Patrol Officer (BS-14), National Highways & Motorways Police — 2019 · Solved Past Paper

Body: Federal Public Service Commission (FPSC) · **Post:** Patrol Officer (BS-14), National Highways & Motorways Police · **Year:** 2019 · **Questions:** 100 in the original paper — **96 solved and verified**, 4 excluded as defective (Q49, Q51, Q54, Q85) · **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 121 (FPSC Patrol Officer in Motorways Police BS-14, 2019, Case No. F 4.25/2019 R, Batch 1, 100 questions), Scribd doc 502354168, viewer pages 534-538 (book pp. 540-544), fetched 14 Nov 2026. PART-I (ENGLISH) Q1-20; PART-II (GENERAL INTELLIGENCE) Q21-100. 15 printed-key corrections (Q2 'to someone's face' idiom; Q16 'had better' + bare infinitive; Q18 'could not help' + -ing; Q19 'such … as'; Q53 ABM Treaty withdrawal under President George W. Bush, 13 Dec 2001; Q58 Ufa is a city of Russia; Q66 Radio Pakistan founded 14 Aug 1947; Q72 a Hadith has two parts, Sanad + Matn; Q76 sanad literally means 'support'; Q83 planets move by gravitational pull; Q89 moment of linear momentum is angular momentum, not among the options; Q93 water has the highest specific heat; Q94 force x velocity is power; Q98 luminous efficiency is lumen per watt; Q100 light polarizes because it is a transverse wave, not among the options). 4 PICK-ONE (Q28 missing-number puzzle 234(333)257 345(_____)678; Q47 JCPOA options A/B partly unreadable; Q71 option B 'Ilm Al-???' unreadable; Q88 torque dimensions match both kinetic energy and pressure energy). 4 DEFECTIVE-excluded (Q49 options B and C both read '12'; Q51 stem garbled 'Pakistan

which is a.', Q54 options B/C unreadable; Q85 option B has no text visible in the scan). Q21-Q40 are maths, every one verified by computation. Q55 is Eisenhower's 'Chance for Peace' speech, 16 Apr 1953 (the print says 'more than 36 cities'; the true text is 30 cities). Dedup 14 Nov 2026: live index (877 entries) has no patrol-officer/motorways paper; vs live Inspector ASF 2004: 0 exact, 0 first-8-words, 18/100 fuzzy >=0.55, 1 >=0.90 (generic maths template Q32); vs live Inspector ASF 2009 MP118: 0 exact, 0 first-8-words, 11/100 fuzzy >=0.55, 0 >=0.90; vs live Inspector ASF 2009 MP119: 0 exact, 0 first-8-words, 11/100 fuzzy >=0.55, 0 >=0.90; vs live Inspector ASF 2010: 0 exact, 0 first-8-words, 15/100 fuzzy >=0.55, 0 >=0.90; vs live Inspector ASF 2011: 0 exact, 0 first-8-words, 8/100 fuzzy >=0.55, 0 >=0.90; vs live Inspector ASF 2012: 0 exact, 0 first-8-words, 7/100 fuzzy >=0.55, 0 >=0.90; vs live Inspector ASF 2015: 0 exact, 0 first-8-words, 16/100 fuzzy >=0.55, 0 >=0.90; vs live Inspector ASF batch2-2024: 0 exact, 0 first-8-words, 6/100 fuzzy >=0.55, 0 >=0.90. Distinct sitting, not a duplicate.

Question 1 English — Fill in the blanks

He was not allowed to sit _____ the examination.

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

A. Wrong: 'sit to the examination' is not an English construction.

B. Correct: 'sit for an examination' is the fixed phrase — to take an examination. (The printed key B agrees.)

C. Wrong: 'sit about the examination' is not an English construction.

D. Wrong: option B is correct, so 'None of these' fails.

2 English — Fill in the blanks

I said it _____ his face.

- A. upon
- B. on
- C. to ✓ **Correct answer**
- D. None of these

A. Wrong: 'upon his face' is not the idiom. The printed key records A (upon), but the idiom is 'to someone's face'.

B. Wrong: 'on his face' is not the idiom either — the fixed phrase uses 'to'.

C. Correct: 'to someone's face' is the idiom — to say something directly to a person. (Cambridge Dictionary: 'to someone's face'.) The printed key (A) is wrong; C is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

D. Wrong: option C is correct, so 'None of these' fails.

Question 3 English — Fill in the blanks

Don't let him _____ you.

- A. deceive ✓ **Correct answer**
- B. deceiving
- C. to deceive
- D. None of these

A. Correct: after 'let', the bare infinitive is used — 'let him deceive you'. (The printed key A agrees.)

B. Wrong: 'let him deceiving you' breaks the bare-infinitive rule after 'let'.

C. Wrong: 'let him to deceive you' is wrong — 'let' never takes 'to' before the verb.

D. Wrong: option A is correct, so 'None of these' fails.

4 English — Fill in the blanks

Columbus _____ America were than four hundred years ago.

- A. has discovered
- B. discovered ✓ **Correct answer**
- C. had discovered
- D. None of these

A. Wrong: 'has discovered' is present perfect — it cannot go with a finished past time ('more than four hundred years ago').

B. Correct: 'discovered' — simple past for a finished event long ago. (The printed key B agrees.) The stem prints 'were' where the sense is 'more' — filed as printed.

C. Wrong: 'had discovered' (past perfect) needs a second, later past event to be measured against — there is none here.

D. Wrong: option B is correct, so 'None of these' fails.

Question 5 English — Fill in the blanks

He sat _____ the shade of the tree.

- A. under ✓ **Correct answer**
- B. below
- C. beneath
- D. None of these

A. Correct: 'under the shade' is the fixed phrase for sitting in shade. (The printed key A agrees.)

B. Wrong: 'below the shade' is not the natural phrase for shade.

C. Wrong: 'beneath the shade' is possible in poetry but not the standard phrase — 'under' is the answer the paper wants.

otion A is correct, so 'None of these' fails.

Question 6 English — Error spotting

He is planning to settle (1) in Lahore as soon as (2) he will retire (3) in April next year.

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

A. Wrong: (1) 'is planning to settle' is correct — present continuous for a plan.

B. Wrong: (2) 'as soon as' is the right conjunction here.

C. Correct: (3) 'he will retire' is the mistake — after 'as soon as' with a future meaning, the present simple is used ('as soon as he retires'). (The printed key for Q6 is illegible in the scan; the answer is decided by the time-clause rule.)

D. Wrong: part (3) contains the error, so 'None of these' fails.

Question 7 English — Error spotting

Did not your teacher (1) instruct you to revise your answer (2) if time was available (3).

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

A. Wrong: (1) 'Did not your teacher' is a correct formal negative question.

B. Wrong: (2) 'to revise your answer' is correct after 'instruct'.

C. Correct: (3) 'if time was available' is the mistake in formal exam English — in a hypothetical if-clause the past subjunctive 'were' is the standard form ('if time were

The printed key C agrees.)

D. Wrong: part (3) contains the error, so 'None of these' fails.

Question 8 English — Error spotting

It is me (1) who (2) called you here to contact me (3).

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

A. Correct: (1) 'me' is the mistake — after 'It is', the nominative 'I' is required ('It is I who called you'). (The printed key A agrees.)

B. Wrong: (2) 'who' is correct — it refers to 'I'.

C. Wrong: (3) 'contact me' is correct — 'me' is the object of 'contact'.

D. Wrong: part (1) contains the error, so 'None of these' fails.

Question 9 English — Error spotting

Except be (1) all (2) were (3) present there.

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

A. Correct: (1) 'be' is the mistake — after 'Except', the object pronoun 'me' is required ('Except me, all were present'). (The printed key A agrees.)

B. Wrong: (2) 'all' is correct as the subject.

C. Wrong: (3) 'were' is the correct past-tense verb for 'all'.

art (1) contains the error, so 'None of these' fails.

Question 10 English — Error spotting

When he visited the fair (1) last time accompanying (2) his friend, he bought no less (3) than twenty.

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

A. Wrong: (1) 'the fair' is correct as the object of 'visited'.

B. Wrong: (2) 'accompanying' is a correct participle describing how he visited.

C. Correct: (3) 'no less' is the mistake — with a countable number (twenty things), 'fewer' is required ('no fewer than twenty'). (The printed key C agrees.)

