

- A. Versatile
- B. Ambidextrous ✓ **Predicted answer**
- C. Ambiguous
- D. Dexterous

Why this answer? A person who can use both hands equally well is ambidextrous.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: one-word substitution recurs in every sitting of this post.

Question 18 English

Choose the correct synonym of 'Brave'.

- A. Cowardly
- B. Courageous ✓ **Predicted answer**
- C. Timid
- D. Fearful

Why this answer? 'Brave' means showing courage, so its synonym is 'courageous'.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: synonyms recur in every sitting of this post.

19 General Knowledge

Which word best completes the sentence: 'The cell was ___ first and named by Robert Hooke in 1665'?

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

Why this answer? Robert Hooke discovered cells in 1665 and named them.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q17 (Robert Hooke discovered the cell in 1665)

Question 20 General Knowledge

Rainfall that suits the season best helps to increase which part of agriculture?

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

Why this answer? Rainfall that helps agriculture increases agricultural output.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q18 (seasonal rainfall augments agricultural output)

Question 21 General Knowledge

What does OGRA regulate in Pakistan?

- A. Show biz
- B. Oil and Gas ✓ **Predicted answer**
- C. Stock exchange

Why this answer? OGRA is the Oil and Gas Regulatory Authority of Pakistan.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q21 (OGRA is the Oil and Gas Regulatory Authority)

Question 22 General Knowledge

What does the wheel commonly symbolise?

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

Why this answer? The wheel is a symbol of progress and movement forward.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q29 (the wheel is a symbol of progress)

Question 23 General Knowledge

In which country does Stonehenge stand?

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

Why this answer? Stonehenge is in Wiltshire, England.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q30 (Stonehenge is in England)

24 General Knowledge

In which two countries do the largest Kurdish populations mainly live?

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

Why this answer? The largest Kurdish populations live in Turkey and Iraq (with Iran and Syria).

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q31 (largest Kurdish populations live in Turkey and Iraq)

Question 25 General Knowledge

In which country did the Falun Gong movement emerge?

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

Why this answer? Falun Gong emerged in China in the early 1990s.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q33 (Falun Gong emerged in China)

Question 26 General Knowledge

Which country is called the 'Land of Free People'?

- A. Lebanon
- B. Australia
- C. Thailand ✓ **Predicted answer**

Why this answer? Thailand's name means 'land of the free', and it is called the land of free people.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q34 (Thailand is called the land of free people)

Question 27 General Knowledge

Sharm el-Sheikh, the Egyptian seaport, stands on which sea?

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

Why this answer? Sharm el-Sheikh is on the Red Sea coast of Egypt (the Sinai Peninsula).

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q35 (Sharm el-Sheikh is on the Red Sea)

Question 28 General Knowledge

What does the abbreviation NADRA stand for?

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

Why this answer? NADRA is the National Database and Registration Authority of Pakistan.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q36 (NADRA is the National Database and Registration Authority)

29 General Knowledge

Which is the largest planet in our solar system?

- A. Saturn
- B. Neptune
- C. Jupiter ✓ **Predicted answer**
- D. Mars

Why this answer? Jupiter is the largest planet in our solar system.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: the solar system recurs in every sitting of this post.

Question 30 General Knowledge

Which is the longest river in the world?

- A. Amazon
- B. Nile ✓ **Predicted answer**
- C. Yangtze
- D. Mississippi

Why this answer? The Nile is the longest river in the world.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world rivers recur in every sitting of this post.

Question 31 General Knowledge

Which country is the largest by area?

- A. Canada
- B. China
- C. Russia ✓ **Predicted answer**
- D. USA

swer? Russia is the largest country in the world by area.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world geography recurs in every sitting of this post.

Question 32 General Knowledge

What is the capital of Australia?

- A. Sydney
- B. Canberra ✓ **Predicted answer**
- C. Melbourne
- D. Perth

Why this answer? Canberra is the capital of Australia.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world capitals recur in every sitting of this post.

Question 33 General Knowledge

Which gas do plants absorb from the atmosphere?

