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

Body: Federal Public Service Commission (FPSC) · **Post:** Assistant Director | BS-17 · **Set:** 2 of 2 · **Questions:** 100 predicted — 1 repeated questions, 86 verified facts predicted to recur, 13 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 | 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.

> **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 Do not quote any item as "asked in the 2027 exam" — nothing here has been asked yet.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 Mathematics

A father is 24 years older than his son, and in two years he will be twice as old as his son. How old is the son now?

- A. 12 years
- B. 22 years ✓ **Predicted answer**
- C. 15 years
- D. 18 years

Why this answer? Let the son be x: the father is x + 24, and in two years x + 26 = 2(x + 2),

. The son is 22 years old.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q50 (son 22 years); re-asked in new words.

Question 2 Mathematics

Rs. 1,000 is invested at 12% annual interest, compounded half-yearly. What is the total amount after one year?

- A. Rs. 1120.00
- B. Rs. 1126.20
- C. Rs. 1134.40
- D. Rs. 1123.60 ✓ **Predicted answer**

Why this answer? Half-yearly compounding at 12% a year means 6% per half year: after six months the amount is Rs. 1,060, and after a year it is 1,060 x 1.06 = Rs. 1,123.60.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q51 (Rs. 1,123.60); re-asked in new words.

Question 3 Mathematics

Six years ago the ratio of Khalid's age to Sadaf's was 6:5, and four years from now it will be 11:10. What is the present age of the younger of the two?

- A. 16 years ✓ **Predicted answer**
- B. 20 years
- C. 22 years
- D. 25 years

Why this answer? Six years ago their ages were 6x and 5x. In four years (6x + 10) / (5x + 10) = 11/10, giving x = 2. Six years ago Sadaf was 10, so she is 16 now.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009

s); re-asked in new words.

Question 4 Mathematics

A father and his son together are 60 years old. Six years ago the father was five times as old as his son. How old will the son be after six years?

- A. 10 years
- B. 12 years
- C. 20 years ✓ **Predicted answer**
- D. 16 years

Why this answer? Six years ago their ages added to 48, with the father five times the son: the son was 8 and the father 40. The son is 14 now, so after six years he will be 20.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q53 (20 years); re-asked in new words.

Question 5 Mathematics

In the series 462, 420, 380, X, 306, what is the value of X?

- A. 342 ✓ **Predicted answer**
- B. 352
- C. 332
- D. 322

Why this answer? The series falls by 42, then 40, then 38, then 36: 462 - 42 = 420, 420 - 40 = 380, 380 - 38 = 342, and 342 - 36 = 306. So X is 342.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q55 (342); re-asked in new words.

6 Mathematics

On sports day, 30 children stand in each column and 16 columns are formed. If 24 children stand in each column, how many columns will be formed?

- A. 50
- B. 22
- C. 40
- D. 20 ✓ **Predicted answer**

Why this answer? There are 30 x 16 = 480 children. At 24 children per column, 480 / 24 = 20 columns are formed.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q58 (20 columns); re-asked in new words.

Question 7 Mathematics

A student has a 60% chance of passing English and a 54% chance of passing both English and Mathematics. What is the probability that he fails Mathematics?

- A. 12
- B. 36
- C. 10 ✓ **Predicted answer**
- D. 4

Why this answer? The chance of passing Mathematics is 54 / 60 = 90%, so the chance of failing it is the remaining 10%.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q60 (10%); re-asked in new words.

Question 8 Mathematics

A class has equal numbers of boys and girls. When 8 girls leave to play kho-kho, twice as

as girls remain in the classroom. How many pupils were there in total at first?

- A. 16
- B. 24
- C. 32 ✓ **Predicted answer**
- D. 48

Why this answer? Let each group be x: after 8 girls leave, x = 2(x - 8), giving x = 16. The class had 16 boys and 16 girls, 32 pupils in total.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q61 (32 pupils); re-asked in new words.

Question 9 Mathematics

What is 5,448 rounded to the nearest 100?

- A. 5400 ✓ **Predicted answer**
- B. 6000
- C. 5000
- D. 4500

Why this answer? 5,448 is 48 above 5,400 and 52 below 5,500, so to the nearest 100 it rounds down to 5,400.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q65 (5400); re-asked in new words.

Question 10 Mathematics

Two packs of cards are shuffled together and two cards are drawn one after another. What is the probability that both are Jacks?

- A. 7/1339 ✓ **Predicted answer**
- B. 1/13

- D. 1/169

Why this answer? Two packs hold 104 cards with 8 Jacks. The probability is (8/104) x (7/103) = 56/10,712 = 7/1,339.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q67 (7/1339); re-asked in new words.