D. Wrong: part (3) contains the error, so 'None of these' fails.

Question 11 English — Do as directed

He ran more quickly than I. The underlined part is: "more quickly"

- A. Noun
- B. Adjective
- C. Adverb ✓ **Correct answer**
- D. None of these

A. Wrong: 'more quickly' is not a noun — it names no person, place or thing.

B. Wrong: 'more quickly' does not describe a noun, so it is not an adjective.

C. Correct: 'more quickly' modifies the verb 'ran', telling how he ran — it is an adverb. (The printed key C agrees.)

otion C is correct, so 'None of these' fails.

Question 12 English — Do as directed

About half of this gigantic area is mainly under French control. The underlined part is: "gigantic"

- A. Noun
- B. Adjective ✓ **Correct answer**
- C. Adverb
- D. None of these

A. Wrong: 'gigantic' is not a noun — it names no person, place or thing.

B. Correct: 'gigantic' describes the noun 'area' — it is an adjective. (The printed key B agrees.)

C. Wrong: 'gigantic' does not modify a verb, so it is not an adverb.

D. Wrong: option B is correct, so 'None of these' fails.

Question 13 English — Do as directed

"To keep any more mosquitoes from coming in while the lights were on". The statement is:

- A. Simple sentence
- B. Compound Sentence
- C. Complex Sentence
- D. None of these ✓ **Correct answer**

A. Wrong: a simple sentence needs a subject and a finite verb — this has neither; 'to keep' is an infinitive.

B. Wrong: a compound sentence joins two independent clauses — there is no clause here at all.

A complex sentence needs a main clause plus a subordinate clause — there is no main clause here.

D. Correct: the words form a phrase (a fragment), not a sentence of any kind, so 'None of these' is the answer. (The printed key for Q13 is illegible in the scan; the answer is decided by the no-finite-verb rule.)

Question 14 English — Do as directed

He visited bazaar to buy a book. The underlined part is: "to buy"

- A. Infinitive ✓ **Correct answer**
- B. participle
- C. Gerund
- D. None of these

A. Correct: 'to buy' is 'to' + the base verb — an infinitive, here expressing purpose. (The printed key A agrees.)

B. Wrong: a participle ends in -ing or -ed — 'to buy' is neither.

C. Wrong: a gerund is a verb in -ing form used as a noun — 'to buy' is not one.

D. Wrong: option A is correct, so 'None of these' fails.

Question 15 English — Do as directed

Bravo! You have done well. The underlined part is: "Bravo!"

- A. Adjective
- B. Conjunction
- C. Interjection ✓ **Correct answer**
- D. None of these

A. Wrong: 'Bravo!' describes nothing, so it is not an adjective.

ravo! joins nothing, so it is not a conjunction.

C. Correct: 'Bravo!' is an exclamation expressing praise — an interjection. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 16 English — Fill in the blanks

To check for acidity, one had better _____ paper.

- A. to use litmus
- B. use litmus ✓ **Correct answer**
- C. using
- D. None of these

A. Wrong: 'had better' never takes 'to' — 'had better to use' is ungrammatical. The printed key records A, but A is wrong.

B. Correct: 'had better' takes the bare infinitive — 'one had better use litmus paper'. (Option (C) reads only 'using' in the scan.) The printed key (A) is wrong; B is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

C. Wrong: 'had better using' is ungrammatical — 'had better' needs the bare infinitive, not -ing.

D. Wrong: option B is correct, so 'None of these' fails.

Question 17 English — Fill in the blanks

I did not know the answer, and _____.

- A. he did not neither
- B. he did neither
- C. neither did he ✓ **Correct answer**
- D. None of these

e did not neither' is a double negative — ungrammatical.

B. Wrong: 'he did neither' is not the correct word order for this construction.

C. Correct: 'neither did he' — the 'neither + auxiliary + subject' inversion. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 18 English — Fill in the blanks

He could not help _____ that new shirt.

- A. buy
- B. buying ✓ **Correct answer**
- C. to buy
- D. None of these

A. Wrong: 'could not help buy' is ungrammatical — 'help' in this sense needs -ing.

B. Correct: 'cannot/could not help' is always followed by the -ing form — 'could not help buying that new shirt'. The printed key records C, but C is wrong. The printed key (C) is wrong; B is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

C. Wrong: 'could not help to buy' is ungrammatical — the construction is 'help + -ing'.

D. Wrong: option B is correct, so 'None of these' fails.

Question 19 English — Fill in the blanks

Such boys _____ are late will be fined.

- A. who
- B. that
- C. as ✓ **Correct answer**
- D. None of these

such boys who are late' is not the correlative construction — 'such' pairs with 'as'. The printed key records A, but A is wrong.

B. Wrong: 'such boys that are late' is not the correlative construction either.

C. Correct: 'such … as' is the fixed correlative pair — 'such boys as are late will be fined'. The printed key (A) is wrong; C is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

D. Wrong: option C is correct, so 'None of these' fails.

Question 20 English — Fill in the blanks

If the telephone _____ please say that I will be back at seven.

- A. rings ✓ **Correct answer**
- B. is ringing
- C. will ring
- D. None of these

A. Correct: in a first-conditional 'if' clause about the future, the present simple is used — 'if the telephone rings'. (The printed key A agrees.)

B. Wrong: 'is ringing' (present continuous) does not fit the conditional frame here.

C. Wrong: 'will ring' is not used in the if-clause of a first conditional.

D. Wrong: option A is correct, so 'None of these' fails.

Question 21 Mathematics — Number series

Which number will come next? 2,5,12,23,38,57, _____

- A. 69
- B. 76
- C. 80 ✓ **Correct answer**

A. Wrong: the differences are 3, 7, 11, 15, 19 — rising by 4 each time — so the next difference is 23, not 12.

B. Wrong: 57 + 19 = 76 uses the last difference again; the differences themselves rise by 4.

C. Correct: differences 3, 7, 11, 15, 19 (+4 each) — the next difference is 23, so 57 + 23 = 80. (The printed key for Q21 is illegible in the scan — the whole Q21–39 key column is blank/faded; the answer is decided by computation.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 22 Mathematics — Number series

Which one number will complete the following number series? 3,6,15, _____,123,366

- A. 34
- B. 59
- C. 42 ✓ **Correct answer**
- D. None of these

A. Wrong: 34 breaks the ×3 − 3 pattern (15 × 3 − 3 = 42, not 34).

B. Wrong: 59 fits no consistent rule for this series.

C. Correct: each term is the previous term × 3 − 3: 3 × 3 − 3 = 6, 6 × 3 − 3 = 15, 15 × 3 − 3 = 42, 42 × 3 − 3 = 123, 123 × 3 − 3 = 366. (The printed key for Q22 is illegible in the scan; the answer is decided by computation.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 23 Mathematics — Number series

Which number will come next? 1,2,5,12,27,58, _____

- A. 121 ✓ **Correct answer**

- C. 135
- D. None of these

A. Correct: each term is the previous term × 2, plus 0, then 1, then 2, then 3, then 4 — 1 × 2 + 0 = 2, 2 × 2 + 1 = 5, 5 × 2 + 2 = 12, 12 × 2 + 3 = 27, 27 × 2 + 4 = 58 — so the next is 58 × 2 + 5 = 121. (The printed key for Q23 is illegible in the scan; the answer is decided by computation.)

B. Wrong: 136 fits no consistent rule for this series.

C. Wrong: 135 fits no consistent rule for this series.

D. Wrong: option A is correct, so 'None of these' fails.

Question 24 Mathematics — Number series

Which number will come next? 4,11,7,14,10,17 _____

- A. 24
- B. 13 ✓ **Correct answer**
- C. 20
- D. None of these

A. Wrong: 24 fits no consistent rule for this series.

B. Correct: read the odd positions — 4, 7, 10, … rising by 3 — and the even positions — 11, 14, 17, rising by 3. The next term is the 7th (an odd position), so 10 + 3 = 13. (The printed key for Q24 is illegible in the scan; the answer is decided by computation.)

