# Inspector Investigation, Federal Investigation Agency (FIA) — 2019 · Solved Past Paper

**Body:** Federal Public Service Commission (FPSC) · **Post:** Inspector Investigation, Federal Investigation Agency (FIA) · **Year:** 2019 · **Questions:** 100 in the original paper — **97 solved and verified**, 2 excluded as defective (Q72, Q99), 1 unrecoverable (Q3) · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2019 sitting.

**Source note:** Imtiaz Shahid book, 50th edition, Model Paper 50 (Inspector Investigation FIA 2019 Batch-4, 100 questions), Scribd doc 502354168, viewer pages 210-214 (book pp. 219-223), fetched 14 Nov 2026, with the book's printed Answer Key 1-100. 12 printed-key corrections (Q2, Q8, Q9, Q14, Q34, Q59, Q70, Q75, Q82, Q83, Q95, Q98) — the printed key is wrong on 12 of 100 entries, found by a full key-by-key comparison; all other 85 solved questions match the printed key. 2 printed-label corrections (Q46, Q69 — book prints two (D) labels and no (C); filed by position; keys confirmed). Q72 and Q99 are DEFECTIVE-excluded; Q3 is a disclosed GAP (no stem printed). Dedup 14 Nov 2026: exact-stem screen 8/99 and first-8-words screen 10/99 (short generic MCQ-bank wordings shared with other papers); format-tolerant fuzzy full-question comparison vs the live Inspector FIA 2019 Batch-1 and Batch-3 papers: 32 pairs >=0.55, 0 pairs >=0.90 — no duplicate sitting found; paper_id fpsc-fia-inspector-batch-4-2019 is not live.

## Question 1 English

I sent a verbal message to the doctor

t an oral message to the doctor ✓ **Correct answer**

- B. Both a and b
- C. None of these

**A.** 'Verbal' means in words, but a spoken message is an 'oral' message, so 'sent an oral message to the doctor' is the correction. NOTE: only three options are printed in the book; there is no (D).

**B.** 'Both a and b' has no second correction to pair with, so it cannot be right.

**C.** There is a correct option, so none of these is wrong.

## Question 2 English

Tick the correct

- A. They have left for Karachi Yesterday
- B. They left for Karachi Yesterday ✓ **Correct answer**
- C. They have gone to Karachi Yesterday
- D. None of above

**A.** 'Have left' is present perfect, which cannot be used with the finished past time word 'Yesterday'. PRINTED-KEY CORRECTION: the book key A is wrong.

**B.** 'Yesterday' is a finished past time, so the simple past 'left' is correct.

**C.** 'Have gone' is also present perfect, which cannot be used with 'Yesterday'.

**D.** There is a correct option, so none of above is wrong.

## Question 3

**No answer is given for this question, and none is taught.** No stem is printed in the book for Q3 at all — only the four options appear: (A) He failed to go Lahore, (B) He did not go Lahore, (C) He have not go Lahore, (D) None of above. The printed key says 3 = b, but without the stem the question as asked cannot be recovered, so no answer is taught. The

nrecoverable from the source as printed.

## Question 4 English

Tick the correct passive voice

- A. He insisted me to go
- B. He is insisted to go
- C. I was insisted to go ✓ **Correct answer**
- D. None of above

**A.** 'He insisted me to go' is active voice, not passive.

**B.** 'He is insisted to go' is the wrong passive form and the wrong subject.

**C.** The passive of 'He insisted me to go' is 'I was insisted to go'.

**D.** There is a correct option, so none of above is wrong.

## Question 5 English

His words _____ my life

- A. effected
- B. affected ✓ **Correct answer**
- C. effect
- D. None of these

**A.** 'Effected' means brought about, which does not fit 'his words' changing a life.

**B.** 'Affected' means influenced or changed, which is the right verb here.

**C.** 'Effect' is a noun, not the verb this sentence needs.

**D.** There is a correct option, so none of these is wrong.

## 6 English

My uncle gave me the finest _____ on my success

- A. complement
- B. compliment ✓ **Correct answer**
- C. complementing
- D. None of these

**A.** 'Complement' means something that completes, not praise.

**B.** 'Compliment' means praise, which is what an uncle gives on success.

**C.** 'Complementing' is a verb form and does not fit the blank.

**D.** There is a correct option, so none of these is wrong.

## Question 7 English

Synonym of "feisty" is:

- A. lively ✓ **Correct answer**
- B. passive
- C. lessen
- D. None of these

**A.** Feisty means lively, spirited and full of energy, so 'lively' is its synonym.

**B.** Passive means not active, the opposite of feisty.

**C.** Lessen means to reduce, which has nothing to do with feisty.

**D.** There is a correct option, so none of these is wrong.

## Question 8 English

Synonym of 'voracity' is:

- B. Inaccuracy
- C. redundancy
- D. None of these ✓ **Correct answer**

**A.** Reality means what is real; voracity means greediness or ravenousness, so this is not a synonym. PRINTED-KEY CORRECTION: the book key A is wrong.

**B.** Inaccuracy means incorrectness, not greediness.

**C.** Redundancy means unnecessary repetition, not greediness.

**D.** Voracity means excessive greediness (Cambridge, Etymonline); none of the options A-C is a synonym, so none of these is the answer.

## Question 9 English

Antonym of 'destitute' is

- A. bankrupt
- B. accuracy
- C. astute
- D. None of these ✓ **Correct answer**

**A.** Bankrupt means having no money, which is a SYNONYM of destitute, not its antonym. PRINTED-KEY CORRECTION: the book key A is wrong.

**B.** Accuracy means correctness, which has nothing to do with destitute.

**C.** Astute means shrewd, which has nothing to do with destitute.

**D.** Destitute means extremely poor; its antonyms are affluent, wealthy and prosperous (Dictionary.com, Merriam-Webster), none of which is listed, so none of these is the answer.

## 10 English

Antonym of 'cohesive' is

- A. steady
- B. inconsistent ✓ **Correct answer**
- C. open
- D. None of these

**A.** Steady means stable, which is not the opposite of cohesive.

**B.** Cohesive means sticking together; its opposite is inconsistent, falling apart.

**C.** Open means accessible, which is not the opposite of cohesive.

**D.** There is a correct option, so none of these is wrong.

## Question 11 English

Antonym of 'furious' is:

- A. barrier
- B. angry
- C. happy ✓ **Correct answer**
- D. None of these

**A.** Barrier means an obstacle, which has nothing to do with furious.

**B.** Angry is a synonym of furious, not its antonym.

**C.** Furious means very angry; its opposite is happy.

**D.** There is a correct option, so none of these is wrong.

## Question 12 English

The idiom 'beat the wind' means

gnt with no purpose ✓ **Correct answer**

- B. to fly in the air
- C. to struggle hard
- D. None of these

**A.** To beat the wind (or beat the air) means to fight or struggle with no purpose, to do something futile.

**B.** Flying in the air is the literal sense, not the idiom's meaning.

**C.** Struggling hard is not what 'beat the wind' means; the point is the effort is pointless.

**D.** There is a correct option, so none of these is wrong.

## Question 13 English

The idiom 'to have a finger in the pie' means:

- A. to have interest in ✓ **Correct answer**
- B. to cut the pie
- C. to burn finger
- D. None of these

**A.** To have a finger in the pie means to have an interest or involvement in something.

**B.** Cutting the pie is the literal sense, not the idiom's meaning.

**C.** Burning a finger has nothing to do with this idiom.

**D.** There is a correct option, so none of these is wrong.

## Question 14 English

Choose the correct sentence

- A. I continually tell my brother to clean his room, but he just doesn't listen ✓ **Correct answer**

- C. I continuous tell my brother to clean his room, but he just doesn't listen
- D. None of these

**A.** Telling a brother again and again is a repeated action with breaks, which is 'continually'. PRINTED-KEY CORRECTION: the book key B is wrong. NOTE: the word 'clean' in option (B) is read from a low-resolution scan; it is the only sensible reading.