Question 11 Mathematics

Point P lies 300 km east of O and point Q lies 400 km north of O. R is the midpoint of P and Q. How far is R from Q?

- A. 250 km ✓ **Predicted answer**
- B. 300 km
- C. 350 km
- D. 250 × √2 km

Why this answer? By Pythagoras, PQ is 500 km (the 3-4-5 triangle scaled by 100). R is the midpoint, so RQ is half of PQ, 250 km.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q69 (250 km); re-asked in new words.

Question 12 Mathematics

If one-third of one-fourth of a number is 15, what is three-tenths of that number?

- A. 22
- B. 39
- C. 47
- D. 54 ✓ **Predicted answer**

Why this answer? One-third of one-fourth is one-twelfth, so the number is 15 x 12 = 180.

of 180 is 54.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-overseas-hr-2011 Q51 (54); re-asked in new words.

Question 13 Mathematics

Take three consecutive odd integers. Three times the first is 3 more than twice the third. What is the third integer?

- A. 2
- B. 7
- C. 9
- D. 15 ✓ **Predicted answer**

Why this answer? Let the integers be x, x + 2 and x + 4: 3x = 2(x + 4) + 3, giving x = 11. The third integer is 15.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-overseas-hr-2011 Q52 (15); re-asked in new words.

Question 14 Mathematics

Five per cent of a number is 10. What is the number?

- A. 200 ✓ **Predicted answer**
- B. 100
- C. 300
- D. 400

Why this answer? If 5% of the number is 10, the number is 10 x 100 / 5 = 200.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-overseas-hr-2011 Q53 (200); re-asked in new words.

15 Mathematics

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

- A. 40 km/hr
- B. 60 km/hr ✓ **Predicted answer**
- C. 50 km/hr
- D. 80 km/hr

Why this answer? Average speed is distance divided by time: 120 / 2 = 60 km per hour.

Why predicted [C] — Syllabus anchor: syllabus anchor - Mathematics: speed, distance and time recurs in this post's papers.

Question 16 Mathematics

What is 15% of 200?

- A. 20
- B. 30 ✓ **Predicted answer**
- C. 25
- D. 35

Why this answer? 15% of 200 is 15 x 200 / 100 = 30.

Why predicted [C] — Syllabus anchor: syllabus anchor - Mathematics: percentages recurs in this post's papers.

Question 17 General Knowledge

In which year did the original members of the RCD meet in Islamabad?

- A. 1989
- B. 1991
- C. 1990 ✓ **Predicted answer**
- D. 1992

swer? The ministerial meeting of the three original members, Iran, Pakistan and Turkey, was held in Islamabad in June 1990, where the Treaty of Izmir was amended to give ECO its legal basis.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q25 (Islamabad meeting 1990); re-asked in new words.

Question 18 General Knowledge

The organisational structure of ECO consists of which bodies?

- A. Council of Ministers, Council of deputies
- B. All of above ✓ **Predicted answer**
- C. Technical committees.
- D. Eco secretariat and specialized agencies

Why this answer? ECO's structure comprises the Council of Ministers, the Council of Deputies, the technical committees, and the Secretariat with its specialised agencies: all of the above.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q27 (all of the above); re-asked in new words.

Question 19 General Knowledge

The extraordinary two-day session of the Council of Foreign Ministers of the original ECO states, which admitted seven new members, was held on which dates?

- A. November 26-27, 1992
- B. November 28-29, 1992 ✓ **Predicted answer**
- C. November 27-28, 1992
- D. November 29-30 1992

Why this answer? The extraordinary session was held in Islamabad on 28-29 November 1992, admitting the seven new members; 28 November is now observed as ECO Day,

ed [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q29 (28-29 November 1992); re-asked in new words.

Question 20 General Knowledge

After the 1992 enlargement, the ECO bloc had a population of about:

- A. 100 million people
- B. 300 million people ✓ **Predicted answer**
- C. 200 million people
- D. 400 million people

Why this answer? The enlarged ECO of 1992 is recorded as a bloc of about 300 million people.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q30 (300 million people); re-asked in new words.

Question 21 General Knowledge

Among the following airlines, which one belongs to Russia?

- A. Aeroflot ✓ **Predicted answer**
- B. Aero Asia
- C. Russian Float
- D. Aero Russia

Why this answer? Aeroflot is the Russian national airline.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q53 (Aeroflot); re-asked in new words.