C. Wrong: 20 fits no consistent rule for this series.

D. Wrong: option B is correct, so 'None of these' fails.

25 Mathematics — Number series

Which number will come next? 2,6,12,20,30,42 _____

- A. 56 ✓ **Correct answer**
- B. 54
- C. 50
- D. None of these

A. Correct: the differences are 4, 6, 8, 10, 12 — rising by 2 each time — so the next difference is 14, and 42 + 14 = 56. (The printed key for Q25 is illegible in the scan; the answer is decided by computation.)

B. Wrong: 54 would need a difference of 12 again, but the differences rise by 2 each time.

C. Wrong: 50 would need a difference of 8, breaking the rising-difference pattern.

D. Wrong: option A is correct, so 'None of these' fails.

Question 26 Mathematics — Number series

Which number will come next? 6,8,10,11,14,15 _____

- A. 12
- B. 16
- C. 18 ✓ **Correct answer**
- D. None of these

A. Wrong: 12 fits no consistent rule for this series.

B. Wrong: 16 fits no consistent rule for this series.

C. Correct: read the odd positions — 6, 10, 14, … rising by 4 — so the next odd-position term is 18; the even positions — 8, 11, 15 — rise by 3, then 4. The next term is the 7th (an odd position), so 18. (The printed key for Q26 is illegible in the scan; the answer is decided by computation. Note: the comma after the first 6 is faint in the scan, so the series can

as 68,10,11,14,15 — filed as printed, 6,8,10,11,14,15.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 27 Mathematics — Insert the missing number

Insert the missing number: 17(112)39 28(_____)49.

- A. 164
- B. 144
- C. 154 ✓ **Correct answer**
- D. None of these

A. Wrong: 164 fits no rule that also gives 112 for the first pair.

B. Wrong: 144 fits no rule that also gives 112 for the first pair.

C. Correct: add the outer numbers and double the sum — (17 + 39) × 2 = 112, so (28 + 49) × 2 = 154. (The printed key for Q27 is illegible in the scan; the answer is decided by computation.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 28 Mathematics — Insert the missing number

Insert the missing number? 234(333)257 345(_____)678

- A. 233
- B. 333 ✓ **Correct answer**
- C. 133
- D. None of these

A. Wrong: no standard pattern applied to 234 and 257 yields 233 for the first pair.

B. Correct (filed): the digit sums give the path — 2+3+4 = 9 and 2+5+7 = 14, and 9 × 37 = 333 where 37 is the total digit sum (23) plus the second digit sum (14). 333 is the only

stent with the given middle number's form. Decided by the assistant under the owner's 8 Nov 2026 delegation. (The printed key for Q28 is illegible in the scan, and no single standard pattern is fully pinned down for both pairs — so this is filed PICK-ONE, not VERIFIED.)

C. Wrong: no standard pattern applied to 234 and 257 yields 133 for the first pair.

D. Wrong: option B is filed, so 'None of these' fails.

Question 29 Mathematics — Percentage

Anwar spends Rs. 44,000 to get a car and sells it at Rs. 48,000. Find its percentage of profit?

- A. 12%
- B. 9.09% ✓ **Correct answer**
- C. 14%
- D. None of these

A. Wrong: 12% of 44,000 is Rs. 5,280, not the Rs. 4,000 profit made.

B. Correct: profit = 48,000 − 44,000 = Rs. 4,000; 4,000 ÷ 44,000 × 100 = 9.09%. (The printed key for Q29 is illegible in the scan; the answer is decided by computation.)

C. Wrong: 14% of 44,000 is Rs. 6,160, not the Rs. 4,000 profit made.

D. Wrong: option B is correct, so 'None of these' fails.

Question 30 Mathematics — Percentage

Mr. Khan sold a car for Rs. 80,000 which he bought for Rs. 90,000. What is his % loss?

- A. 12.31%
- B. 55.51%
- C. 11.11% ✓ **Correct answer**
- D. None of these

2.31% of 90,000 is about Rs. 11,079, not the Rs. 10,000 loss.

B. Wrong: 55.51% of 90,000 is about Rs. 49,959 — nowhere near the Rs. 10,000 loss.

C. Correct: loss = 90,000 − 80,000 = Rs. 10,000; 10,000 ÷ 90,000 × 100 = 11.11%. (The printed key for Q30 is illegible in the scan; the answer is decided by computation. Option (B) prints '55.51%' as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 31 Mathematics — Percentage

The number, whose 3% in 60, is:

- A. 2000 ✓ **Correct answer**
- B. 3000
- C. 6000
- D. None of these

A. Correct: 3% of 2,000 = 60. (The printed key for Q31 is illegible in the scan; the answer is decided by computation. The stem prints 'whose 3% in 60, is' — 'in' as printed, for 'is'.)

B. Wrong: 3% of 3,000 = 90, not 60.

C. Wrong: 3% of 6,000 = 180, not 60.

D. Wrong: option A is correct, so 'None of these' fails.

Question 32 Mathematics — Percentage

The number, whose 5% is 35, is:

- A. 500
- B. 600
- C. 200
- D. None of these ✓ **Correct answer**

% of 300 = 25, not 35.

B. Wrong: 5% of 600 = 30, not 35.

C. Wrong: 5% of 200 = 10, not 35. (Option (C) prints '200' as printed.)

D. Correct: 5% of 700 = 35 — and 700 is not among the options, so 'None of these' is the answer. (The printed key for Q32 is illegible in the scan; the answer is decided by computation.)

Question 33 Mathematics — Work and time

It takes 14 tops to fill a swimming pool in 10 hours. How much time will it take 5 tops to fill the pool?

- A. 27 hours
- B. 26 hours
- C. 28 hours ✓ **Correct answer**
- D. None of these

A. Wrong: 27 hours × 5 taps = 135 tap-hours, but the pool needs 14 × 10 = 140 tap-hours.

B. Wrong: 26 hours × 5 taps = 130 tap-hours, short of the 140 tap-hours needed.

C. Correct: 14 taps × 10 hours = 140 tap-hours of work; 140 ÷ 5 taps = 28 hours. (The printed key for Q33 is illegible in the scan; the answer is decided by computation. The stem prints 'tops' for taps — filed as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 34 Mathematics — Percentage

The number, whose 25% in 25, is:

- A. 600
- B. 500

- D. None of these ✓ **Correct answer**

A. Wrong: 25% of 600 = 150, not 25.

B. Wrong: 25% of 500 = 125, not 25.

C. Wrong: 25% of 300 = 75, not 25.

D. Correct: 25% of 100 = 25 — and 100 is not among the options, so 'None of these' is the answer. (The printed key for Q34 is illegible in the scan; the answer is decided by computation. The stem prints 'whose 25% in 25, is' — 'in' as printed, for 'is'.)

Question 35 Mathematics — Work and time

Eight machines can do a piece of work in 10 days. How long will it take 16 machines to do the same work?

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

A. Wrong: doubling the machines halves the time to 5 days, not 7.

B. Correct: 8 machines × 10 days = 80 machine-days; 80 ÷ 16 machines = 5 days. (The printed key for Q35 is illegible in the scan; the answer is decided by computation.)

C. Wrong: 6 days × 16 machines = 96 machine-days, more work than the 80 machine-days the job needs.

D. Wrong: option B is correct, so 'None of these' fails.

Question 36 Mathematics — Work and time

One hundred and twenty men are used to build huge building for 30 days. How long will

en to do the same work?

- A. 35 days
- B. 30 days
- C. 45 days ✓ **Correct answer**
- D. None of these

A. Wrong: 35 days × 80 men = 2,800 man-days, short of the 3,600 man-days the job needs.

B. Wrong: the same 30 days with fewer men would leave the building unfinished.

C. Correct: 120 men × 30 days = 3,600 man-days; 3,600 ÷ 80 men = 45 days. (The printed key for Q36 is illegible in the scan; the answer is decided by computation.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 37 Mathematics — Profit and loss

Akbar bought a sweater for Rs. 200 and sold it for Rs. 250. How much profit did Akbar get?

- A. Rs. 40
- B. Rs. 20
- C. Rs. 50 ✓ **Correct answer**
- D. None of these

A. Wrong: 250 − 200 = 50, not 40.

B. Wrong: 250 − 200 = 50, not 20.

C. Correct: profit = selling price − cost price = 250 − 200 = Rs. 50. (The printed key for Q37 is illegible in the scan; the answer is decided by computation.)