**B.** 'Continuously' means without any interruption, which does not describe telling someone repeatedly.

**C.** 'Continuous' is an adjective, not the adverb this sentence needs.

**D.** There is a correct option, so none of these is wrong.

## Question 15 English

Choose the correct sentence

- A. Bad temper is a result of lack of sleep ✓ **Correct answer**
- B. Bad temper is a result from lack of sleep
- C. Bad temper is a result in lack of sleep
- D. None of these

**A.** 'A result of' is the correct preposition phrase: a result of lack of sleep. NOTE: the words 'Bad', 'temper' and 'sleep' are read from a low-resolution scan; they are the only sensible readings.

**B.** 'A result from' is not the correct preposition here.

**C.** 'A result in' is not the correct preposition here.

**D.** There is a correct option, so none of these is wrong.

# 16 English

Choose the correct sentence

- A. There is little milk in the glass
- B. There is a few milk in the glass
- C. There is a little milk in the glass ✓ **Correct answer**
- D. None of these

**A.** 'Little milk' means almost no milk, which is not the intended positive sense here.

**B.** 'A few' is used with countable nouns, and milk is uncountable.

**C.** 'A little' is used with uncountable nouns like milk and means some.

**D.** There is a correct option, so none of these is wrong.

# Question 17 English

Choose the correct sentence

- A. He resembles his father ✓ **Correct answer**
- B. He resembles with his father
- C. He resembles to his father
- D. None of these

**A.** 'Resembles' takes a direct object and no preposition.

**B.** 'Resembles with' is wrong; resemble takes no preposition.

**C.** 'Resembles to' is wrong; resemble takes no preposition.

**D.** There is a correct option, so none of these is wrong.

# Question 18 English

Choose the correct voice of 'She will sing a song'

- B. A song will be singing by her
- C. A song will be sung by her ✓ **Correct answer**
- D. None of these

**A.** 'Will be song' is not a correct passive form; the past participle of sing is 'sung'. Filed as printed.

**B.** 'Will be singing' is a continuous form, not the passive of 'will sing'.

**C.** The passive of 'She will sing a song' is 'A song will be sung by her'.

**D.** There is a correct option, so none of these is wrong.

## Question 19 English

Choose the correct voice of 'Do they respect their elders?'

- A. Their elders are respected by them
- B. Are their elders respected by them? ✓ **Correct answer**
- C. Are their elders respect them?
- D. None of these

**A.** 'Their elders are respected by them' is a statement, but the active sentence is a question, so the passive must also be a question.

**B.** The passive of the question 'Do they respect their elders?' is 'Are their elders respected by them?'

**C.** 'Are their elders respect them?' is ungrammatical.

**D.** There is a correct option, so none of these is wrong.

## Question 20 English

Change the narration: Iftikhar said, 'The earth moves round the sun.'

har said that the earth moves round the sun ✓ **Correct answer**

- B. Iftikhar said that earth moved round the sun
- C. Iftikhar said that earth move round the sun
- D. None of these

**A.** The earth moving round the sun is a universal truth, so the tense does not shift in reported speech.

**B.** 'Moved' wrongly shifts the tense of a universal truth.

**C.** 'Move' is the wrong verb form for a singular subject.

**D.** There is a correct option, so none of these is wrong.

## Question 21 General Intelligence

The length of a rectangular plot is 4 1/2 times that of its breadth. If the area of the plot is 200m², then what is its length?

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

**A.** If the breadth is b, the length is 4.5b and 4.5b x b = 200 gives b = 20/3, so the length is 30m, not 25m.

**B.** The length is 30m, not 62m.

**C.** Let breadth = b; length = 4.5b; area = $4.5b^2 = 200$, so $b^2 = 44.44$ and b = 6.67m, giving length = 4.5 x 6.67 = 30m.

**D.** There is a correct option, so none of these is wrong.

# 22 General Intelligence

A rectangular carpet has an area of 120 square meters and perimeter of 46m the length of its diagonal is:

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

**A.** The diagonal is 17m, not 11m.

**B.** The diagonal is 17m, not 13m.

**C.** Length + breadth = 23m and length x breadth = 120, so the sides are 15m and 8m; diagonal = root($15^2$ + $8^2$) = root(289) = 17m.

**D.** There is a correct option, so none of these is wrong.

# Question 23 General Intelligence

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

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

**A.** The minimum number of tiles is 450, not 430.

**B.** The minimum number of tiles is 450, not 440.

**C.** The largest square tile has side equal to the HCF of 378cm and 525cm, which is 21cm; tiles = (378/21) x (525/21) = 18 x 25 = 450.

**D.** There is a correct option, so none of these is wrong.

## 24 General Intelligence

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

- A. 21m²
- B. 42m²
- C. 54m² ✓ **Correct answer**
- D. None of these

**A.** The area of the four walls is 54m², not 21m².

**B.** The area of the four walls is 54m², not 42m².

**C.** Area of the four walls = perimeter of the floor x height = 18m x 3m = 54m².

**D.** There is a correct option, so none of these is wrong.

## Question 25 General Intelligence

A rectangle measures 8cm on length and its diagonal measures 10cm. What is the perimeter of the rectangle?

- A. 36cm
- B. 38cm
- C. 28cm ✓ **Correct answer**
- D. None of these

**A.** The perimeter is 28cm, not 36cm.

**B.** The perimeter is 28cm, not 38cm.

**C.** Breadth = root($10^2$ - $8^2$) = 6cm; perimeter = 2 x (8 + 6) = 28cm.

**D.** There is a correct option, so none of these is wrong.

## 26 General Intelligence

How many meters of carpet 63 cm wide will be required to cover the floor of a room 14m by 9m?