Question 22 General Knowledge

The fourth SAARC summit was held in 1988 in which city?

ka (Bangladesh)

- B. Colombo (Sri Lanka)
- C. Islamabad (Pakistan) ✓ **Predicted answer**
- D. None of these

Why this answer? The fourth summit of SAARC was held in Islamabad, Pakistan, in 1988.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q74 (Islamabad); re-asked in new words.

Question 23 General Knowledge

Davos is a famous city of which country?

- A. France
- B. Switzerland ✓ **Predicted answer**
- C. UK
- D. USA

Why this answer? Davos, the town that hosts the World Economic Forum's annual meeting, is in Switzerland.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q77 (Switzerland); re-asked in new words.

Question 24 General Knowledge

Where is the headquarters of the United Nations Fund for Population Activities?

- A. Geneva
- B. Vienna
- C. New York ✓ **Predicted answer**
- D. None of these

Why this answer? The United Nations Fund for Population Activities (UNFPA) is

ed in New York.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q79 (New York); re-asked in new words.

Question 25 General Knowledge

In which year was the United Nations Relief and Works Agency for Palestine Refugees (UNRWA) established?

- A. 1949 ✓ **Predicted answer**
- B. 1950
- C. 1951
- D. None of these

Why this answer? UNRWA was established in 1949 to assist Palestine refugees.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q80 (1949); re-asked in new words.

Question 26 General Knowledge

The United Nations Institute for Training and Research (UNITAR) was established in which year?

- A. 1988
- B. 1956
- C. 1963 ✓ **Predicted answer**
- D. 1965

Why this answer? UNITAR was established in 1963.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q82 (1963); re-asked in new words.

27 General Knowledge

The European Economic Community is headquartered in which city?

- A. Brussels ✓ **Predicted answer**
- B. Copenhagen
- C. London
- D. Paris

Why this answer? The European Economic Community is headquartered in Brussels, Belgium.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q83 (Brussels); re-asked in new words.

Question 28 General Knowledge

In which month and year was the Uruguay Round of multilateral trade negotiations under the GATT launched?

- A. December 1986
- B. September 1986 ✓ **Predicted answer**
- C. January 1986
- D. June 1986

Why this answer? The Uruguay Round was launched in September 1986 at Punta del Este.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q84 (September 1986); re-asked in new words.

Question 29 General Knowledge

Where is the headquarters of the United Nations Institute for Training and Research (UNITAR)?

- B. Vienna
- C. Geneva ✓ **Predicted answer**
- D. None of these

Why this answer? UNITAR is headquartered in Geneva, Switzerland.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q85 (Geneva); re-asked in new words.

Question 30 General Knowledge

The United Nations Conference on Trade and Development (UNCTAD) was established in which year?

- A. 1962
- B. 1960
- C. None of these
- D. 1964 ✓ **Predicted answer**

Why this answer? UNCTAD was established in 1964 as the United Nations body for trade and development.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q86 (1964); re-asked in new words.

Question 31 General Knowledge

Where is the headquarters of the United Nations Conference on Trade and Development (UNCTAD)?

- A. New York
- B. Vienna
- C. None of these
- D. Geneva ✓ **Predicted answer**

swer? UNCTAD is headquartered in Geneva, Switzerland.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q87 (Geneva); re-asked in new words.

Question 32 General Knowledge

Which river, flowing through Russia to the Caspian Sea, is the longest in Europe?

- A. Volga ✓ **Predicted answer**
- B. Danube
- C. Amur
- D. None of these

Why this answer? The Volga, flowing through Russia to the Caspian Sea, is the longest river of Europe.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q20 (Volga); re-asked in new words.

Question 33 General Knowledge

Which planet is known as the Red Planet?

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

Why this answer? Mars is called the Red Planet because its surface is covered with red iron-oxide dust.

Why predicted [C] — Syllabus anchor: syllabus anchor - General Knowledge: the solar system recurs in this post's papers.

34 General Knowledge

The currency of Japan is:

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

Why this answer? The yen is the currency of Japan; the yuan is Chinese and the won is Korean.

Why predicted [C] — Syllabus anchor: syllabus anchor - General Knowledge: world currencies recurs in this post's papers.

Question 35 Islamiat

Which is the oldest revealed divine book?

- A. Zaboor
- B. Injeel
- C. Quran
- D. Tawrat ✓ **Predicted answer**

Why this answer? The Tawrat, revealed to Hazrat Musa (AS), is the oldest of the revealed divine books.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q17 (Tawrat); re-asked in new words.

Question 36 Islamiat

Which women are named as foster mothers of the Holy Prophet (PBUH)?