D. Wrong: option C is correct, so 'None of these' fails.

38 Mathematics — Percentage

The number, whose 20% is 100, is:

- A. 400
- B. 500 ✓ **Correct answer**
- C. 600
- D. None of these

A. Wrong: 20% of 400 = 80, not 100.

B. Correct: 20% of 500 = 100. (The printed key for Q38 is illegible in the scan; the answer is decided by computation.)

C. Wrong: 20% of 600 = 120, not 100.

D. Wrong: option B is correct, so 'None of these' fails.

Question 39 Mathematics — Profit and loss

Majid bought a pair of shoes for Rs. 300 and sold it for Rs. 370. How much profit did Majid get?

- A. Rs. 80
- B. Rs. 70 ✓ **Correct answer**
- C. Rs. 75
- D. None of these

A. Wrong: 370 − 300 = 70, not 80.

B. Correct: profit = 370 − 300 = Rs. 70. (The printed key for Q39 is illegible in the scan; the answer is decided by computation.)

C. Wrong: 370 − 300 = 70, not 75.

D. Wrong: option B is correct, so 'None of these' fails.

40 Mathematics — Work and time

A bridge is completed in 45 days by 105 men. How long it will take 90 men to do the same work?

- A. 68.7 days
- B. 61 days
- C. 52½ days ✓ **Correct answer**
- D. None of these

A. Wrong: 68.7 days × 90 men = 6,183 man-days, far more than the 4,725 man-days the job needs. (Option (A) prints '68.7 days' as printed.)

B. Wrong: 61 days × 90 men = 5,490 man-days, more than the 4,725 man-days the job needs.

C. Correct: 105 men × 45 days = 4,725 man-days; 4,725 ÷ 90 men = 52½ days. (The printed key for Q40 is illegible in the scan; the answer is decided by computation.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 41 General Knowledge — Current affairs

Which Indian leader was spelled from BJP after his writing a book on Jinnah:

- A. I.K. Advani
- B. Jaswant Sing ✓ **Correct answer**
- C. Swami Prasad Maarys
- D. None of these

A. Wrong: L.K. Advani was never expelled from the BJP over a book on Jinnah.

B. Correct: Jaswant Singh was expelled from the BJP in August 2009 after his book 'Jinnah: India, Partition, Independence'. (The printed key B agrees. The stem prints 'spelled' for 'expelled' and 'Jaswant Sing' — filed as printed.)

wami Prasad Maurya was not expelled from the BJP over a book on Jinnah.

D. Wrong: option B is correct, so 'None of these' fails.

Question 42 General Knowledge — Current affairs

In 2000, East Timer got independence from:

- A. Portugal
- B. Spain
- C. Indonesia ✓ **Correct answer**
- D. None of these

A. Wrong: Portugal was the colonial ruler until 1975, not the power East Timor left in 2002 — and the stem says 2000 (the referendum was 1999, independence 2002).

B. Wrong: Spain never ruled East Timor.

C. Correct: East Timor (Timor-Leste) became independent from Indonesia on 20 May 2002, after the 1999 referendum. (The printed key C agrees. The stem prints 'East Timer' — filed as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 43 General Knowledge — Current affairs

Through Brexit, British voted to withdraw from:

- A. NATO
- B. OSCE
- C. Commonwealth
- D. None of these ✓ **Correct answer**

A. Wrong: Brexit was not about NATO — the UK remains a NATO member.

B. Wrong: Brexit was not about the OSCE — the UK remains an OSCE member.

exit was not about the Commonwealth — the UK remains in the Commonwealth.

D. Correct: through Brexit the British voted to withdraw from the European Union — and the EU is not among the options, so 'None of these' is the answer. (The printed key D agrees.)

Question 44 General Knowledge — Current affairs

President Trump declared US withdrawal from:

- A. UNHRC
- B. UNESCO
- C. TPP
- D. All of these ✓ **Correct answer**

A. Wrong as the whole answer: the US did withdraw from the UN Human Rights Council — but from the other two bodies as well.

B. Wrong as the whole answer: the US did withdraw from UNESCO — but from the other two bodies as well.

C. Wrong as the whole answer: the US did withdraw from the Trans-Pacific Partnership — but from the other two bodies as well.

D. Correct: President Trump withdrew the US from all three — the UNHRC (2018), UNESCO (2017, effective 2018) and the TPP (2017). (The printed key D agrees.)

Question 45 General Knowledge — Current affairs

SAARC Secretariat is based in:

- A. Khatmandu ✓ **Correct answer**
- B. Dhaka
- C. New Delhi

A. Correct: the SAARC Secretariat is in Kathmandu, Nepal. (The printed key A agrees. The stem prints 'Khatmandu' — filed as printed.)

B. Wrong: Dhaka hosts no SAARC Secretariat.

C. Wrong: New Delhi hosts no SAARC Secretariat.

D. Wrong: option A is correct, so 'None of these' fails.

Question 46 General Knowledge — Current affairs

CASA-1000 is project retained to:

- A. Economic development
- B. Energy transmission ✓ **Correct answer**
- C. Security arrangement
- D. None of these

A. Wrong: CASA-1000 is not a general economic-development project.

B. Correct: CASA-1000 (Central Asia–South Asia) is a power project to transmit electricity from Kyrgyzstan and Tajikistan to Afghanistan and Pakistan. (The printed key B agrees. The stem prints 'retained' — filed as printed.)

C. Wrong: CASA-1000 is not a security arrangement.

D. Wrong: option B is correct, so 'None of these' fails.

Question 47 General Knowledge — Current affairs

JCPOA addresses the issue of:

- A. North Korean nuclear ???
- B. ??? Crisis
- C. Iranian nuclear program ✓ **Correct answer**

A. Wrong: the JCPOA has nothing to do with North Korea's nuclear programme. (Option (A) prints 'North Korean nuclear ???' — the last word is unreadable in the scan.)

B. Also possibly defensible: option (B) reads only '??? Crisis' in the scan, so its content cannot be checked — it cannot be ruled out that it names the same issue. The paper keys C, and C is filed.

C. Correct (filed): the JCPOA — the Joint Comprehensive Plan of Action (2015) — addresses Iran's nuclear programme. (The printed key C agrees.) Decided by the assistant under the owner's 8 Nov 2026 delegation. (Options (A) and (B) are partly illegible in the scan — the '???' is in the print itself.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 48 General Knowledge — Current affairs

The book Obama's War is written by:

- A. Bob Woodward ✓ **Correct answer**
- B. John J. Mearsheimer
- C. Henry Kissinger
- D. None of these

A. Correct: 'Obama's Wars' (2010) is by Bob Woodward. (The printed key A agrees.)

B. Wrong: John J. Mearsheimer wrote 'The Tragedy of Great Power Politics', not 'Obama's War'.

C. Wrong: Henry Kissinger wrote 'Diplomacy' and 'World Order', not 'Obama's War'.

D. Wrong: option A is correct, so 'None of these' fails.

49 General Knowledge — Current affairs

In 2019, Madrid started trial of _____ Catalas ??? leaders for holding illegal independence referendum of 2017?

- A. 8
- B. 12
- C. 12
- D. None of these

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

A. Wrong as an answer: 8 is not the number of Catalan leaders tried in Madrid in 2019.

B. Wrong as an answer: 12 is the right number of leaders tried — but it is printed twice, as both (B) and (C), so the question has two identical correct options and no single answer can be picked. (DEFECTIVE-excluded: options (B) and (C) both read '12' in the print; the printed key B (12) is recorded here for the record. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

C. Wrong as an answer: 12 is the right number of leaders tried — but it is printed twice, as both (B) and (C), so the question has two identical correct options and no single answer can be picked. (DEFECTIVE-excluded: the printed key B (12) is recorded here for the record. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

D. Wrong as an answer: the correct number (12) is among the options, so 'None of these' is not the answer — the question is defective because the correct answer appears twice.

Question 50 General Knowledge — Current affairs

ICRC stands for:

- A. International Council of the Rod Cross
- B. International Committee of the Rod Cross ✓ **Correct answer**

- D. None of these

A. Wrong: the ICRC is a Committee, not a Council — and 'Rod Cross' is a misprint for 'Red Cross' in both (A) and (B).

B. Correct: ICRC = International Committee of the Red Cross. (The printed key B agrees. Both (A) and (B) print 'Rod Cross' — filed as printed.)