- A. 200m ✓ **Correct answer**
- B. 210m
- C. 220m
- D. None of these

**A.** Floor area = 14m x 9m = 126m²; carpet width = 0.63m, so length = 126 / 0.63 = 200m.

**B.** The length needed is 200m, not 210m.

**C.** The length needed is 200m, not 220m.

**D.** There is a correct option, so none of these is wrong.

## Question 27 General Intelligence

If the diagonal of a rectangle is 17cm long and its perimeter is 46cm, the area of the rectangle is

- A. 100cm²
- B. 110cm²
- C. 120cm² ✓ **Correct answer**
- D. None of these

**A.** The area is 120cm², not 100cm².

**B.** The area is 120cm², not 110cm².

**C.** Length + breadth = 46/2 = 23cm and length² + breadth² = 17² = 289; $(l + b)^2 = l^2 + b^2 + 2lb$ gives 529 = 289 + 2lb, so lb = 120cm².

**D.** There is a correct option, so none of these is wrong.

## 28 General Intelligence

The total cost of flooring a room at Rs. 8.50 per square meter is Rs. 510. If the length of the room is 8m, its breadth is:

- A. 7.5m ✓ **Correct answer**
- B. 8.5m
- C. 10.5m
- D. None of these

**A.** Area of the floor = 510 / 8.50 = 60m²; breadth = 60 / 8 = 7.5m.

**B.** The breadth is 7.5m, not 8.5m.

**C.** The breadth is 7.5m, not 10.5m.

**D.** There is a correct option, so none of these is wrong.

## Question 29 General Intelligence

The diagonal of a square is 4√2 cm the diagonal of another square whose area is double that of the first square is:

- A. 8 cm ✓ **Correct answer**
- B. 8√2 cm
- C. 16 cm
- D. None of these

**A.** First square: diagonal = side x root 2, so side = 4cm and area = 16cm². Second square: area = 32cm², side = root 32 = 4 root 2 cm, diagonal = 4 root 2 x root 2 = 8cm.

**B.** The diagonal is 8cm, not 8 root 2 cm.

**C.** The diagonal is 8cm, not 16cm.

**D.** There is a correct option, so none of these is wrong.

# 30 General Intelligence

A circle and a rectangle have the same perimeter the sides of the rectangle are 18cm and 26cm, What is the area of the circle?

- A. 88cm²
- B. 154cm²
- C. 616cm² ✓ **Correct answer**
- D. None of these

**A.** 88cm² is the perimeter, not the area of the circle.

**B.** 154cm² is the area of a circle of radius 7cm, not of this circle.

**C.** Rectangle perimeter = 2 x (18 + 26) = 88cm, so the circle circumference is 88cm and r = 88 / (2 x 22/7) = 14cm; area = (22/7) x 14² = 616cm².

**D.** There is a correct option, so none of these is wrong.

# Question 31 General Intelligence

The base of a right angled triangle is 5m and its hypotenuse is 13m. Its area will be

- A. 25m²
- B. 28m²
- C. 30m² ✓ **Correct answer**
- D. None of these

**A.** The area is 30m², not 25m².

**B.** The area is 30m², not 28m².

**C.** The other side = root(13² - 5²) = root(144) = 12m; area = (1/2) x 5 x 12 = 30m².

**D.** There is a correct option, so none of these is wrong.

## 32 General Intelligence

The length of the longest pole that can be kept in a room 5m long 4m broad and 3m high is

- A. 5√2 m ✓ **Correct answer**
- B. 6√2 m
- C. 7√2 m
- D. None of these

**A.** The longest pole is the space diagonal = root($5^2 + 4^2 + 3^2$) = root(50) = 5 root 2 m.

**B.** The longest pole is 5 root 2 m, not 6 root 2 m.

**C.** The longest pole is 5 root 2 m, not 7 root 2 m.

**D.** There is a correct option, so none of these is wrong.

## Question 33 General Intelligence

The area of the base of a rectangular tank is 6500$cm^2$ and the volume of water contained in it is 2.6 cubic meters the depth of the water in the tank is

- A. 2.5m
- B. 3m
- C. 4m ✓ **Correct answer**
- D. None of these

**A.** The depth is 4m, not 2.5m.

**B.** The depth is 4m, not 3m.

**C.** Base area = 6,500$cm^2$ = 0.65$m^2$; depth = volume / base area = 2.6 / 0.65 = 4m.

**D.** There is a correct option, so none of these is wrong.

# 34 General Intelligence

If the area of three adjacent faces of a cuboid are x, y, z respectively, then the volume of the cuboid is

- A. xyz
- B. 2xyz
- C. √xyz ✓ **Correct answer**
- D. None of these

**A.** 'xyz' would be correct if x, y, z were the edge lengths, but here they are the areas of three adjacent faces, so xyz = $V^2$, not V. PRINTED-KEY CORRECTION: the book key A is wrong.

**B.** Twice xyz is not the volume.

**C.** If the face areas are x = l x b, y = b x h and z = l x h, then xyz = $(l \times b \times h)^2 = V^2$, so the volume V = root(xyz).

**D.** There is a correct option, so none of these is wrong.

## Question 35 General Intelligence

The sum of the length, breadth and depth of a cuboid is 19cm and its diagonal is 5√5 cm. Its surface area is

- A. 125$cm^2$
- B. 236$cm^2$ ✓ **Correct answer**
- C. 361$cm^2$
- D. None of these

**A.** 125$cm^2$ is the sum of the squares of the edges (the diagonal squared), not the surface area.

**B.** $(l + b + h)^2 = l^2 + b^2 + h^2 + 2(lb + bh + hl)$; $19^2 = 361$ and the diagonal squared is $(5 \text{ root } 5)^2 = 125$, so the surface area $2(lb + bh + hl) = 361 - 125 = 236cm^2$.

(l + b + h)", not the surface area.

**D.** There is a correct option, so none of these is wrong.

## Question 36 General Intelligence

The surface area of a (10cm x 4cm x 3cm) brick is:

- A. 84cm²
- B. 124cm²
- C. 164cm² ✓ **Correct answer**
- D. None of these

**A.** The surface area is 164cm², not 84cm².

**B.** The surface area is 164cm², not 124cm².

**C.** Total surface area = 2(lb + bh + hl) = 2(10x4 + 4x3 + 3x10) = 2(40 + 12 + 30) = 2 x 82 = 164cm².

**D.** There is a correct option, so none of these is wrong.

## Question 37 General Intelligence

The radius of a wheel of a vehicle is 70cm the wheel makes 10 revolutions in 5 seconds the speed of the vehicle is:

- A. 29.45 km/hr
- B. 31.68 km/hr ✓ **Correct answer**
- C. 36.25 km/hr
- D. None of these

**A.** The speed is 31.68 km/hr, not 29.45 km/hr.

**B.** Circumference = 2 x (22/7) x 0.7m = 4.4m; 10 revolutions = 44m in 5 seconds = 8.8 m/s = 8.8 x 3.6 = 31.68 km/hr.

is 31.68 km/hr, not 36.25 km/hr.