- A. Hazart Halima (RA)
- B. Hazart Sobia (RA)

- of these ✓ **Predicted answer**
- D. Hazart Khola (RA)

Why this answer? Hazrat Halima (RA), Hazrat Sobia (RA) and Hazrat Khola (RA) are all named as foster mothers of the Holy Prophet (PBUH).

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q19 (all of these); re-asked in new words.

Question 37 Islamiat

On which occasion are all six Kalimahs recited by Muslims?

- A. Birth
- B. Nikah ✓ **Predicted answer**
- C. Death
- D. Migration

Why this answer? All six Kalimahs are recited at the Nikah, the marriage ceremony.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q30 (Nikah); re-asked in new words.

Question 38 Islamiat

Which Holy Book do Christians call the New Testament?

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

Why this answer? The Injeel, the scripture revealed to Hazrat Isa (AS), is known in the Christian Bible as the New Testament.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q32 (The

ked in new words.

Question 39 Islamiat

Who is referred to in the Holy Quran as Rooh-ul-Ameen?

- A. Hazart Mekael (AS)
- B. Hazart Jibrael (AS) ✓ **Predicted answer**
- C. Hazart Izrael (AS)
- D. Hazart Israfeel (AS)

Why this answer? Hazrat Jibrael (AS) is referred to in the Quran as Rooh-ul-Ameen, the Trustworthy Spirit.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q39 (Hazrat Jibrael); re-asked in new words.

Question 40 Islamiat

In Yemen, who was the first person to accept Islam?

- A. Hazrat Owais Qarni (RA)
- B. Hazrat Abu Moosa Ashari (RA) ✓ **Predicted answer**
- C. Hazrat Zoaib bin Khabain (RA)
- D. None of these

Why this answer? Hazrat Abu Moosa Ashari (RA) was the first to embrace Islam in Yemen.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q41 (Abu Moosa Ashari); re-asked in new words.

Question 41 Islamiat

According to the Holy Prophet (PBUH), what is the greatest of all sins?

- A. Lie

k ✓ **Predicted answer**

- C. Backbiting
- D. Flattering

Why this answer? Shirk, associating partners with Allah, is the greatest of all sins.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q44 (Shirk); re-asked in new words.

Question 42 Islamiat

After Tauheed, which belief holds the highest importance in Islam?

- A. Belief in Aakhirat
- B. Belief in the Holy Prophet (SAW)
- C. Belief in Prophethood ✓ **Predicted answer**
- D. Belief in Angels

Why this answer? After Tauheed, belief in Prophethood is the most important belief in Islam.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q45 (Belief in Prophethood); re-asked in new words.

Question 43 Islamiat

Which is the second longest Surah of the Holy Quran?

- A. Baqarah
- B. Yaseen
- C. Rahman
- D. Aal-e-Amran ✓ **Predicted answer**

Why this answer? Surah Al-Baqarah is the longest Surah, and Surah Aal-e-Imran is the second longest.

ed [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q47 (Aal-e-Imran); re-asked in new words.

Question 44 Islamiat

According to Islamic belief, how many revealed Holy Books are there in total?

- A. five
- B. three
- C. two
- D. four ✓ **Predicted answer**

Why this answer? There are four revealed Holy Books: the Tawrat, the Zaboor, the Injeel and the Holy Quran.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q51 (four); re-asked in new words.

Question 45 Islamiat

What is the total number of Prophets (AS) according to Islamic tradition?

- A. 125000
- B. 123000
- C. 124000 ✓ **Predicted answer**
- D. 126000

Why this answer? According to Islamic tradition, 124,000 Prophets were sent to mankind.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q92 (124,000); re-asked in new words.

Question 46 Islamiat

How many Surahs does the Holy Quran contain?

- B. 109
- C. 220
- D. 114 ✓ **Predicted answer**

Why this answer? The Holy Quran contains 114 Surahs.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q99 (114 Surahs); re-asked in new words.

Question 47 Islamiat

The Holy Quran was first revealed in which month?

- A. Shawwal
- B. Muharram
- C. Ramadan ✓ **Predicted answer**
- D. Rajab

Why this answer? The first revelation came in the month of Ramadan, in the Night of Power (Laylat-ul-Qadr).

Why predicted [C] — Syllabus anchor: syllabus anchor - Islamiat: revelation of the Quran recurs in this post's papers.

Question 48 Islamiat

Hazrat Muhammad (PBUH) was born in Makkah in which year?

- A. 570 AD
- B. 572 AD
- C. 571 AD ✓ **Predicted answer**
- D. 610 AD

Why this answer? The Holy Prophet (PBUH) was born in Makkah in 571 AD, the Year of

Why predicted [C] — Syllabus anchor: syllabus anchor - Islamiat: life of the Holy Prophet recurs in this post's papers.