- A. Oxygen
- B. Nitrogen
- C. Hydrogen
- D. Carbon dioxide ✓ **Predicted answer**

Why this answer? Plants absorb carbon dioxide from the atmosphere for photosynthesis.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: general science recurs in every sitting of this post.

Question 34 General Knowledge

Which is the smallest continent?

- B. Australia ✓ **Predicted answer**
- C. Antarctica
- D. South America

Why this answer? Australia is the smallest continent.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world geography recurs in every sitting of this post.

Question 35 General Knowledge

Which ocean is the largest?

- A. Pacific Ocean ✓ **Predicted answer**
- B. Atlantic Ocean
- C. Indian Ocean
- D. Arctic Ocean

Why this answer? The Pacific Ocean is the largest ocean on Earth.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world geography recurs in every sitting of this post.

Question 36 General Knowledge

Who wrote the play 'Romeo and Juliet'?

- A. Charles Dickens
- B. John Milton
- C. George Bernard Shaw
- D. William Shakespeare ✓ **Predicted answer**

Why this answer? 'Romeo and Juliet' was written by William Shakespeare.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: famous

r in every sitting of this post.

Question 37 General Knowledge

Which metal is liquid at room temperature?

- A. Iron
- B. Copper
- C. Aluminium
- D. Mercury ✓ **Predicted answer**

Why this answer? Mercury is a metal that is liquid at room temperature.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: general science recurs in every sitting of this post.

Question 38 General Knowledge

What is the currency of Japan?

- A. Won
- B. Yen ✓ **Predicted answer**
- C. Yuan
- D. Ringgit

Why this answer? The currency of Japan is the yen.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world currencies recur in every sitting of this post.

Question 39 General Knowledge

Which organ of the human body pumps blood?

- A. Liver
- B. Heart ✓ **Predicted answer**

- D. Kidney

Why this answer? The heart pumps blood around the human body.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: the human body recurs in every sitting of this post.

Question 40 General Knowledge

In which year did Pakistan join the United Nations?

- A. 1948
- B. 1947 ✓ **Predicted answer**
- C. 1949
- D. 1950

Why this answer? Pakistan joined the United Nations on 30 September 1947.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: Pakistan and international bodies recur in every sitting of this post.

Question 41 General Knowledge

Which is the national animal of Pakistan?

- A. Snow leopard
- B. Markhor ✓ **Predicted answer**
- C. Lion
- D. Tiger

Why this answer? The markhor is the national animal of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: national symbols of Pakistan recur in every sitting of this post.

42 General Knowledge

Which desert is the largest hot desert in the world?

- A. Sahara ✓ **Predicted answer**
- B. Gobi
- C. Kalahari
- D. Thar

Why this answer? The Sahara is the largest hot desert in the world.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world geography recurs in every sitting of this post.

Question 43 Pakistan Studies

Who wrote 'A Short History of the Saracens'?

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

Why this answer? Syed Ameer Ali wrote A Short History of the Saracens.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q22 (Syed Ameer Ali wrote A Short History of the Saracens)

Question 44 Pakistan Studies

Why is the year 1905 important in the history of the Indo-Pak subcontinent?

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

swer? The Partition of Bengal took place in 1905.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q23 (Partition of Bengal took place in 1905)

Question 45 Pakistan Studies

In which year did the Second World War begin?

- A. 1938
- B. 1940
- C. 1939 ✓ **Predicted answer**
- D. 1941

Why this answer? World War II began in September 1939.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q24 (World War II began in September 1939)

Question 46 Pakistan Studies

Which Muslim dignitary of the subcontinent died on 21 April 1938?

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

Why this answer? Allama Iqbal died on 21 April 1938.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q25 (Allama Iqbal died on 21 April 1938)

Question 47 Pakistan Studies

Who was the Prime Minister of England at the time of Partition in August 1947?

ment Attlee ✓ **Predicted answer**

- B. Winston Churchill
- C. Woodrow Wilson
- D. None

Why this answer? Clement Attlee was the British Prime Minister at the time of partition in August 1947.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q26 (Clement Attlee was British Prime Minister at Partition)

Question 48 Pakistan Studies

Name Pakistan's first Finance Minister.