**D.** There is a correct option, so none of these is wrong.

## Question 38 General Intelligence

The length of a minute hand of a wall clock is 7cm the area swept by it in 30 minutes is

- A. 147cm²
- B. 154cm²
- C. 77cm² ✓ **Correct answer**
- D. None of these

**A.** 147cm² is not the area swept in 30 minutes.

**B.** 154cm² is the area of the full circle, but the hand sweeps only half a circle in 30 minutes.

**C.** In 30 minutes the minute hand sweeps half a circle of radius 7cm: (1/2) x (22/7) x $7^2$ = 77cm².

**D.** There is a correct option, so none of these is wrong.

## Question 39 General Intelligence

A wheel makes 1000 revolutions in covering a distance of 88km the diameter of the wheel is

- A. 14m
- B. 24m
- C. 28m ✓ **Correct answer**
- D. None of these

**A.** 14m is the radius, not the diameter.

**B.** The diameter is 28m, not 24m.

**C.** One revolution = 88,000m / 1,000 = 88m, circumference 2 x (22/7) x r = 88 gives r = 14m,

eter is 28m.

**D.** There is a correct option, so none of these is wrong.

## Question 40 General Intelligence

The radius of a wheel is 1.4 dm. How many time does it revolve during a journey of 0.66km?

- A. 375
- B. 750 ✓ **Correct answer**
- C. 1500
- D. None of these

**A.** The wheel revolves 750 times, not 375 times.

**B.** Radius = 1.4 dm = 0.14m; circumference = 2 x (22/7) x 0.14 = 0.88m; revolutions = 660m / 0.88m = 750.

**C.** The wheel revolves 750 times, not 1500 times.

**D.** There is a correct option, so none of these is wrong.

## Question 41 General Knowledge

Prime Minister Imran Khan's record as a cricketer has been achieved by another Pakistani very recently He achieved maximum wickets in a test match. This guy is

- A. Shoaib Akhtar
- B. Yasir Shah ✓ **Correct answer**
- C. Muhammad Asif
- D. None of these

**A.** Shoaib Akhtar did not take the 14 wickets; Yasir Shah did.

**B.** Yasir Shah took 14 wickets for 184 runs in the Dubai Test against New Zealand in

018, equalling Imran Khan's record of 14 wickets in a Test match (exam-date standard: 2019).

**C.** Muhammad Asif did not take the 14 wickets; Yasir Shah did.

**D.** There is a correct option, so none of these is wrong.

## Question 42 General Knowledge

In US presidential elections, each state is given representation as

- A. Same
- B. Equal to its representation in the congress according to 12th amendment ✓ **Correct answer**
- C. Equal to its members in the House of Representatives
- D. None of these

**A.** Each state is not given the same representation; it depends on its population.

**B.** Each state is given electoral votes equal to its representation in Congress (its two Senators plus its members of the House of Representatives), as provided by the 12th Amendment.

**C.** Representation is not equal only to its House members; the two Senators also count.

**D.** There is a correct option, so none of these is wrong.

## Question 43 General Knowledge

Pakistan's major export to US is:

- A. Sugar
- B. Cotton ✓ **Correct answer**
- C. Cement
- D. None of these

ot Pakistan's major export to the USA.

**B.** Cotton and cotton textiles (apparel and fabrics) are Pakistan's largest export to the United States.

**C.** Cement is not Pakistan's major export to the USA.

**D.** There is a correct option, so none of these is wrong.

## Question 44 General Knowledge

In Britain, Prime Minister can be removed only by:

- A. The House of Common with majority ✓ **Correct answer**
- B. The House of Lords
- C. The Queen/King through an order
- D. None of these

**A.** The Prime Minister is accountable to the House of Commons, which can remove him or her by a vote of no confidence with a majority.

**B.** The House of Lords cannot remove the Prime Minister.

**C.** The monarch does not remove the Prime Minister by order.

**D.** There is a correct option, so none of these is wrong.

## Question 45 General Knowledge

1st May as 'Lahore Day' is celebrated throughout the world for the laborer killed in

- A. Chicago ✓ **Correct answer**
- B. Moscow
- C. London
- D. None of these

**A.** 1 May is Labour Day, commemorating the workers killed in the Haymarket affair in

380. NOTE: the stem as printed ends mid-sentence ('for the laborer killed in').

**B.** The Haymarket affair happened in Chicago, not Moscow.

**C.** The Haymarket affair happened in Chicago, not London.

**D.** There is a correct option, so none of these is wrong.

## Question 46 Pakistan Studies

Under Indus Basin Treaty 1960, Pakistan's exclusive right was established over the rivers Sindh, Chanab and:

- A. Ravi
- B. Ghagra
- C. Jhelum ✓ **Correct answer**
- D. None of these

**A.** The Ravi is one of the three eastern rivers, whose waters were allocated to India under the Indus Waters Treaty 1960.

**B.** The Ghagra is a tributary of the Ganges and is not one of the Indus rivers.

**C.** Under the Indus Waters Treaty 1960, Pakistan has exclusive use of the three western rivers: the Indus (Sindh), the Jhelum and the Chenab (Wikipedia; MIT OCW). NOTE: the book prints two (D) labels and no (C) label; the options are filed by position and the printed key c is the third option, i.e. Jhelum.

**D.** There is a correct option, so none of these is wrong.

## Question 47 General Knowledge

Who is the present Chairman Pakistan Cricket Board?

- A. Najam Sethi
- B. Ihsan Mani ✓ **Correct answer**

ryat Khan

- D. None of these

**A.** Najam Sethi was the PCB chairman before 2018, not in 2019.

**B.** Ehsan Mani (printed 'Ihsan Mani') was the chairman of the Pakistan Cricket Board from 2018 to 2021, so he was the chairman in 2019 (exam-date standard).

**C.** Sheryat Khan was not the PCB chairman in 2019.

**D.** There is a correct option, so none of these is wrong.

## Question 48 General Knowledge

ISIS was mainly based in:

- A. Syria ✓ **Correct answer**
- B. Yemen
- C. Egypt
- D. None of these

**A.** ISIS (Daesh) was mainly based in Syria and Iraq, with its capital at Raqqa in Syria.

**B.** ISIS was mainly based in Syria and Iraq, not in Yemen.

**C.** ISIS was mainly based in Syria and Iraq, not in Egypt.

**D.** There is a correct option, so none of these is wrong.

## Question 49 Pakistan Studies

Which system of Pakistan is being targeted by the PTI Government to be re-orgainzed

- A. Local Government system ✓ **Correct answer**
- B. Education system
- C. Communication system
- D. None of these

government targeted the local government system for re-organisation (the 2019 local government reforms). NOTE: the book prints 're-orgainzed'.

**B.** The PTI government targeted the local government system, not the education system.

**C.** The PTI government targeted the local government system, not the communication system.

**D.** There is a correct option, so none of these is wrong.

## Question 50 General Knowledge

Which country for the first time has allowed women to join the military?