Question 49 Everyday Science

How many chromosomes are present in a normal human body cell?

- A. 49
- B. 56
- C. 25
- D. 46 ✓ **Predicted answer**

Why this answer? A normal human body cell contains 46 chromosomes, arranged in 23 pairs.

Why predicted [A] — Repeated question: repeated - fpsc-ad-federal-secretariat-2009 Q76 and fpsc-ad-overseas-hr-2011 Q79 both key 46.

Question 50 Everyday Science

In a camera, the retina of the eye acts like which part?

- A. Lens
- B. Film ✓ **Predicted answer**
- C. Shutter
- D. None of these

Why this answer? The retina acts as the film in a camera: it receives the focused image and records it.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q50 (film); re-asked in new words.

51 Everyday Science

Which disease commonly spreads after floods?

- A. Malaria
- B. Influenza
- C. Diarrhoea
- D. Cholera ✓ **Predicted answer**

Why this answer? Floods contaminate drinking water and spread water-borne disease, above all cholera.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q52 (cholera); re-asked in new words.

Question 52 Everyday Science

What is chlorophyll?

- A. Halogen acid
- B. A green pigment found in the plants ✓ **Predicted answer**
- C. A chloro-organic compound
- D. Element

Why this answer? Chlorophyll is the green pigment found in plants, which captures sunlight for photosynthesis.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q54 (green pigment in plants); re-asked in new words.

Question 53 Everyday Science

Milk of animals fed on grass contains large amounts of fat in which season?

- A. Winter
- B. Summer ✓ **Predicted answer**

ng

- D. Autumn

Why this answer? Milk of grass-fed animals contains the most fat in summer, when the animals feed on rich green fodder.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q56 (summer); re-asked in new words.

Question 54 Everyday Science

Which metals are used in a voltaic cell?

- A. Copper and silver
- B. Zinc and copper ✓ **Predicted answer**
- C. Zinc and silver
- D. Copper and iron

Why this answer? A voltaic cell uses zinc and copper as its two electrodes.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q57 (zinc and copper); re-asked in new words.

Question 55 Everyday Science

What does hydroponics mean?

- A. Detection of sound in water
- B. Animals living in water
- C. Cultivation of plants without using soil ✓ **Predicted answer**
- D. A Japanese way of flowering

Why this answer? Hydroponics is the cultivation of plants without using soil, with the roots in a nutrient solution.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q58

without soul, re-asked in new words.

Question 56 Everyday Science

Gasohol is a mixture of gasoline and what?

- A. Methyl alcohol
- B. Kerosene
- C. Ethyl alcohol ✓ **Predicted answer**
- D. Butyl alcohol

Why this answer? Gasohol is a mixture of gasoline and ethyl alcohol, used as a motor fuel.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q93 (ethyl alcohol); re-asked in new words.

Question 57 Everyday Science

A dress made of which material is safest to wear while cooking?

- A. Cotton ✓ **Predicted answer**
- B. Terylene
- C. Nylon
- D. Silk

Why this answer? Cotton is the safest dress material while cooking, because it does not melt and catch fire as readily as synthetic fibres.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q94 (cotton); re-asked in new words.

Question 58 Everyday Science

Which of these organisms enters the human body through the skin?

- ookworm ✓ **Predicted answer**
- B. Tape worm
- C. Ring worm
- D. Thread worm

Why this answer? Hookworm larvae enter the human body through the skin, usually through bare feet on infected soil.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q95 (hookworm); re-asked in new words.

Question 59 Everyday Science

Which substance is useful in the chemistry of photography?

- A. Aluminium hydroxide
- B. Sodium chloride
- C. Silver bromide ✓ **Predicted answer**
- D. Potassium nitrate

Why this answer? Silver bromide is the light-sensitive substance used in photographic film and paper.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q96 (silver bromide); re-asked in new words.

Question 60 Everyday Science

Vitamins do not serve the body as a source of what?

- A. Stimulant in the growth of the body
- B. Agent in regulating the chemical processes in the body metabolism
- C. All of the above
- D. Source of energy ✓ **Predicted answer**

swer? Vitamins regulate body processes and protect health, but they are not a source of energy: energy comes from carbohydrates, fats and proteins.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q97 (source of energy); re-asked in new words.

Question 61 Everyday Science

Which organ of the human body pumps blood around the body?

- A. Liver
- B. Kidney
- C. Lung
- D. Heart ✓ **Predicted answer**

Why this answer? The heart pumps blood around the body, through the arteries, veins and capillaries.

Why predicted [C] — Syllabus anchor: syllabus anchor - Everyday Science: human body and health recurs in this post's papers.