- A. Jogendra Nath Mandal
- B. Malik Ghulam Mohammed ✓ **Predicted answer**
- C. Liaquat Ali Khan
- D. Ch. Muhammad Ali

Why this answer? Malik Ghulam Muhammad was Pakistan's first Finance Minister.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q27 (Malik Ghulam Muhammad was Pakistan's first Finance Minister)

Question 49 Pakistan Studies

Who succeeded Quaid-e-Azam as Governor-General of Pakistan?

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

Why this answer? Khawaja Nazimuddin succeeded Quaid-e-Azam Muhammad Ali Jinnah

General in 1948.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q28 (Khawaja Nazimuddin succeeded Jinnah as Governor-General in 1948)

Question 50 Pakistan Studies

On what date was the Tashkent Declaration signed between Pakistan and India?

- A. 10th January 1967
- B. 10th January 1966 ✓ **Predicted answer**
- C. 10th January 1968
- D. 10th January 1969

Why this answer? The Tashkent Declaration was signed on 10 January 1966.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q79 (Tashkent Declaration signed on 10 January 1966)

Question 51 Pakistan Studies

When was the Lahore Resolution passed?

- A. 23 March 1941
- B. 23 March 1940 ✓ **Predicted answer**
- C. 14 August 1940
- D. 23 March 1939

Why this answer? The Lahore Resolution was passed on 23 March 1940.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: the independence movement recurs in every sitting of this post.

Question 52 Pakistan Studies

Who presented the Lahore Resolution in 1940?

- B. Chaudhry Khaliquzzaman
- C. Sir Syed Ahmed Khan
- D. A.K. Fazlul Haq ✓ **Predicted answer**

Why this answer? The Lahore Resolution was presented by A.K. Fazlul Haq.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: the independence movement recurs in every sitting of this post.

Question 53 Pakistan Studies

When was the Objective Resolution passed?

- A. March 1948
- B. March 1950
- C. March 1949 ✓ **Predicted answer**
- D. August 1947

Why this answer? The Objective Resolution was passed in March 1949.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: constitutional history recurs in every sitting of this post.

Question 54 Pakistan Studies

In which year was Pakistan's first constitution enforced?

- A. 1954
- B. 1958
- C. 1956 ✓ **Predicted answer**
- D. 1962

Why this answer? Pakistan's first constitution was enforced in 1956.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: constitutional

's in every sitting of this post.

Question 55 Pakistan Studies

Who was the first Governor-General of Pakistan?

- A. Khawaja Nazimuddin
- B. Liaquat Ali Khan
- C. Muhammad Ali Jinnah ✓ **Predicted answer**
- D. Iskandar Mirza

Why this answer? Muhammad Ali Jinnah was the first Governor-General of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: the founders and first office-holders recur in every sitting of this post.

Question 56 Pakistan Studies

Which city was the first capital of Pakistan?

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

Why this answer? Karachi was the first capital of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: the early years of Pakistan recur in every sitting of this post.

Question 57 Pakistan Studies

In which year did Bangladesh (then East Pakistan) separate from Pakistan?

- A. 1970
- B. 1972

1 ✓ Predicted answer

- D. 1973

Why this answer? East Pakistan separated and became Bangladesh in 1971.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: the 1971 separation recurs in every sitting of this post.

Question 58 Pakistan Studies

Who was the first Prime Minister of Pakistan?

- A. Khawaja Nazimuddin
- B. Muhammad Ali Bogra
- C. Chaudhry Muhammad Ali
- D. Liaquat Ali Khan ✓ **Predicted answer**

Why this answer? Liaquat Ali Khan was the first Prime Minister of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: the founders and first office-holders recur in every sitting of this post.

Question 59 Mathematics

A test has 60 questions. A candidate gains 4 marks for each right answer and loses 1 mark for each wrong one. His total is 130 marks. How many answers did he get right?

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

Why this answer? If c answers are correct, 4c - (60 - c) = 130, so 5c = 190 and c = 38.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q48 (4c - (60 - c) = 130, so c = 38).

60 Mathematics

If x is 10 and y is 0.1, which of these is the greatest?