C. Wrong: there is no such body as the 'International Council for Resolution of Conflicts' behind the letters ICRC.

D. Wrong: option B is correct, so 'None of these' fails.

Question 51 General Knowledge — Current affairs

Pakistan tested near which is a:

- A. Close-range ballistic missile
- B. Medium-range ballistic missile
- C. Long-range ballistic missile
- D. None of these

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

A. Wrong as an answer: the stem as printed names no missile, so no range can be confirmed from the question itself. (DEFECTIVE-excluded: the stem 'Pakistan tested near which is a:' is garbled in the print — 'near' may be a misprint for the missile's name — and without the missile the range cannot be verified; the printed key A (close-range) is recorded here for the record. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

B. Wrong as an answer: the stem as printed names no missile, so no range can be confirmed from the question itself.

an answer: the stem as printed names no missile, so no range can be confirmed from the question itself.

D. Wrong as an answer: the stem as printed names no missile, so 'None of these' cannot be confirmed either — the question is defective, not answerable.

Question 52 General Knowledge — Current affairs

Cold Start Doctrine was announced by:

- A. North Korea
- B. China
- C. India ✓ **Correct answer**
- D. None of these

A. Wrong: North Korea has no Cold Start Doctrine.

B. Wrong: China has no Cold Start Doctrine.

C. Correct: Cold Start is the Indian Army's doctrine for a rapid, limited offensive against Pakistan. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 53 General Knowledge — Current affairs

Which leader withdrew the US from AHM Treaty?

- A. President George W. Bush ✓ **Correct answer**
- B. President Barak Obama
- C. President Donald Trump
- D. None of these

A. Correct: President George W. Bush gave formal notice on 13 December 2001 that the US was withdrawing from the 1972 Anti-Ballistic Missile (ABM) Treaty; it took effect six months later, on 13 June 2002. (The stem prints 'AHM Treaty' — filed as printed — for the

The printed key records C (Trump), but Trump withdrew the US from the INF Treaty, not the ABM Treaty. The printed key (C) is wrong; A is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation. (US State Department, 13 Dec 2001; Congressional Research Service RS21088.)

B. Wrong: President Obama withdrew the US from no such treaty — he did not withdraw from the ABM Treaty.

C. Wrong: President Trump withdrew the US from the INF Treaty (2019) and the Open Skies Treaty (2020) — not the ABM Treaty, which Bush had already left in 2002.

D. Wrong: option A is correct, so 'None of these' fails.

Question 54 General Knowledge — Current affairs

Who claims to be the current leader of TTP?

- A. Baitullah ???
- B. ???
- C. ???
- D. None of these

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

A. Wrong as an answer: Baitullah Mehsud was killed in 2009, so he cannot be the current leader — and the rest of the option is unreadable in the scan. (DEFECTIVE-excluded: options (B) and (C) read only '???' in the print and option (A) is cut off, so no option can be checked; the printed key A is recorded here for the record. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

B. Wrong as an answer: option (B) is unreadable in the scan — its content cannot be checked.

C. Wrong as an answer: option (C) is unreadable in the scan — its content cannot be

D. Wrong as an answer: the current leader's name may or may not be among the unreadable options, so 'None of these' cannot be confirmed either — the question is defective, not answerable.

Question 55 General Knowledge — Current affairs

Who said "The cost of one modern heavy bomber is ??? a modern brick school is more than 36 cities. It is two electric power ???. each serving a town of 60,000 population. It is two fine fully equipped hospitals."

- A. Winston Churchill
- B. Dwight D. ??? ✓ **Correct answer**
- C. Joseph Stales
- D. None of these

A. Wrong: Winston Churchill never gave the 'Chance for Peace' speech — it is Eisenhower's.

B. Correct: the words are from President Dwight D. Eisenhower's 'Chance for Peace' (Cross of Iron) speech of 16 April 1953 — 'The cost of one modern heavy bomber is this: a modern brick school in more than 30 cities. It is two electric power plants, each serving a town of 60,000 population. It is two fine, fully equipped hospitals.' (The printed key for Q55 is illegible in the scan; the answer is decided from the speech text. The stem prints '36 cities' and '???' gaps — filed as printed; the true text is 30 cities.) (US State Department, Office of the Historian.)

C. Wrong: 'Joseph Stales' is a misprint for Joseph Stalin, who died in March 1953 and never gave this speech.

D. Wrong: option B is correct, so 'None of these' fails.

56 General Knowledge — Current affairs

Article 51 of the UN Charter deals with:

- A. Right to offense
- B. Right to self-defence ✓ **Correct answer**
- C. Non-military intervention
- D. None of these

A. Wrong: there is no 'right to offense' in the UN Charter.

B. Correct: Article 51 of the UN Charter preserves the inherent right of individual and collective self-defence if an armed attack occurs. (The printed key B agrees.)

C. Wrong: Article 51 is about self-defence, not non-military intervention.

D. Wrong: option B is correct, so 'None of these' fails.

Question 57 General Knowledge — Current affairs

The name of Israeli parliament is:

- A. Knesset ✓ **Correct answer**
- B. Duma
- C. Storting
- D. None of these

A. Correct: Israel's parliament is the Knesset. (The printed key A agrees.)

B. Wrong: the Duma is Russia's parliament.

C. Wrong: the Storting is Norway's parliament.

D. Wrong: option A is correct, so 'None of these' fails.

58 General Knowledge — Current affairs

UFs is city of:

- A. Armenia
- B. Russia ✓ **Correct answer**
- C. South Africa
- D. None of these

A. Wrong: Ufa is not in Armenia.

B. Correct: Ufa is the capital and largest city of Bashkortostan, Russia. (The stem prints 'UFs' — filed as printed — for Ufa.) The printed key records C (South Africa), but Ufa is in Russia. The printed key (C) is wrong; B is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation. (Wikipedia/Britannica: Ufa, Russia.)

C. Wrong: Ufa is not in South Africa.

D. Wrong: option B is correct, so 'None of these' fails.

Question 59 General Knowledge — Current affairs

OPCW deals with:

- A. Community welfare
- B. Conflict prevention
- C. Chemical weapon ✓ **Correct answer**
- D. None of these

A. Wrong: the OPCW is not a community-welfare body.

B. Wrong: the OPCW's mandate is chemical weapons, not conflict prevention in general.

C. Correct: OPCW = Organisation for the Prohibition of Chemical Weapons. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

60 General Knowledge — Pakistan Studies

Chief Minister of Sindh is:

- A. Qasim Ali Shah
- B. Arbab Ghulam Rahim
- C. Bilawal Bhutto Zardari
- D. None of these ✓ **Correct answer**

A. Wrong: Qasim Ali Shah was never Chief Minister of Sindh.

B. Wrong: Arbab Ghulam Rahim was Chief Minister of Sindh in 2004–2007, not in 2019.

C. Wrong: Bilawal Bhutto Zardari was never Chief Minister of Sindh — he is the PPP chairman.

D. Correct: in 2019 the Chief Minister of Sindh was Syed Murad Ali Shah (2016–2023) — and he is not among the options, so 'None of these' is the answer. (The printed key D agrees.)

Question 61 General Knowledge — Pakistan Studies

Which is the eldest language of Pakistan?

- A. Punjabi
- B. Sindhi ✓ **Correct answer**
- C. Brohi
- D. None of these

A. Wrong: Punjabi is widely spoken but is not regarded as the oldest language of Pakistan.

B. Correct: Sindhi is regarded as the oldest language of Pakistan, traced back to the Indus Valley civilisation. (The printed key B agrees.)

C. Wrong: Brahui (Brohi) is an ancient Dravidian language of Balochistan, but the standard answer for the oldest language of Pakistan is Sindhi.

otion B is correct, so 'None of these' fails.

Question 62 General Knowledge — Pakistan Studies

Which is Pakistan's biggest export item?

- A. Rice
- B. Sports goods
- C. Cotton Textile ✓ **Correct answer**
- D. None of these

A. Wrong: rice is a major export, but not the biggest — textiles earn more.

B. Wrong: sports goods (notably from Sialkot) are a famous export, but not the biggest.

C. Correct: cotton textiles are Pakistan's largest export earner. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 63 General Knowledge — Pakistan Studies

Who was the first Chief Minister of Sindh?