Question 62 Everyday Science

The boiling point of water at sea level is:

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

Why this answer? At normal sea-level pressure, water boils at 100 degrees Celsius.

Why predicted [C] — Syllabus anchor: syllabus anchor - Everyday Science: physics of common substances recurs in this post's papers.

63 English

In the sentence 'Everybody applauded the performers spontaneously', the word 'spontaneously' most nearly means:

- A. loudly
- B. naturally ✓ **Predicted answer**
- C. excitedly
- D. openly

Why this answer? 'Spontaneously' means of one's own accord, without planning: the applause broke out naturally.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q16 (naturally); re-asked in new words.

Question 64 English

In the sentence 'The knowledge of nuclear power might lead to annihilation', the word 'annihilation' most nearly means:

- A. immortality
- B. tremendous progress
- C. full healthfulness
- D. total destruction ✓ **Predicted answer**

Why this answer? 'Annihilation' means complete destruction, wiping out entirely.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q17 (total destruction); re-asked in new words.

Question 65 English

In the sentence 'Everybody present wondered at his audacity', the word 'audacity' most nearly means:

sence of mind

- B. wit
- C. confidence
- D. impudence ✓ **Predicted answer**

Why this answer? 'Audacity' means bold, shameless rudeness: impudence.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q18 (impudence); re-asked in new words.

Question 66 English

In the sentence 'There is a great disparity in all these statements', the word 'disparity' most nearly means:

- A. similarity
- B. weight
- C. difference ✓ **Predicted answer**
- D. truth

Why this answer? 'Disparity' means a great difference or inequality: the statements differ widely from one another.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q19 (difference); re-asked in new words.

Question 67 English

In the sentence 'Successful leaders are usually men of great eloquence', the word 'eloquence' most nearly means:

- A. cleverness
- B. sharpness of intellect
- C. fluent speaking ✓ **Predicted answer**
- D. imagination

swer? 'Eloquence' means fluent, persuasive and graceful speaking.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-ministry-communication-bps17 Q20 (fluent speaking); re-asked in new words.

Question 68 English

Which word best completes the sentence 'Education is a strong ____ of poverty status'?

- A. requirement
- B. discolor
- C. exposure
- D. Predictor ✓ **Predicted answer**

Why this answer? Education is a strong predictor of poverty status: it forecasts whether a household is likely to be poor.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q1 (predictor); re-asked in new words.

Question 69 English

Which word best completes the sentence 'The Earth constantly tries to ____ a balance between the energy it receives from the Sun and the energy it gives out'?

- A. maintain ✓ **Predicted answer**
- B. conserve
- C. control
- D. provide

Why this answer? The Earth maintains a balance between incoming and outgoing energy.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q3 (maintain); re-asked in new words.

70 English

Which word best completes the sentence 'Climate change is already having ___ on animal and plant species throughout the United States'?

- A. Issues
- B. disputes
- C. Pressures
- D. impact ✓ **Predicted answer**

Why this answer? Climate change is already having an impact on animal and plant species.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q4 (impact); re-asked in new words.

Question 71 English

Which word best completes the sentence 'Higher educational attainment of the household head is ____ with a lower probability of entering poverty'?

- A. amalgamated
- B. assimilated
- C. estimated
- D. associated ✓ **Predicted answer**

Why this answer? Higher education is associated with a lower probability of entering poverty.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q5 (associated); re-asked in new words.

Question 72 English

In the sentence 'Those were only crocodile tears', the idiom 'crocodile tears' means:

eeping sign

- B. mild regret
- C. Pretended sadness ✓ **Predicted answer**
- D. very gloomy

Why this answer? 'Crocodile tears' are insincere tears: a show of sorrow that is not genuinely felt.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q6 (pretended sadness); re-asked in new words.

Question 73 English

In the sentence 'He was murdered in cold blood', the phrase 'in cold blood' means:

- A. cooly
- B. deliberately
- C. unfeelingly ✓ **Predicted answer**
- D. Thoughtless

Why this answer? A murder 'in cold blood' is done unfeelingly, without pity or remorse.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q7 (unfeelingly); re-asked in new words.

Question 74 English

In the sentence 'The students were in the blues when they heard that the examination would not be postponed', the phrase 'in the blues' means:

- A. violent and angry
- B. wearing blue badges
- C. singing sad Songs
- D. Cheerless and depressed ✓ **Predicted answer**

swer? 'In the blues' means low-spirited, sad and depressed.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q8 (cheerless and depressed); re-asked in new words.