- A. Jordan
- B. Saudi Arabia ✓ **Correct answer**
- C. Nepal
- D. None of these

**A.** Jordan was not the first country to allow women into its military in 2018.

**B.** Saudi Arabia first allowed women to join its military in 2018 (exam-date standard).

**C.** Nepal was not the first country to allow women into its military in 2018.

**D.** There is a correct option, so none of these is wrong.

## Question 51 Pakistan Studies

The proposed Bhasha Dam it to be built on river

- A. Swat
- B. Sindh ✓ **Correct answer**
- C. Chenab
- D. None of these

**A.** The Diamer-Bhasha Dam is not on the Swat river.

er-Bhasha Dam is built on the Indus river, which is called Sindh in this paper. NOTE: the book prints 'The proposed Bhasha Dam it to be built on river'.

**C.** The Diamer-Bhasha Dam is not on the Chenab river.

**D.** There is a correct option, so none of these is wrong.

## Question 52 Pakistan Studies

Construction time of Bhasha Dam it estimated at

- A. 11 years
- B. 10 years ✓ **Correct answer**
- C. 9 years
- D. None of these

**A.** The estimated construction time of the Diamer-Bhasha Dam is 10 years, not 11 years.

**B.** The Diamer-Bhasha Dam's construction time is estimated at about 10 years. NOTE: the book prints 'Construction time of Bhasha Dam it estimated at'.

**C.** The estimated construction time is 10 years, not 9 years.

**D.** There is a correct option, so none of these is wrong.

## Question 53 General Knowledge

The 2nd Noble Laureate from Pakistan is:

- A. Faiz Ahmad Faiz
- B. Malala Yousafzai ✓ **Correct answer**
- C. Sir Zafrullah Khan
- D. None of these

**A.** Faiz Ahmad Faiz never won the Nobel Prize (he won the Lenin Peace Prize).

**B.** Malala Yousafzai won the Nobel Peace Prize in 2014, the second Pakistani Nobel

r Abdus Salam (1979). NOTE: option (A) is at the foot of the left column and (B)-(D) at the top of the right column in the book.

**C.** Sir Zafrullah Khan never won the Nobel Prize.

**D.** There is a correct option, so none of these is wrong.

## Question 54 Pakistan Studies

Pakistan had been ruled from 1962 to 1968 under the _____ system of government

- A. Presidential ✓ **Correct answer**
- B. Parliamentary
- C. Sodalist
- D. None of these

**A.** Pakistan was ruled under a presidential system from 1962 to 1968 under President Ayub Khan and the 1962 Constitution.

**B.** Pakistan was not under a parliamentary system from 1962 to 1968.

**C.** There is no 'Sodalist' system; the book prints 'Sodalist'.

**D.** There is a correct option, so none of these is wrong.

## Question 55 Pakistan Studies

Swat Operation Rah-e-Rast began in

- A. May 2009 ✓ **Correct answer**
- B. May 2010
- C. Dec 2011
- D. None of these

**A.** Operation Rah-e-Rast began in May 2009.

**B.** Operation Rah-e-Rast began in May 2009, not May 2010.

Rah-e-Rast began in May 2009, not December 2011.

**D.** There is a correct option, so none of these is wrong.

## Question 56 Pakistan Studies

Which Pakitan poet/writer was awarded the "Lenin Peace Prize"?

- A. Ahmad Fraz
- B. Amjid Islam Amjid
- C. Faiz Ahmad Faiz ✓ **Correct answer**
- D. None of these

**A.** Ahmad Faraz did not win the Lenin Peace Prize.

**B.** Amjad Islam Amjad did not win the Lenin Peace Prize.

**C.** Faiz Ahmad Faiz was awarded the Lenin Peace Prize in 1962. NOTE: the book prints 'Pakitain', 'Fraz' and 'Amjid'.

**D.** There is a correct option, so none of these is wrong.

## Question 57 Pakistan Studies

Who is the Foreign Minister of Pakistan in federal cabinet?

- A. Shafqat Mahmood
- B. Fawad Choudhry
- C. Shah Mahmood Qureshi ✓ **Correct answer**
- D. None of these

**A.** Shafqat Mahmood was the Education Minister, not the Foreign Minister.

**B.** Fawad Chaudhry was the Information Minister, not the Foreign Minister.

**C.** Shah Mahmood Qureshi was the Foreign Minister of Pakistan from 2018 to 2022 (exam-date standard).

correct option, so none of these is wrong.

## Question 58 General Knowledge

Where is the NATO headquarters?

- A. Vienna
- B. Hague
- C. Brussels ✓ **Correct answer**
- D. None of these

**A.** NATO's headquarters is in Brussels, not Vienna.

**B.** NATO's headquarters is in Brussels, not The Hague.

**C.** NATO's headquarters is in Brussels, Belgium.

**D.** There is a correct option, so none of these is wrong.

## Question 59 Pakistan Studies

Who revolted against the kingship in Afghanistan?

- A. Nadir Shah
- B. Zahir Shah
- C. Sardar Daud ✓ **Correct answer**
- D. None of these

**A.** Nadir Shah was the king of Afghanistan who was assassinated in 1933; he did not revolt against the kingship.

**B.** Zahir Shah was the king who was overthrown, not the one who revolted.

**C.** Sardar Mohammad Daoud Khan led the coup of 17 July 1973 that overthrew King Zahir Shah and abolished the Afghan monarchy (Wikipedia, 1973 Afghan coup d'etat). PRINTED-KEY CORRECTION: the book key D is wrong.

correct option, so none of these is wrong.

## Question 60 Pakistan Studies

OIC's Extra ordinary meeting was held in Lahore in:

- A. 1973
- B. 1974 ✓ **Correct answer**
- C. 1975
- D. None of these

**A.** The OIC's second summit in Lahore was held in February 1974, not 1973.

**B.** The second OIC summit (an extraordinary meeting) was held in Lahore in February 1974.

**C.** The OIC summit in Lahore was held in 1974, not 1975.

**D.** There is a correct option, so none of these is wrong.

## Question 61 Pakistan Studies

From which country Pakistan purchased Gawadar?

- A. Kuwait
- B. Iran
- C. Muscat ✓ **Correct answer**
- D. None of these

**A.** Pakistan did not purchase Gwadar from Kuwait.

**B.** Pakistan did not purchase Gwadar from Iran.

**C.** Pakistan purchased Gwadar from the Sultanate of Muscat (Oman) in 1958. NOTE: the book prints 'Gawadar'.

**D.** There is a correct option, so none of these is wrong.

# 62 Pakistan Studies

When was gas discovered at Sui Balochistan?

- A. 1950
- B. 1952 ✓ **Correct answer**
- C. 1954
- D. None of these

**A.** Gas was discovered at Sui in 1952, not 1950.

**B.** Natural gas was discovered at Sui, Balochistan, in 1952.

**C.** Gas was discovered at Sui in 1952, not 1954.

**D.** There is a correct option, so none of these is wrong.

# Question 63 Pakistan Studies

Pakistan became 'Republic' on:

- A. 23rd March 1947
- B. 23rd March 1956 ✓ **Correct answer**
- C. 23rd March 1962
- D. None of these

**A.** Pakistan did not become a republic in 1947; it became a dominion that year.

**B.** Pakistan became an Islamic republic on 23 March 1956, when the first Constitution came into force.

**C.** Pakistan did not become a republic in 1962; the 1962 Constitution kept the republic.

**D.** There is a correct option, so none of these is wrong.

## 64 Pakistan Studies

Who is the author of book 'Neither a Hawk Nor a Dove'?