- A. Sheikh Din Muhammad
- B. G.H. Haditullah
- C. Ayub Khubro ✓ **Correct answer**
- D. None of these

A. Wrong: Sheikh Din Muhammad was not the first Chief Minister of Sindh.

B. Wrong: G.H. Hidayatullah was the first Governor of Sindh, not its first Chief Minister.

C. Correct: Muhammad Ayub Khuhro was the first Chief Minister of Sindh (1947). (The printed key C agrees. The stem prints 'Ayub Khubro' — filed as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

64 General Knowledge — Pakistan Studies

Where Syed Warish Shah was buried?

- A. Nankana Sab Shairkhan
- B. Jandyala ✓ **Correct answer**
- C. Sialkot
- D. None of these

A. Wrong: Waris Shah is not buried at Nankana Sahib — the option prints 'Nankana Sab Shairkhan', split over two lines in the print.

B. Correct: Waris Shah, the poet of Heer Ranjha, is buried at Jandiala Sher Khan (Sheikhupura district). (The printed key B agrees.)

C. Wrong: Waris Shah is not buried in Sialkot.

D. Wrong: option B is correct, so 'None of these' fails.

Question 65 General Knowledge — Pakistan Studies

Which is national flower of Pakistan?

- A. Rose
- B. Tulip
- C. Jasmine ✓ **Correct answer**
- D. None of these

A. Wrong: the rose is not Pakistan's national flower.

B. Wrong: the tulip is not Pakistan's national flower.

C. Correct: the national flower of Pakistan is the jasmine. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

66 General Knowledge — Pakistan Studies

When Pakistan broadcasting was founded?

- A. March 23, 1948
- B. August 14, 1947 ✓ **Correct answer**
- C. August 24, 1949
- D. None of these

A. Wrong: 23 March 1948 is not the founding date of Pakistan Broadcasting.

B. Correct: Radio Pakistan (Pakistan Broadcasting Service) was founded on 14 August 1947, the day Pakistan came into being. The printed key records D (24 August 1949), but that date is wrong. The printed key (D) is wrong; B is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation. (Wikipedia: Radio Pakistan, founded 14 August 1947.)

C. Wrong: 24 August 1949 is not the founding date of Pakistan Broadcasting.

D. Wrong: option B is correct, so 'None of these' fails.

Question 67 General Knowledge — Pakistan Studies

Which was the first Radio Station of Pakistan?

- A. Karachi
- B. Dhaka
- C. Lahore ✓ **Correct answer**
- D. None of these

A. Wrong: Karachi had no radio station in 1947 — its first station opened in 1948.

B. Wrong: Dhaka's station (1939) was in East Pakistan, but the first station of Pakistan is counted as Lahore.

C. Correct: the Lahore station (on air since 1937) was the first radio station of Pakistan — the independence announcement itself was made from Lahore on the night of 13–14

. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 68 General Knowledge — Pakistan Studies

When Islamabad became the Capital of Pakistan for permanent?

- A. August 14, 1962
- B. August 15, 1964
- C. August 14, 1967 ✓ **Correct answer**
- D. None of these

A. Wrong: Islamabad was not the permanent capital in 1962 — it was still being built.

B. Wrong: 15 August 1964 is not the date Islamabad became the permanent capital.

C. Correct: Islamabad officially became the permanent capital of Pakistan on 14 August 1967. (The printed key C agrees. The stem prints 'for permanent' — filed as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 69 General Knowledge — Pakistan Studies

Who wrote the book "Friends not Masters"?

- A. General Yahya Khan
- B. General Parvez Musharaf
- C. General Ayub Khan ✓ **Correct answer**
- D. None of these

A. Wrong: General Yahya Khan did not write 'Friends Not Masters'.

B. Wrong: General Pervez Musharraf wrote 'In the Line of Fire', not 'Friends Not Masters'. (The stem prints 'Parvez Musharaf' — filed as printed.)

C. Correct: 'Friends Not Masters' (1967) is by General Muhammad Ayub Khan. (The printed

D. Wrong: option C is correct, so 'None of these' fails.

Question 70 General Knowledge — Pakistan Studies

On which river the Tarbela Dam was built?

- A. Indus ✓ **Correct answer**
- B. Chanab
- C. Ravi
- D. None of these

A. Correct: the Tarbela Dam is built on the Indus River. (The printed key A agrees. The stem prints 'Chanab' — filed as printed — for the Chenab.)

B. Wrong: the Chenab has no Tarbela Dam on it.

C. Wrong: the Ravi has no Tarbela Dam on it.

D. Wrong: option A is correct, so 'None of these' fails.

Question 71 Islamiat — Hadith

Names, Characters and Analytics of ??? (Narrators) is described is:

- A. Ilm Isma-i-Rijal ✓ **Correct answer**
- B. Ilm Al-???
- C. Ilm Al-Sarf
- D. None of these

A. Correct (filed): 'Ilm Asma-ur-Rijal is the science of the names, characters and biographies of the narrators of Hadith — exactly what the stem describes. (The printed key for Q71 is illegible in the scan; the answer is decided from the definition. The stem prints 'Analytics of ??? (Narrators) is described is' — filed as printed.) Decided by the assistant under the owner's 8 Nov 2026 delegation.

bly defensible: option (B) reads only 'Ilm Al-???' in the scan, so its content cannot be checked — it cannot be ruled out that it names another narrator science. The paper's filed answer is A.

C. Wrong: 'Ilm al-Sarf is the science of morphology (word formation) — it has nothing to do with narrators.

D. Wrong: option A is filed, so 'None of these' fails.

Question 72 Islamiat — Hadith

How many parts of Hadith are there?

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

A. Wrong: a Hadith has more than one part.

B. Correct: every Hadith has two parts — the Sanad (chain of narrators) and the Matn (text). The printed key records C (3), but 3 counts the kinds of Hadith (Qawli, Fi'li, Taqriri), not its parts. The printed key (C) is wrong; B is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation. (AskIslamPedia: 'A Hadeeth consists of two main parts: (a) The Sanad and (b) The Matn'; MDPI: 'A Hadith is composed of two parts: the chain of narrators (Sanad) and the content of the Hadith (Matn)'.)

C. Wrong: 3 is the number of basic kinds of Hadith (saying, action, approval) — not the number of its parts.

D. Wrong: option B is correct, so 'None of these' fails.

Question 73 Islamiat — Hadith

Which one is the type of "Khabar-e-Wahid"?

- B. Al-Ghareeb ✓ **Correct answer**
- C. Both (A) and (B)
- D. None of these

A. Wrong: Al-Hasan is a grading of Hadith by authenticity (Sahih / Hasan / Da'if) — not a type of Khabar-e-Wahid.

B. Correct: Khabar-e-Wahid (a solitary report) is classified by the number of narrators into Mashhoor, Aziz and Ghareeb — and Al-Ghareeb (a report with a single narrator at some level) is one of them. (The printed key for Q73 is illegible in the scan; the answer is decided from the classification.)

C. Wrong: only (B) is a type of Khabar-e-Wahid, so 'Both' fails.

D. Wrong: option B is correct, so 'None of these' fails.

Question 74 Islamiat — Hadith

Basic types of Hadith are:

- A. Hadith-e-Fa'ili
- B. Hadith-e-Taqrir
- C. Both (A) and (B) ✓ **Correct answer**
- D. None of these

A. Wrong as the whole answer: Hadith-e-Fa'ili (the Prophet's actions) is one basic type — but not the only one.

B. Wrong as the whole answer: Hadith-e-Taqriri (the Prophet's tacit approval) is one basic type — but not the only one.

C. Correct: the basic types of Hadith are Qawli (sayings), Fa'ili (actions) and Taqriri (approvals) — so both (A) and (B) are basic types. (The printed key C agrees.)

otion C is correct, so 'None of these' fails.

Question 75 Islamiat — Hadith

Who wrote Al-Mojam Al-Kabir?

- A. Al-Sauwti
- B. Al-Muqadas
- C. Al-Tibrani ✓ **Correct answer**
- D. None of these

A. Wrong: Al-Suyuti did not write Al-Mu'jam al-Kabir.

B. Wrong: Al-Muqaddasi did not write Al-Mu'jam al-Kabir.

C. Correct: Al-Mu'jam al-Kabir is by Imam al-Tabarani (Sulayman ibn Ahmad al-Tabarani). (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 76 Islamiat — Hadith

What is the meaning of Sanad"?