Question 75 English

In the sentence 'To give so much importance to this dispute is to make a mountain of a molehill', the idiom means:

- A. to take advantage
- B. to give great importance to trifles ✓ **Predicted answer**
- C. to see a thing with prejudiced mind
- D. to get into trouble

Why this answer? To make a mountain of a molehill is to give great importance to trifles.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q9 (to give great importance to trifles); re-asked in new words.

Question 76 English

In the sentence 'The captain played with determination because the honour of the team was at stake', the phrase 'at stake' means:

- A. in danger ✓ **Predicted answer**
- B. at the top
- C. very low
- D. appropriate

Why this answer? Something 'at stake' is in danger of being lost: the honour of the team was in danger.

Why predicted [B] — Verified fact, predicted to recur: fpsc-ad-federal-secretariat-2009 Q10 (in danger); re-asked in new words.

77 English

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

- A. A letter is written by her ✓ **Predicted answer**
- B. A letter was written by her
- C. A letter is being written by her
- 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 recurs in this post's papers.

Question 78 English

The antonym of 'ancient' is:

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

Why this answer? 'Modern' means of the present time, the opposite of 'ancient'.

Why predicted [C] — Syllabus anchor: syllabus anchor - English: synonyms and antonyms recurs in this post's papers.

Question 79 Pakistan Studies

The English were permitted to trade in Bengal in which year?

- A. 1609
- B. 1678
- C. 1590

4 ✓ Predicted answer

Why this answer? The English were permitted to trade in Bengal in 1634.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q34 (1634); re-asked in new words.

Question 80 Pakistan Studies

The earliest factories at Surat were established by whom?

- A. Dutch
- B. French
- C. English ✓ **Predicted answer**
- D. Portuguese

Why this answer? The earliest factories at Surat were established by the English.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q35 (English); re-asked in new words.

Question 81 Pakistan Studies

The mausoleum of Jahangir at Lahore was built by whom?

- A. Nur Jahan at Lahore ✓ **Predicted answer**
- B. Shah Jahan at Agra
- C. Shah Jahan at Delhi
- D. Nur Jahan at Fatehpur Sikri

Why this answer? Nur Jahan built the mausoleum of her husband Jahangir at Lahore.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q37 (Nur Jahan at Lahore); re-asked in new words.

82 Pakistan Studies

The construction of the Badshahi Mosque in Lahore was completed in which year?

- A. 1673 ✓ **Predicted answer**
- B. 1703
- C. 1666
- D. 1707

Why this answer? The Badshahi Mosque in Lahore was completed in 1673, under Aurangzeb.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q43 (1673); re-asked in new words.

Question 83 Pakistan Studies

Which ruler fought the Fourth Anglo-Mysore War, in which he was killed?

- A. Aurangzeb
- B. Shivaji
- C. The Nizam
- D. Tipu Sultan ✓ **Predicted answer**

Why this answer? Tipu Sultan fought the Fourth Anglo-Mysore War and was killed at Seringapatam in 1799.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q55 (Tipu Sultan); re-asked in new words.

Question 84 Pakistan Studies

Shah Jahan died in which year?

- A. 1678
- B. 1667

6 ✓ **Predicted answer**

- D. 1688

Why this answer? Shah Jahan died in 1666, after eight years imprisoned in the Agra Fort.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q88 (1666); re-asked in new words.

Question 85 Pakistan Studies

Shah Jahan became emperor of India in which year?

- A. 1629
- B. 1628 ✓ **Predicted answer**
- C. 1566
- D. 1634

Why this answer? Shah Jahan became emperor of India in 1628.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q89 (1628); re-asked in new words.

Question 86 Pakistan Studies

Sir Thomas Roe, the first Ambassador of England, visited the court of Jahangir in which year?

- A. 1616 ✓ **Predicted answer**
- B. 1646
- C. 1678
- D. 1776

Why this answer? Sir Thomas Roe reached the court of Jahangir in 1616 as the first English ambassador to India.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q90 (1616); re-

/ words.

Question 87 Pakistan Studies

In which year did Akbar die and Jahangir ascend the throne?

- A. 1607
- B. 1605 ✓ **Predicted answer**
- C. 1606
- D. 1609

Why this answer? Akbar died in 1605 and his son Jahangir succeeded him the same year.

Why predicted [B] — Verified fact, predicted to recur: FPSC-FIA-AD-2008 Q91 (1605); re-asked in new words.

Question 88 Pakistan Studies

The Lahore Resolution was passed in which year?

- A. 1930
- B. 1940 ✓ **Predicted answer**
- C. 1946
- D. 1947

Why this answer? The Lahore Resolution, demanding separate states for the Muslims of India, was passed on 23 March 1940.