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

Why this answer? With x = 10 and y = 0.1, x squared divided by y squared is 100 divided by 0.01, which is 10,000, the greatest.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q49 (x squared divided by y squared is 10,000, the greatest)

Question 61 Mathematics

If n is an integer between 20 and 80, which of the following can n + 7 NOT be?

- A. 47
- B. 88 ✓ **Predicted answer**
- C. 58
- D. 84

Why this answer? n + 7 = 88 would need n = 81, which is above 80.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q50 (n + 7 = 88 would need n = 81, above 80)

Question 62 Mathematics

Two tables and three chairs cost Rs 3,500, and three tables and two chairs cost Rs 4,000. What does one table cost?

- A. Rs.800
- B. Rs.1000 ✓ **Predicted answer**

- D. Rs.600

Why this answer? 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.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q51 (table costs Rs 1,000, chair Rs 500)

Question 63 Mathematics

A wheel with 6 cogs meshes with a larger wheel of 14 cogs. When the smaller wheel has made 21 revolutions, how many revolutions has the larger wheel made?

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

Why this answer? The teeth passing are the same: 6 times 21 is 126 teeth, and 126 divided by 14 is 9 revolutions.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q53 (6 times 21 is 126 teeth, 126 divided by 14 is 9 revolutions)

Question 64 Mathematics

How many digits are used in numbering the pages of a book with 366 pages?

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

Why this answer? Pages 1 to 9 use 9 digits, pages 10 to 99 use 180 digits, and pages 100

57 times 3, which is 801 digits, 9 + 180 + 801 = 990.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q54 (9 + 180 + 801 = 990 digits)

Question 65 Mathematics

A pineapple costs Rs 7 and a watermelon costs Rs 5. X spends Rs 38 on these fruits. How many pineapples did X buy?

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

Why this answer? 4 pineapples cost Rs 28, leaving Rs 10 for 2 watermelons at Rs 5 each; the total is Rs 38.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q55 (4 pineapples cost Rs 28, leaving Rs 10 for 2 watermelons)

Question 66 Mathematics

A political party has 36 members. Under the anti-defection law, what is the minimum number of members needed for a split to disqualify the original party?

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

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

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q56 (one-

Question 67 Mathematics

A clock seen in a mirror shows 9.30. What is the actual time?

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

Why this answer? Mirror time is 12.00 minus the shown time for a 12-hour clock: 12.00 minus 9.30 is 2.30.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q57 (mirror time is 12.00 minus 9.30, which is 2.30)

Question 68 Mathematics

A 100-gram block of gold weighed in air is hung from a spring balance and lowered into water. What will the balance most probably show?

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

Why this answer? Immersed in water, the block is buoyed up by the displaced water, so the spring balance reads less than its weight in air.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q58 (buoyancy makes the spring balance read less than 100 grams)

69 Mathematics

What is 15 percent of 200?

- A. 30 ✓ **Predicted answer**
- B. 25
- C. 35
- D. 40

Why this answer? 15 percent of 200 is 15 times 200 divided by 100, which is 30.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: percentages recur in every sitting of this post.

Question 70 Mathematics

If x + 7 = 15, what is x?

- A. 7
- B. 9
- C. 22
- D. 8 ✓ **Predicted answer**

Why this answer? x + 7 = 15 gives x = 15 minus 7, which is 8.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: simple equations recur in every sitting of this post.

Question 71 Mathematics

What is the square root of 144?

- A. 12 ✓ **Predicted answer**
- B. 14
- C. 16
- D. 11

swer? 12 times 12 is 144, so the square root of 144 is 12.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: squares and square roots recur in every sitting of this post.

Question 72 Mathematics

A train travels 120 km in 2 hours. What is its speed?

- A. 50 km per hour
- B. 60 km per hour ✓ **Predicted answer**
- C. 70 km per hour
- D. 40 km per hour

Why this answer? Speed is distance divided by time: 120 divided by 2 is 60 km per hour.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: speed, distance and time recur in every sitting of this post.

Question 73 Mathematics

What is the next number in the series 2, 4, 8, 16, ...?

- A. 24
- B. 20
- C. 32 ✓ **Predicted answer**
- D. 30

Why this answer? Each number doubles, so after 16 comes 32.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: number series recur in every sitting of this post.