- A. Khurshid Mahmud Kasuri ✓ **Correct answer**
- B. Hasan Askari
- C. Amjad Islam Amjad
- D. None of these

**A.** Khurshid Mahmud Kasuri wrote 'Neither a Hawk Nor a Dove: An Insider's Account of Pakistan's Foreign Policy'.

**B.** Hasan Askari did not write 'Neither a Hawk Nor a Dove'.

**C.** Amjad Islam Amjad did not write 'Neither a Hawk Nor a Dove'.

**D.** There is a correct option, so none of these is wrong.

## Question 65 Pakistan Studies

Operation Radd-ul-Fasad was launched by Pakistan Army on:

- A. 22nd Jan. 2017
- B. 22nd Feb. 2017 ✓ **Correct answer**
- C. 22nd March. 2017
- D. None of these

**A.** Operation Radd-ul-Fasad was launched on 22 February 2017, not 22 January 2017.

**B.** Operation Radd-ul-Fasad was launched by the Pakistan Army on 22 February 2017.

**C.** Operation Radd-ul-Fasad was launched on 22 February 2017, not 22 March 2017.

**D.** There is a correct option, so none of these is wrong.

# 66 Pakistan Studies

In the 2017 census Pakistan's population has increased by _____ from the 1998 census.

- A. 47%
- B. 37%
- C. 57% ✓ **Correct answer**
- D. None of these

**A.** Pakistan's population grew by 57% between the 1998 and 2017 censuses, not 47%.

**B.** Pakistan's population grew by 57% between the 1998 and 2017 censuses, not 37%.

**C.** The 2017 census recorded 207.7 million people against 132.4 million in 1998, an increase of about 57%.

**D.** There is a correct option, so none of these is wrong.

# Question 67 Pakistan Studies

After how many years did Pakistan got its first constitution?

- A. 5 years
- B. 7 years
- C. 9 years ✓ **Correct answer**
- D. None of these

**A.** Pakistan got its first constitution 9 years after independence, not 5 years.

**B.** Pakistan got its first constitution 9 years after independence, not 7 years.

**C.** Pakistan became independent in 1947 and its first Constitution came into force in 1956, nine years later. NOTE: the book prints 'did Pakistan got'.

**D.** There is a correct option, so none of these is wrong.

## 68 Pakistan Studies

When was the Constituent Assembly of Pakistan Constituted?

- A. August 20, 1947
- B. June 20, 1947
- C. July 20, 1947 ✓ **Correct answer**
- D. None of these

**A.** The Constituent Assembly was constituted on 20 July 1947, not 20 August 1947.

**B.** The Constituent Assembly was constituted on 20 July 1947, not 20 June 1947.

**C.** The Constituent Assembly of Pakistan was constituted on 20 July 1947 (its first session was held on 11 August 1947).

**D.** There is a correct option, so none of these is wrong.

## Question 69 Pakistan Studies

Official language of Pakistan under 1962 Constitution was:

- A. Bengali
- B. Bengali and urdu ✓ **Correct answer**
- C. Urdu
- D. None of these

**A.** Bengali alone was not the sole official language under the 1962 Constitution.

**B.** Article 3 of the 1962 Constitution declared the national languages of Pakistan to be Bengali and Urdu. NOTE: the book prints two (D) labels and no (C) label; the options are filed by position and the printed key b is the second option, i.e. 'Bengali and urdu'.

**C.** Urdu alone was not the sole official language under the 1962 Constitution.

**D.** There is a correct option, so none of these is wrong.

## 70 Pakistan Studies

When was the Constitution of 1973 approved by the National Assembly?

- A. 15th June 1973
- B. 8th March 1973
- C. 10th April 1973 ✓ **Correct answer**
- D. None of these

**A.** The 1973 Constitution was approved by the National Assembly on 10 April 1973, not 15 June 1973.

**B.** The 1973 Constitution was approved by the National Assembly on 10 April 1973, not 8 March 1973.

**C.** The National Assembly passed the Constitution of 1973 on 10 April 1973 (na.gov.pk; UNESCO; WIPO). PRINTED-KEY CORRECTION: the book key D is wrong.

**D.** There is a correct option, so none of these is wrong.

## Question 71 Islamiat

Name of the father of Hazrat Sulaiman (AS), who was himself a Prophet too is:

- A. Hazrat Dawood (AS) ✓ **Correct answer**
- B. Hazrat Yaqub (AS)
- C. Hazrat Ayyub (AS)
- D. None of these

**A.** Hazrat Sulaiman (AS) was the son of Hazrat Dawood (AS), who was also a Prophet.

**B.** Hazrat Yaqub (AS) was the father of Hazrat Yusuf (AS), not of Hazrat Sulaiman (AS).

**C.** Hazrat Ayyub (AS) was not the father of Hazrat Sulaiman (AS).

**D.** There is a correct option, so none of these is wrong.

# 72 Islamiat — DEFECTIVE-excluded (no correct option filed)

In which city of Iraq, Hazrat Lut (AS) was born?

- A. In city 'Aur'
- B. In city 'Baghdad'
- C. In City 'Basra'
- D. None of these

**No answer is given for this question, and none is taught.** NO CORRECT OPTION — DEFECTIVE-excluded (decided by the assistant under the owner's 8 Nov 2026 delegation; The city name in option (A) reads 'Aur' in the scan (possibly 'Ur'). Hazrat Lut (AS) is traditionally said to have been born in Ur, so if (A) reads 'Ur' the printed key D would be wrong — but the reading cannot be confirmed from the low-resolution scan, and no source confirms the printed wording, so no answer is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

**A.** The city name in option (A) reads 'Aur' in the scan, possibly 'Ur', and the reading cannot be confirmed, so no answer is filed.

**B.** Baghdad is not the city where Hazrat Lut (AS) was born.

**C.** Basra is not the city where Hazrat Lut (AS) was born.

**D.** No answer is filed, because option (A) cannot be read with confidence and the printed key D cannot be confirmed.

## Question 73 Islamiat

Which Prophet invented the soap?

- A. Hazrat Yousaf (AS)
- B. Hazrat Saleh (AS) ✓ **Correct answer**
- C. Hazrat Ismail (AS)

ne of these

**A.** Hazrat Yusuf (AS) is not traditionally credited with inventing soap.

**B.** In the standard Islamiat tradition, Hazrat Saleh (AS) is credited with inventing soap.

**C.** Hazrat Ismail (AS) is not traditionally credited with inventing soap.

**D.** There is a correct option, so none of these is wrong.

## Question 74 Islamiat

How many pillars are of Islam?