- A. Support ✓ **Correct answer**
- B. Base
- C. Certificate
- D. None of these

A. Correct: 'sanad' comes from the Arabic root s-n-d, to lean upon — its literal meaning is 'support'; in Hadith terminology it is the chain of narrators that supports the text. The printed key records C (Certificate), but 'certificate' is the modern document sense of the word, not its meaning in Hadith terminology — and this is a Hadith question (Q71–Q80). The printed key (C) is wrong; A is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation. (Wikipedia, 'Isnad': 'literally "supporting"'; Cambridge, Modern Hadith

d ('support'). (The stem prints "Sanad"' with the opening quotation mark missing — filed as printed.)

B. Wrong: 'base' is not the meaning of sanad in Hadith terminology.

C. Wrong: 'certificate' is the modern sense of sanad as a document — not its meaning in the science of Hadith.

D. Wrong: option A is correct, so 'None of these' fails.

Question 77 Islamiat — Hadith

What does "Matan" means?

- A. Foundation
- B. Substance ✓ **Correct answer**
- C. Taxi
- D. None of these

A. Wrong: the matn is not the 'foundation' of the Hadith — it is its text.

B. Correct: the Matn (matn) is the text — the substance — of the Hadith, as opposed to its Sanad (chain). (The printed key B agrees. Option (C) prints 'Taxi' — filed as printed.)

C. Wrong: 'Taxi' is a nonsense distractor.

D. Wrong: option B is correct, so 'None of these' fails.

Question 78 Islamiat — Hadith

Writer of "Ikhtasar Uloom Al-Hadith is:

- A. Salim bin Eid
- B. Imam Sauwti
- C. Imam Ibn-i-Kathir ✓ **Correct answer**
- D. None of these

lim bin Eid did not write Ikhtisar Ulum al-Hadith.

B. Wrong: Imam al-Suyuti did not write Ikhtisar Ulum al-Hadith.

C. Correct: 'Ikhtisar Ulum al-Hadith' is by Hafiz Ibn Kathir. (The printed key C agrees. The stem prints 'Ikhtasar Uloom Al-Hadith' without its closing quotation mark — filed as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 79 Islamiat — Hadith

Who wrote "Tadreeb Al-Ravi"?

- A. Imam Tahavi
- B. Imam Ibn-i-Hajar
- C. Imam Sakhavi
- D. None of these ✓ **Correct answer**

A. Wrong: Imam al-Tahawi did not write Tadrib al-Rawi.

B. Wrong: Imam Ibn Hajar did not write Tadrib al-Rawi (he wrote Nukhbat al-Fikar).

C. Wrong: Imam al-Sakhawi did not write Tadrib al-Rawi.

D. Correct: 'Tadrib al-Rawi fi Sharh Taqrib al-Nawawi' is by Imam Jalal al-Din al-Suyuti — and al-Suyuti is not among the options, so 'None of these' is the answer. (The printed key for Q79 is illegible in the scan; the answer is decided from the authorship.)

Question 80 Islamiat — Hadith

Who wrote "Muqadimah Ibn-i-Salah?

- A. Imam Nawavi
- B. Imam Sakhavi
- C. Imam Ibn-i-Salah ✓ **Correct answer**

A. Wrong: Imam al-Nawawi did not write the Muqaddimah — he wrote works such as Riyadh al-Salihin.

B. Wrong: Imam al-Sakhawi did not write the Muqaddimah.

C. Correct: 'Al-Muqaddimah' (Muqaddimah Ibn al-Salah) is by Imam Ibn al-Salah al-Shahrazuri. (The printed key C agrees. The stem prints 'Muqadimah Ibn-i-Salah' without its closing quotation mark — filed as printed.)

D. Wrong: option C is correct, so 'None of these' fails.

Question 81 Physics — Oscillations

The period of pendulum is determined by its:

- A. mass
- B. amplitude
- C. speed
- D. None of these ✓ **Correct answer**

A. Wrong: the period of a simple pendulum does not depend on the bob's mass.

B. Wrong: for small oscillations the period does not depend on the amplitude.

C. Wrong: the period does not depend on the speed of the bob.

D. Correct: the period $T = 2\pi\sqrt{(L/g)}$ is determined by the pendulum's length (and gravity) — and length is not among the options, so 'None of these' is the answer. (The printed key D agrees.)

Question 82 Physics — Oscillations

A body that undergoes simple harmonic motion is called a harmonic:

- A. oscillator ✓ **Correct answer**

- C. pendulum
- D. None of these

A. Correct: a body executing simple harmonic motion is a harmonic oscillator. (The printed key for Q82 is illegible in the scan; the answer is decided from the definition.)

B. Wrong: an amplifier increases a signal — it has nothing to do with simple harmonic motion.

C. Wrong: a pendulum is one example of a harmonic oscillator, not the general name for any body in SHM.

D. Wrong: option A is correct, so 'None of these' fails.

Question 83 Physics — Gravitation

Planets move around the sun due to:

- A. centrifugal force
- B. centripetal force
- C. gravitational pull between them ✓ **Correct answer**
- D. None of these

A. Wrong: centrifugal force is a fictitious outward force in a rotating frame — it is not what holds planets in orbit. The printed key records A, but A is wrong.

B. Wrong as the cause: centripetal force is the name for the inward force in circular motion, but the physical cause of the planets' motion is gravity — and the question asks what the planets move 'due to'.

C. Correct: planets move around the Sun because of the gravitational pull between the Sun and the planets. The printed key (A) is wrong; C is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

otion C is correct, so 'None of these' fails.

Question 84 Physics — Newton's laws

Which Newton's law states the need to wear seatbelts?

- A. 1st law ✓ **Correct answer**
- B. 2nd law
- C. 3rd law
- D. None of these

A. Correct: the first law (inertia) — a body in motion stays in motion unless stopped — is why a passenger keeps moving forward when a car stops suddenly, and why a seatbelt is needed. (The printed key for Q84 is illegible in the scan; the answer is decided from the law.)

B. Wrong: the second law (F = ma) is not the reason seatbelts are needed.

C. Wrong: the third law (action and reaction) is not the reason seatbelts are needed.

D. Wrong: option A is correct, so 'None of these' fails.

Question 85 Physics — Astrophysics

A region of space from which nothing (not even light) can escape is called:

- A. nova
- B. [no text visible after (B) in the scan]
- C. white hole
- D. None of these

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

A. Wrong as an answer: a nova is a star that suddenly brightens — light escapes from it freely.

an answer: option (B) has no text visible after it in the scan — it is presumably 'black hole', the correct answer, but its text cannot be read, so it cannot be filed. (DEFECTIVE-excluded: the correct answer is almost certainly option (B), but the option's text is blank in the scan and the printed key for Q85 is illegible, so no answer can be confirmed from the source; no key is recorded. Decided by the assistant under the owner's 8 Nov 2026 delegation.)

C. Wrong as an answer: a white hole is the theoretical opposite of a black hole — it expels matter and light, it does not trap them.

D. Wrong as an answer: the correct answer (black hole) is almost certainly option (B), so 'None of these' is not the answer — the question is defective because the correct option's text is unreadable.

Question 86 Physics — Vectors

Which of the following is not true?

- A. velocity can be negative
- B. velocity is a vector
- C. speed can be negative ✓ **Correct answer**
- D. None of these

A. Wrong as the false statement: velocity can indeed be negative — it has direction, so its component can be negative.

B. Wrong as the false statement: velocity is indeed a vector — it has magnitude and direction.

C. Correct: speed is a scalar — the magnitude of velocity — and it can never be negative, so 'speed can be negative' is the statement that is not true. (The printed key for Q86 is illegible in the scan; the answer is decided from the definitions.)

D. Wrong: option C is the false statement, so 'None of these' fails.

87 Physics — Mass

What is the ratio of the inertial mass to gravitational mass?

- A. 0.5
- B. 1 ✓ **Correct answer**
- C. 2
- D. None of these

A. Wrong: the ratio is not 0.5 — inertial and gravitational mass are equal.

B. Correct: by the equivalence principle, inertial mass equals gravitational mass, so their ratio is 1. (The printed key for Q87 is illegible in the scan; the answer is decided from the principle.)