Why predicted [C] — Syllabus anchor: syllabus anchor - Pakistan Studies: the Pakistan Movement recurs in this post's papers.

Question 89 Current Affairs

The Tigray war began in November 2020 in which country?

- A. Cameroon

kina Faso

- C. None of these
- D. Ethiopia ✓ **Predicted answer**

Why this answer? The Tigray war began on 3 November 2020 in Ethiopia, in the Tigray region.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q42 (Ethiopia); re-asked in new words.

Question 90 Current Affairs

The Geneva Consensus Declaration on Promoting Women's Health and Strengthening the Family was signed by the governments of how many countries?

- A. 33
- B. 34
- C. None of these
- D. 32 ✓ **Predicted answer**

Why this answer? The Geneva Consensus Declaration was signed by the governments of 32 countries.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q46 (32 countries); re-asked in new words.

Question 91 Current Affairs

Pakistan signed an agreement with which country on 27 May 2024 to boost job prospects for Pakistanis?

- A. Germany
- B. UAE
- C. Qatar ✓ **Predicted answer**
- D. None of these

swer? Pakistan and Qatar signed an agreement on 27 May 2024 to boost job prospects for Pakistanis in Qatar.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q47 (Qatar); re-asked in new words.

Question 92 Current Affairs

The European Union approved a 50-billion-euro financial support package for Ukraine after which country withdrew its veto?

- A. Hungary ✓ **Predicted answer**
- B. Germany
- C. France
- D. None of these

Why this answer? Hungary withdrew its veto, allowing the European Union to approve the 50-billion-euro support package for Ukraine.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q48 (Hungary); re-asked in new words.

Question 93 Current Affairs

Who is the Sultan of Oman?

- A. Qaboos bin Saud
- B. Haitham bin Tariq ✓ **Predicted answer**
- C. Said bin Taimur
- D. None of these

Why this answer? Haitham bin Tariq is the Sultan of Oman, having succeeded Sultan Qaboos in January 2020.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-

Q50 (Haitham bin Tariq), re-asked in new words.

Question 94 Current Affairs

The headquarters of the United Nations is in which city?

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

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

Why predicted [C] — Syllabus anchor: syllabus anchor - Current Affairs: international organisations recurs in this post's papers.

Question 95 Law

Under the Official Secrets Act, 'a place belonging to the Government' means what?

- A. All of these ✓ **Predicted answer**
- B. Place owned by the Government
- C. Place rented by the Government
- D. Place occupied by the Government

Why this answer? Under the Official Secrets Act, a place belonging to the Government includes a place owned by, rented by or occupied by the Government: all of these.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q82 (all of these); re-asked in new words.

Question 96 Law

Under local government law, what does the term 'District' mean?

- A. A defined area as in Local Government Law ✓ **Predicted answer**

- C. A village in a District
- D. None of these

Why this answer? Under local government law, a District is a defined area, as set out in the Local Government Law.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q84 (a defined area); re-asked in new words.

Question 97 Law

Under the Local Government Act, the functions of the District Council include what?

- A. All of these ✓ **Predicted answer**
- B. Approving the District Budget
- C. Approving the by-laws
- D. Approving the taxes

Why this answer? The District Council approves the district budget, the by-laws and the taxes: all of these.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q85 (all of these); re-asked in new words.

Question 98 Law

Which of these is a feature of the rule of law?

- A. Supremacy of law
- B. Both A & B ✓ **Predicted answer**
- C. Equality before law
- D. None of these

Why this answer? Supremacy of law and equality before the law are both features of the

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q94 (both A and B); re-asked in new words.

Question 99 Law

Who is empowered to enter and search any premises under the Anti-Terrorism Act, 1997?

- A. All of these ✓ **Predicted answer**
- B. Police
- C. Civil Armed Forces
- D. Armed Forces

Why this answer? Under the Anti-Terrorism Act 1997, the police, the Civil Armed Forces and the Armed Forces are all empowered to enter and search premises.

Why predicted [B] — Verified fact, predicted to recur: FPSC-2024-ASSISTANT-DIRECTOR-2024-08-05 Q97 (all of these); re-asked in new words.

Question 100 Law

Under the Constitution of Pakistan, the age of an adult for voting is:

- A. 16 years
- B. 21 years
- C. 18 years ✓ **Predicted answer**
- D. 25 years

Why this answer? Under the Constitution of Pakistan, every citizen of 18 years and above is entitled to vote.

Why predicted [C] — Syllabus anchor: syllabus anchor - Law: the Constitution and fundamental rights recurs in this post's papers.

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