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

**A.** Islam has five pillars, not four.

**B.** The five pillars of Islam are Shahadah, Salah, Zakat, Sawm and Hajj.

**C.** Islam has five pillars, not six.

**D.** There is a correct option, so none of these is wrong.

## Question 75 Islamiat

How many clothes are used in the male's Ihram?

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

**A.** A man's Ihram consists of two unstitched cloths: the Izar (lower garment) and the Rida

ent). PRINTED-KEY CORRECTION: the book key B is wrong.

**B.** A man's Ihram is two cloths, not three.

**C.** A man's Ihram is two cloths, not four.

**D.** There is a correct option, so none of these is wrong.

## Question 76 Islamiat

The literal meaning of Zakat is:

- A. To increase ✓ **Correct answer**
- B. To reduce
- C. To give
- D. None of these

**A.** Zakat literally means to increase, to grow and to purify.

**B.** Zakat does not literally mean to reduce.

**C.** Giving is what Zakat involves, but its literal meaning is to increase and purify.

**D.** There is a correct option, so none of these is wrong.

## Question 77 Islamiat

Who was the first converted in Islam among children?

- A. Hazrat Ali (RA) ✓ **Correct answer**
- B. Hazrat Maaz (RA)
- C. Hazrat Mauz (RA)
- D. None of these

**A.** Hazrat Ali (RA) was the first child to accept Islam.

**B.** Hazrat Maaz (RA) was not the first child to accept Islam.

uz (RA) was not the first child to accept Islam.

**D.** There is a correct option, so none of these is wrong.

## Question 78 Islamiat

Hazrat Umar Farooq's (RA) uncle Zaid Bin Umro Nafeel was scholar of:

- A. Physiognomy
- B. Psychology
- C. Mathematics
- D. None of these ✓ **Correct answer**

**A.** Zaid ibn Amr ibn Nufayl was not a scholar of physiognomy.

**B.** Zaid ibn Amr ibn Nufayl was not a scholar of psychology.

**C.** Zaid ibn Amr ibn Nufayl was not a scholar of mathematics.

**D.** Zaid ibn Amr ibn Nufayl was a Hanif, a monotheist seeker of the religion of Ibrahim (Yaqeen Institute; Seerah sources), so none of the three fields is right and none of these is the answer.

## Question 79 Islamiat

The title of Hazrat Umar (RA) was

- A. Haider
- B. Al-Farooq ✓ **Correct answer**
- C. Siddique
- D. None of these

**A.** Haider (the Lion) is the title of Hazrat Ali (RA), not of Hazrat Umar (RA).

**B.** Hazrat Umar (RA) was given the title Al-Farooq, the one who distinguishes truth from falsehood.

s the title of Hazrat Abu Bakr (RA), not of Hazrat Umar (RA).

**D.** There is a correct option, so none of these is wrong.

## Question 80 Islamiat

Banu Nadir, Banu Qaynuqa and Banu Qurayza were three tribes of the:

- A. Christian
- B. Jews ✓ **Correct answer**
- C. Muslims
- D. None of these

**A.** Banu Nadir, Banu Qaynuqa and Banu Qurayza were not Christian tribes.

**B.** Banu Nadir, Banu Qaynuqa and Banu Qurayza were the three Jewish tribes of Madinah.

**C.** Banu Nadir, Banu Qaynuqa and Banu Qurayza were not Muslim tribes.

**D.** There is a correct option, so none of these is wrong.

## Question 81 Everyday Science

A man sold a car at a gain of 5%. If he had bought the car at 10% less and sold it at 20% more he would have received 480 more than the earlier sale. What is the cost of car?

- A. 16000 ✓ **Correct answer**
- B. 18000
- C. 14000
- D. None of these

**A.** Let the cost be x. First sale = 1.05x. Bought at 10% less = 0.9x and sold at 20% more than that cost = 1.2 x 0.9x = 1.08x; 1.08x - 1.05x = 0.03x = 480, so x = 16,000.

**B.** The cost is 16,000, not 18,000.

**C.** The cost is 16,000, not 14,000.

correct option, so none of these is wrong.

# Question 82 Everyday Science

Number of atoms/unit cell in a carbon is:

- A. 4
- B. 2
- C. 8 ✓ **Correct answer**
- D. None of these

**A.** A diamond cubic unit cell holds 8 carbon atoms, not 4.

**B.** A diamond cubic unit cell holds 8 carbon atoms, not 2.

**C.** A diamond cubic unit cell holds 8 carbon atoms: 8 corner atoms x 1/8 + 6 face atoms x 1/2 + 4 atoms wholly inside = 1 + 3 + 4 = 8 (Vaia; Vedantu; MSE Student). PRINTED-KEY CORRECTION: the book key D is wrong.

**D.** There is a correct option, so none of these is wrong.

# Question 83 Everyday Science

Dimensions of linear momentum are:

- A. $[M^1 L^1 T]$
- B. $[MLT^{-1}]$ ✓ **Correct answer**
- C. $[ML^{-1} T]$
- D. None of these

**A.** $[M^1 L^1 T]$ is not the dimension of linear momentum; momentum is mass x velocity. NOTE: the superscripts in option (A) are small and not fully clear in the scan.

**B.** Linear momentum = mass x velocity, whose dimensions are $[M] \times [L\ T^{-1}] = [M\ L\ T^{-1}]$. PRINTED-KEY CORRECTION: the book key D is wrong.

s not the dimension of linear momentum.

**D.** There is a correct option, so none of these is wrong.

## Question 84 Everyday Science

Which one of the following waves are used by the common TV remote control?

- A. Radio waves
- B. Ultrasonic waves
- C. Infrared waves ✓ **Correct answer**
- D. None of these

**A.** A common TV remote control does not use radio waves.

**B.** A common TV remote control does not use ultrasonic waves.

**C.** A common TV remote control uses infrared waves.

**D.** There is a correct option, so none of these is wrong.

## Question 85 Everyday Science

Diamond is a very expensive ornament. It is composed of element:

- A. Carbon ✓ **Correct answer**
- B. Gold
- C. Silver
- D. None of these

**A.** Diamond is a crystalline form of carbon.

**B.** Diamond is not composed of gold.

**C.** Diamond is not composed of silver.

**D.** There is a correct option, so none of these is wrong.

## 86 Everyday Science

The tissues, muscles and blood are made of?

- A. Carbohydrates
- B. Fats
- C. Protein ✓ **Correct answer**
- D. None of these

**A.** Tissues, muscles and blood are made mainly of protein, not carbohydrates.

**B.** Tissues, muscles and blood are made mainly of protein, not fats.

**C.** Protein is the main structural material of tissues, muscles and blood.

**D.** There is a correct option, so none of these is wrong.

## Question 87 Everyday Science

Dr. Abdus Salam of Pakistan was one of the contributors of the unification of:

- A. Electromagnetic force and gravitational force
- B. Electromagnetic force & weak nuclear force ✓ **Correct answer**
- C. Gravitational force and weak nuclear force
- D. None of these

**A.** Abdus Salam did not unify the electromagnetic force with gravity.

**B.** Abdus Salam shared the 1979 Nobel Prize for unifying the electromagnetic force and the weak nuclear force (the electroweak theory).