C. Wrong: the ratio is not 2 — inertial and gravitational mass are equal.

D. Wrong: option B is correct, so 'None of these' fails.

Question 88 Physics — Dimensions

The dimensional formula for torque is identical to:

- A. kinetic energy ✓ **Correct answer**
- B. pressure energy
- C. momentum of force
- D. All of these

A. Correct (filed): torque has dimensions $[M\,L^2\,T^{-2}]$ — force × distance — and kinetic energy has the same dimensions $[M\,L^2\,T^{-2}]$. Decided by the assistant under the owner's 8 Nov 2026 delegation. (The printed key for Q88 is illegible in the scan.)

B. Also defensible: 'pressure energy' (pressure × volume) also has dimensions $[M\,L^2\,T^{-2}]$ — pressure is $[M\,L^{-1}\,T^{-2}]$ and volume is $[L^3]$ — so (B) is equally correct by dimensions, and the question has two right answers. The filed answer is A.

momentum of force (impulse) has dimensions [M L T^{-1}] — not the same as torque.

D. Wrong: 'All of these' fails because (C) does not match torque's dimensions.

Question 89 Physics — Rotational motion

The moment of linear momentum is called:

- A. impulse
- B. torque
- C. couple
- D. None of these ✓ **Correct answer**

A. Wrong: impulse is the change in linear momentum (force × time), not its moment.

B. Wrong: torque is the moment of force — not the moment of linear momentum. The printed key records B (torque), but torque is r × F, while the moment of linear momentum is r × p. The printed key (B) is wrong; D is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

C. Wrong: a couple is a pair of equal and opposite forces — not the moment of linear momentum.

D. Correct: the moment of linear momentum (r × p) is the angular momentum — and angular momentum is not among the options, so 'None of these' is the answer.

Question 90 Physics — Electromagnetic waves

Pointing vector is closely related to:

- A. power
- B. intensity of field ✓ **Correct answer**
- C. energy density
- D. None of these

the closest match: the Poynting vector is a power density (power per unit area), not power itself.

B. Correct: the magnitude of the Poynting vector equals the intensity of the electromagnetic wave (power per unit area). (The printed key B agrees. The stem prints 'Pointing vector' — filed as printed — for the Poynting vector.)

C. Wrong: energy density (energy per unit volume) is a different quantity from the Poynting vector, which is energy flux.

D. Wrong: option B is correct, so 'None of these' fails.

Question 91 Physics — Elasticity

Young's modulus is the property of:

- A. Gas only
- B. Solid only ✓ **Correct answer**
- C. Liquid only
- D. None of these

A. Wrong: gases have no fixed shape, so Young's modulus (which measures resistance to stretching) does not apply to a gas alone.

B. Correct: Young's modulus describes a solid's resistance to tensile strain — it is a property of solids. (The printed key for Q91 is illegible in the scan; the answer is decided from the definition. Gases and liquids are described by the bulk modulus instead.)

C. Wrong: liquids flow and have no fixed shape, so Young's modulus does not apply to a liquid alone.

D. Wrong: option B is correct, so 'None of these' fails.

92 Physics — Work and energy

Energy possessed by a body in motion is called:

- A. Kinetic Energy ✓ **Correct answer**
- B. Potential Energy
- C. Both (A) and (B)
- D. None of these

A. Correct: energy due to motion is kinetic energy. (The printed key A agrees.)

B. Wrong: potential energy is energy due to position, not motion.

C. Wrong: only (A) fits — a moving body has kinetic energy, not potential energy by virtue of moving.

D. Wrong: option A is correct, so 'None of these' fails.

Question 93 Physics — Heat

Which one of the following has the highest value of specific heat?

- A. Alcohol
- B. Methane
- C. Water ✓ **Correct answer**
- D. None of these

A. Wrong: alcohol (ethanol) has a specific heat of about 2.44 J/g·K — less than water's.

B. Wrong: methane has a specific heat of about 2.2 J/g·K — less than water's. The printed key records B, but B is wrong.

C. Correct: water has the highest specific heat of the three — about 4.18 J/g·K. The printed key (B) is wrong; C is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

D. Wrong: option C is correct, so 'None of these' fails.

94 Physics — Work and energy

Product of Force and Velocity is called:

- A. Work
- B. Power ✓ **Correct answer**
- C. Power and Energy
- D. None of these

A. Wrong: work is force × distance, not force × velocity. The printed key records A, but A is wrong.

B. Correct: power = force × velocity (P = F·v). The printed key (A) is wrong; B is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

C. Wrong: 'Power and Energy' is not a single quantity — and energy is not force × velocity.

D. Wrong: option B is correct, so 'None of these' fails.

Question 95 Physics — Semiconductors

The energy gap value of GaAs is:

- A. 2.5 eV
- B. 1.43 eV ✓ **Correct answer**
- C. 3.42 eV
- D. None of these

A. Wrong: 2.5 eV is not the band gap of gallium arsenide.

B. Correct: the band gap of GaAs (gallium arsenide) at room temperature is 1.43 eV (1.42–1.43 eV). (The printed key for Q95 is illegible in the scan; the answer is decided from the standard value.)

C. Wrong: 3.42 eV is close to the band gap of GaN, not GaAs.

D. Wrong: option B is correct, so 'None of these' fails.

96 Physics — Semiconductors

Silicon is an elemental semiconductor and known as:

- A. Indirect band gap material ✓ **Correct answer**
- B. Direct
- C. Both (A) and (B)
- D. None of these

A. Correct: silicon is an indirect band gap semiconductor — its conduction-band minimum and valence-band maximum are at different crystal momenta. (The printed key for Q96 is illegible in the scan; the answer is decided from the standard fact. Option (B) prints only 'Direct' — apparently truncated — filed as printed.)

B. Wrong: silicon is not a direct band gap material — that is GaAs.

C. Wrong: only (A) fits, so 'Both' fails.

D. Wrong: option A is correct, so 'None of these' fails.

Question 97 Physics — Electronics

OLED stand for:

- A. inorganic LED
- B. organic light emitting device
- C. organic light emitting diode ✓ **Correct answer**
- D. None of these

A. Wrong: OLED is organic, not inorganic.

B. Wrong: the D in OLED stands for 'diode', not 'device'.

C. Correct: OLED = Organic Light Emitting Diode. (The printed key C agrees.)

D. Wrong: option C is correct, so 'None of these' fails.

98 Physics — Light

What is the unit of luminous efficiency of electric bulb?

- A. watt
- B. lox
- C. lumen watt ✓ **Correct answer**
- D. None of these

A. Wrong: the watt is the unit of power, not of luminous efficiency. The printed key records A, but A is wrong.

B. Wrong: 'lox' is a misprint — there is no such unit. (Option (B) prints 'lox' — filed as printed.)

C. Correct: luminous efficiency (luminous efficacy) is measured in lumens per watt — option (C) prints 'lumen watt', taken as lumen per watt. The printed key (A) is wrong; C is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

D. Wrong: option C is correct, so 'None of these' fails.

Question 99 Physics — Optics

In which country both microscope and telescope were invented?

- A. Italy
- B. England
- C. India
- D. None of these ✓ **Correct answer**

A. Wrong: the microscope and telescope were not invented in Italy (Galileo improved the telescope but did not invent it).

B. Wrong: they were not invented in England.

C. Wrong: they were not invented in India.

both the microscope and the telescope were invented in the Netherlands (around 1590–1608 — Hans Lippershey, Zacharias Janssen) — and the Netherlands is not among the options, so 'None of these' is the answer. (The printed key D agrees.)

Question 100 Physics — Waves

Light waves can be polarized because they:

- A. have short wavelengths
- B. have high frequencies
- C. can be reflected
- D. None of these ✓ **Correct answer**

A. Wrong: short wavelength is not why light can be polarized. The printed key records A, but A is wrong.

B. Wrong: high frequency is not why light can be polarized.

C. Wrong: reflection is not why light can be polarized — reflection can produce polarised light, but the reason polarisation is possible is that light is transverse.

D. Correct: light waves can be polarized because they are transverse waves — only transverse waves can be polarized. 'Transverse' is not among the options, so 'None of these' is the answer. The printed key (A) is wrong; D is filed. Decided by the assistant under the owner's 8 Nov 2026 delegation.

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