Question 74 Mathematics

The average of 10, 20 and 30 is:

✓ Predicted answer

- B. 15
- C. 25
- D. 30

Why this answer? The average is (10 + 20 + 30) divided by 3, which is 20.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: averages recur in every sitting of this post.

Question 75 Mathematics

What is 7 times 8?

- A. 54
- B. 48
- C. 64
- D. 56 ✓ **Predicted answer**

Why this answer? 7 times 8 is 56.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: basic arithmetic recurs in every sitting of this post.

Question 76 Mathematics

If a shirt costs Rs 500 and is sold at a 10 percent discount, what is the selling price?

- A. Rs 450 ✓ **Predicted answer**
- B. Rs 400
- C. Rs 475
- D. Rs 550

Why this answer? A 10 percent discount on Rs 500 is Rs 50, so the selling price is Rs 450.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: profit, loss and

ur in every sitting of this post.

Question 77 Mathematics

What is the area of a rectangle 8 m long and 5 m wide?

- A. 40 square metres ✓ **Predicted answer**
- B. 13 square metres
- C. 26 square metres
- D. 45 square metres

Why this answer? Area is length times width: 8 times 5 is 40 square metres.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: mensuration recurs in every sitting of this post.

Question 78 Mathematics

What is 25 percent of 80?

- A. 15
- B. 25
- C. 30
- D. 20 ✓ **Predicted answer**

Why this answer? 25 percent of 80 is 25 times 80 divided by 100, which is 20.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: percentages recur in every sitting of this post.

Question 79 Everyday Science

What happens to a gas when it is compressed?

- A. The internal energy of gas increases and Thus the kinetic energy and hence absolute temperature increases ✓ **Predicted answer**

emperature decreases

- C. Its temperature remains the same
- D. None

Why this answer? Work done in compressing the gas increases its internal energy and temperature.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q68 (work done in compressing a gas increases its internal energy and temperature)

Question 80 Everyday Science

Is the statement 'a bad emitter of radiation is a bad absorber' true or false?

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

Why this answer? By Kirchhoff's law, a good absorber is a good emitter, so a bad emitter is also a bad absorber.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q69 (by Kirchhoff's law a bad emitter is a bad absorber)

Question 81 Everyday Science

In which unit are the energy requirements of the human body measured?

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

Why this answer? The energy requirements of the human body are measured in calories

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q70 (the body's energy requirements are measured in calories)

Question 82 Everyday Science

What is energy radiated into a vacuum per second per square centimetre per unit range of wavelength called?

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

Why this answer? Emissive power is the energy radiated per second per unit area per unit wavelength range.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q71 (emissive power is energy radiated per second per unit area per unit wavelength range)

Question 83 Everyday Science

Which law states that the wavelength of maximum energy is inversely proportional to the absolute temperature?

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

Why this answer? Wien's displacement law says the wavelength of maximum emission is inversely proportional to the absolute temperature.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q72 (Wien's

t law: peak wavelength inversely proportional to absolute temperature)

Question 84 Everyday Science

What is the chemical symbol of water?

- A. CO2
- B. O2
- C. NaCl
- D. H2O ✓ **Predicted answer**

Why this answer? The chemical symbol of water is H2O.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: chemical symbols recur in every sitting of this post.

Question 85 Everyday Science

Which vitamin does sunlight help the body to produce?

- A. Vitamin A
- B. Vitamin D ✓ **Predicted answer**
- C. Vitamin B
- D. Vitamin C

Why this answer? Sunlight helps the body to produce vitamin D.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: vitamins recur in every sitting of this post.

Question 86 Everyday Science

What is the boiling point of water at sea level?

- A. 90 degrees Celsius
- B. 80 degrees Celsius

degrees Celsius ✓ **Predicted answer**

- D. 120 degrees Celsius

Why this answer? Water boils at 100 degrees Celsius at sea level.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: heat and temperature recur in every sitting of this post.

Question 87 Everyday Science

Which planet is known as the Red Planet?

- A. Venus
- B. Jupiter
- C. Mars ✓ **Predicted answer**
- D. Mercury

Why this answer? Mars is known as the Red Planet.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: the solar system recurs in every sitting of this post.