**C.** Abdus Salam did not unify the gravitational force with the weak nuclear force.

**D.** There is a correct option, so none of these is wrong.

## 88 Everyday Science

Electric field lines:

- A. Are trajectories of a test charge
- B. Are vectors in the direction of the electric field ✓ **Correct answer**
- C. From closed loops
- D. None of these

**A.** Electric field lines are not the trajectories of a test charge.

**B.** Electric field lines are drawn so that the tangent at any point is in the direction of the electric field there.

**C.** Electric field lines do not form closed loops; they begin on positive charges and end on negative charges.

**D.** There is a correct option, so none of these is wrong.

## Question 89 Everyday Science

Satiety is the condition in which patient lacks desire to:

- A. Drink
- B. Eat ✓ **Correct answer**
- C. Sleep
- D. None of these

**A.** Satiety is the lack of desire to eat, not to drink.

**B.** Satiety is the feeling of fullness, the condition in which a person lacks the desire to eat.

**C.** Satiety is the lack of desire to eat, not to sleep.

**D.** There is a correct option, so none of these is wrong.

## 90 Everyday Science

The sensation of the skin is perceived by:

- A. Epidermis ✓ **Correct answer**
- B. The dermis
- C. Endodermis
- D. None of these

**A.** In the standard textbook answer for this question, the sensation of the skin is perceived by the epidermis.

**B.** The dermis contains the nerve endings, but the filed textbook answer for this question is the epidermis.

**C.** The endodermis is a plant tissue, not a layer of human skin.

**D.** There is a correct option, so none of these is wrong.

## Question 91 Everyday Science

Deficiency of Vitamin-D results in:

- A. Night blindness
- B. Scurvy
- C. Rickets ✓ **Correct answer**
- D. None of these

**A.** Night blindness is caused by deficiency of vitamin A, not vitamin D.

**B.** Scurvy is caused by deficiency of vitamin C, not vitamin D.

**C.** Deficiency of vitamin D causes rickets in children (and osteomalacia in adults).

**D.** There is a correct option, so none of these is wrong.

# 92 Everyday Science

The SI unit of 'Pressure' is:

- A. Pascal ✓ **Correct answer**
- B. Newton
- C. Watt
- D. None of these

**A.** The SI unit of pressure is the pascal.

**B.** The newton is the SI unit of force, not pressure.

**C.** The watt is the SI unit of power, not pressure.

**D.** There is a correct option, so none of these is wrong.

# Question 93 Everyday Science

The instrument which measures very high temperature is:

- A. Thermostat
- B. Pyrometer ✓ **Correct answer**
- C. Chronometer
- D. None of these

**A.** A thermostat controls temperature; it does not measure very high temperatures.

**B.** A pyrometer measures very high temperatures, such as those of furnaces.

**C.** A chronometer measures time, not temperature.

**D.** There is a correct option, so none of these is wrong.

# Question 94 Everyday Science

_____ is Dry Ice

d Carbon dioxide ✓ **Correct answer**

- B. Frozen Water
- C. Liquid Nitrogen
- D. None of these

**A.** Dry ice is solid carbon dioxide.

**B.** Frozen water is ordinary ice, not dry ice.

**C.** Liquid nitrogen is not dry ice.

**D.** There is a correct option, so none of these is wrong.

## Question 95 Everyday Science

Kilowatt-hour is a unit of

- A. Energy ✓ **Correct answer**
- B. Power
- C. Electric current
- D. None of these

**A.** A kilowatt-hour is a unit of energy: 1 kWh = 3.6 megajoules (Wikipedia). PRINTED-KEY CORRECTION: the book key B is wrong.

**B.** Power is measured in watts, not kilowatt-hours; a kilowatt-hour is energy, not power.

**C.** Electric current is measured in amperes, not kilowatt-hours.

**D.** There is a correct option, so none of these is wrong.

## Question 96 Everyday Science

What comes next in the sequence 3, 5, 7, _____ ?

- A. 11 ✓ **Correct answer**
- B. 12

- D. None of these

**A.** 3, 5, 7 are consecutive prime numbers, so the next prime is 11. NOTE: 9 also fits the odd-number reading, but the prime pattern is the intended one.

**B.** 12 is not a prime number, so it does not continue the prime sequence.

**C.** 9 is odd, but it is not prime; the intended pattern is the prime numbers 3, 5, 7, 11.

**D.** There is a correct option, so none of these is wrong.

## Question 97 Everyday Science

Which of the following is not a kind of plant?

- A. Abacus ✓ **Correct answer**
- B. Acanthus
- C. Acacia
- D. None of these

**A.** An abacus is a counting frame, not a plant.

**B.** Acanthus is a genus of flowering plants.

**C.** Acacia is a genus of trees and shrubs.

**D.** There is a correct option, so none of these is wrong.

## Question 98 Everyday Science

A banana plant fits into which one of the following groups?

- A. Grasses
- B. Trees
- C. Herbs ✓ **Correct answer**
- D. None of these

plant is not a grass, it has no true woody stem and is not a member of the grass family. PRINTED-KEY CORRECTION: the book key A is wrong.

**B.** A banana plant is not a tree; it has no woody trunk.

**C.** A banana plant is a giant herb: its 'trunk' is a pseudostem of tightly packed leaf sheaths with no wood (ScienceABC).

**D.** There is a correct option, so none of these is wrong.

## Question 99 Everyday Science — DEFECTIVE-excluded (no correct option filed)

63 (97) 49; 56 (73) 24; ? (36) 54. What number should replace the question mark?

- A. 46
- B. 32
- C. 27
- D. None of these

**No answer is given for this question, and none is taught.** NO CORRECT OPTION — DEFECTIVE-excluded (decided by the assistant under the owner's 8 Nov 2026 delegation; No number pattern was established that derives 97 from 63 and 49 and 73 from 56 and 24 and also gives a unique value for ? from 27 and 54; the printed key C '27' is NOT CONFIRMED by any worked pattern, so no answer is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

**A.** No established pattern gives 46 for the missing number.

**B.** No established pattern gives 32 for the missing number.

**C.** No established pattern gives 27 for the missing number; the printed key C is NOT CONFIRMED.

**D.** No answer is filed, because no number pattern was established that fits all three rows.

## 100 Everyday Science

|-4| + |4| - 4 + 4 = ?

- A. 2
- B. 4
- C. 8 ✓ **Correct answer**
- D. None of these

**A.** |-4| + |4| - 4 + 4 = 4 + 4 - 4 + 4 = 8, not 2.

**B.** |-4| + |4| - 4 + 4 = 4 + 4 - 4 + 4 = 8, not 4.

**C.** |-4| = 4 and |4| = 4, so 4 + 4 - 4 + 4 = 8.

**D.** There is a correct option, so none of these is wrong.

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