Question 88 Everyday Science

How many bones are there in the adult human body?

- A. 196
- B. 216
- C. 206 ✓ **Predicted answer**
- D. 226

Why this answer? There are 206 bones in the adult human body.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: the human body recurs in every sitting of this post.

89 Islamiat

Which revealed book is called the Old Testament?

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

Why this answer? The Torah (Torait) is the Old Testament.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q87 (the Torah, Torait, is the Old Testament)

Question 90 Islamiat

How many idols stood fixed around the Kaaba at the time of the conquest of Makkah?

- A. 260
- B. 460
- C. 560
- D. 360 ✓ **Predicted answer**

Why this answer? There were 360 idols around the Kaaba at the time of the conquest of Makkah.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q88 (there were 360 idols around the Kaaba)

Question 91 Islamiat

According to the traditional reckoning, the Holy Prophet (PBUH) was born about three thousand years after which prophet?

- A. Hazrat Ibraheem (A.S) ✓ **Predicted answer**
- B. Hazrat Ismaeel (A.S)

rat Moosa (A.S)

- D. Hazrat Esssaa (A.S)

Why this answer? The traditional reckoning places the Prophet's birth about three thousand years after Ibrahim.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q89 (the Prophet's birth about three thousand years after Ibrahim)

Question 92 Islamiat

The name 'Ahmed' for the Holy Prophet (PBUH) was suggested by whom?

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

Why this answer? The Prophet's mother Amina is credited with the name Ahmed.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q90 (the Prophet's mother Amina is credited with the name Ahmed)

Question 93 Islamiat

In which year did Hazrat Umar (RA) embrace Islam?

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

Why this answer? Umar (RA) embraced Islam in 616 AD (6 years after the first revelation).

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q91 (Umar (RA) embraced Islam in 616 AD)

94 Islamiat

How many pillars of Islam are there?

- A. Four
- B. Five ✓ **Predicted answer**
- C. Six
- D. Seven

Why this answer? There are five pillars of Islam.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the five pillars recur in every sitting of this post.

Question 95 Islamiat

In which Islamic month is fasting observed?

- A. Ramazan ✓ **Predicted answer**
- B. Shawwal
- C. Zil Hajj
- D. Muharram

Why this answer? Muslims fast in the month of Ramazan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: fasting and the Islamic months recur in every sitting of this post.

Question 96 Islamiat

Where did the first revelation come to the Holy Prophet (PBUH)?

- A. Cave Thawr
- B. Cave Hira ✓ **Predicted answer**
- C. Mount Uhud
- D. Masjid Nabvi

swer? The first revelation came to the Holy Prophet (PBUH) in Cave Hira.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the Seerah recurs in every sitting of this post.

Question 97 Islamiat

How many Surahs are there in the Holy Quran?

- A. 110
- B. 116
- C. 114 ✓ **Predicted answer**
- D. 120

Why this answer? There are 114 Surahs in the Holy Quran.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the Holy Quran recurs in every sitting of this post.

Question 98 Islamiat

Which is the first month of the Islamic calendar?

- A. Muharram ✓ **Predicted answer**
- B. Safar
- C. Rabi-ul-Awwal
- D. Ramazan

Why this answer? Muharram is the first month of the Islamic calendar.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the Islamic calendar recurs in every sitting of this post.

Question 99 Current Affairs

What lay behind the sharp fall in world oil prices in late 2014?

erica -Iran deal

- B. common wealth Summit
- C. Syrian Civil war
- D. Change in OPEC's policies ✓ **Predicted answer**

Why this answer? The sharp oil-price fall of late 2014 followed OPEC's decision (November 2014) not to cut output.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-interior-2009 Q19 (late-2014 oil-price fall followed OPEC's decision not to cut output)

Question 100 Current Affairs

Where is the headquarters of the United Nations?

- A. Geneva
- B. Paris
- C. London
- D. New York ✓ **Predicted answer**

Why this answer? The United Nations is headquartered in New York.

Why predicted [C] — Syllabus anchor: syllabus anchor — Current Affairs: international organisations recur in every sitting of this post.

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