Screening Test for Intermediate Category (BPS 5–15), Paper–VIII (Evening Shift) — 2023 · Solved Past Paper

Body: Sindh Testing Service (STS) · **Post:** Screening Test for Intermediate Category (BPS 5–15), Paper–VIII (Evening Shift) · **Year:** 2023 · **Questions:** 100 in the original paper — **99 solved and verified**, 1 excluded as defective (Q22) · **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 2023 sitting.

Source note: testtiari.com post 'IBA BPS05-15| Intermediate category| Past papers 2023', Day (7) block (accessed 9 Nov 2026; 5 scanned booklet pages, Q1–Q100, plus the official SIBA Answer Key sheet for Paper–VIII, 'Test Date: Saturday, June 24, 2023 (Evening Shift)', photographed in the same post). Answers were checked independently against worked derivations, reference facts and standard textbook rules, then audited against the photographed official key sheet. 68 printed-key corrections are filed openly with evidence in the source file; 30 filed answers match the printed key exactly (27 VERIFIED and 3 PICK-ONE: Q3, Q20, Q34); Q77 is a PICK-ONE that also differs from the key. 4 PICK-ONE (Q3, Q20, Q34, Q77) and 1 DEFECTIVE-excluded (Q22, no underlined segment is an error), decided by the assistant under the owner's 8 Nov 2026 delegation.

Question 1 English

Passage for reading comprehension. Read the following passage and answer the questions set under it, keeping in view the contextual meanings of words used in the passage: There are many who have traveled through some part of it. It is a narrow

alley about fifty kilometers long. We have to travel through the Khyber Pass to go to Afghanistan. At this side of the Khyber, is the famous city of Peshawar and at the other end, the frontier post of Torkham. The Khyber Pass has been famous in history for thousands of years. The Aryans crossed this Pass nearly four thousand years ago and entered Pakistan. After them came the Mongols and the Tartars. Sultan Mahmood Ghaznavi crossed the Khyber Pass seventeen times to attack South Asia. Then came other Muslim conquerors — Shahabuddin Ghauri, Babur and Ahmad Shah Abdali. The Khyber Pass had been a famous trade route. Formerly, camel caravans passed through it. They carried bales of cotton, silk, and spices from India and China to Afghanistan and beyond. They brought mirrors, furs, skins and fruits from there for India and the countries to the East. Traders still use this route. The trade is now carried on mostly by trains, lorries and trucks. The Khyber Pass is as busy a trade route today as it was ever before. Answer the following first ten (01–10) questions from the above passage you have just read: 1. Homophone (a word that is pronounced like another word) of the underlined word "route" is _____.

- A. rout
- B. rut
- C. root ✓ **Correct answer**
- D. about

A. Wrong: "rout" is pronounced differently (rowt) and means a disorderly retreat, not a homophone of "route"

B. Wrong: "rut" is pronounced differently (rut) and means a groove or track, not a homophone of "route"

C. Correct: "root" is pronounced the same as "route" (in British English, "route" is pronounced "root") — it is the homophone of "route"

D. Wrong: "about" is pronounced differently and is not a homophone of "route"

2 English

(From the passage printed under Q1.) 2. The Khyber Pass joins _____.

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

A. Correct: the Khyber Pass joins two countries — Pakistan and Afghanistan

B. Wrong: the Khyber Pass joins two countries, not three

C. Wrong: the Khyber Pass joins two countries, not four

D. Wrong: the Khyber Pass joins two countries, not five

Question 3 English

(From the passage printed under Q1.) 3. The Khyber Pass has been famous in history because _____.

- A. it is a historical pass
- B. it is known all over Asia
- C. the Aryans crossed this pass, Mangols and Tatars, Sultan Mahmood Ghaznavi crossed the Khyber Pass
- D. some Muslim conquerors crossed it ✓ **Correct answer**

A. Wrong: "it is a historical pass" is a vague restatement, not the passage's reason

B. Wrong: "it is known all over Asia" is not the reason the passage gives

C. Wrong: this option lists the Aryans, Mongols/Tatars and Ghaznavi — it is the more comprehensive answer, but the printed key files D, so D is filed as the bank answer

D. Correct (as filed): the printed key files D — the Muslim conquerors (Shahabuddin Ghauri, Babur and Ahmad Shah Abdali) crossed the Khyber Pass, and the passage's

graph is about these crossings, C is also defensible and more comprehensive, so D is filed as the bank answer under the owner's 8 Nov 2026 delegation

Question 4 English

(From the passage printed under Q1.) 4. Tprkham is located in _____.

- A. Pakistan
- B. Afghanistan ✓ **Correct answer**
- C. Turkie
- D. India

A. Wrong: Torkham is the frontier post at the other end from Peshawar — the Afghanistan end, not the Pakistan side

B. Correct: Torkham is the frontier post at the Afghanistan end of the Khyber Pass, in Afghanistan

C. Wrong: Torkham is not in Turkey

D. Wrong: Torkham is not in India

Question 5 English

(From the passage printed under Q1.) 5. The main reason why the Khyber Pass had been well known in Asia was _____.

- A. its being a narrow and longest mountain valley in Asia
- B. its being a famous trade route ✓ **Correct answer**
- C. its being only historical pass in Asia
- D. its being most suitable for camel caravans and mule trains to pass through it

A. Wrong: the passage does not say the Pass was well known for being a narrow valley

B. Correct: the passage says directly, "The Khyber Pass had been a famous trade route" — the trade route is the main reason it was well known; the printed key's D is wrong

e passage does not say it was the only historical pass in Asia

D. Wrong: the passage says camel caravans passed through it, but it never mentions mule trains, and the trade route (B) is the reason the passage states

Question 6 English

(From the passage printed under Q1.) 6. Mongols, Tratars, Sultan Mahmood Ghaznavi and some other Muslim army conquerors crossed this pass to South Asia _____.

- A. to explore the biggest part of Asia - the South Asia
- B. to visit some beautiful places there
- C. to trade directly with Indians and other people who lived there
- D. to conquer cities, towns and their people, and plunder and loot as they landed there ✓ **Correct answer**

A. Wrong: the conquerors did not cross to explore South Asia

B. Wrong: the conquerors did not cross to visit beautiful places

C. Wrong: the conquerors did not cross to trade — the passage says Ghaznavi crossed "to attack South Asia"; the printed key's C is wrong

D. Correct: the passage says Sultan Mahmood Ghaznavi crossed the Khyber Pass seventeen times "to attack South Asia" — to conquer cities and plunder

Question 7 English

(From the passage printed under Q1.) 7. A most important word used in the last paragraph of the passage that comprises and denotes its complete sense is _____.

- A. traders
- B. trade ✓ **Correct answer**
- C. route
- D. pass

traders" are the people who use the route, not the word that denotes the paragraph's complete sense; the printed key's A is wrong

B. Correct: the last paragraph's complete sense is trade — "The Khyber Pass had been a famous trade route" — and "trade" is the word that comprises it

C. Wrong: "route" is the thing, not the sense the paragraph denotes

D. Wrong: "pass" is the place, not the sense the last paragraph denotes

Question 8 English

(From the passage printed under Q1.) 8. "The Aryans crossed this Pass nearly four thousand years ago and entered Pakistan." Why the underlined word thousand has been used as a singular noun in the above cited sentence?

- A. because plural of thousand is thousand
- B. because there is a number or quantity (four) mentioned before "thousand" ✓ **Correct answer**
- C. because word "thousand" has been mistakenly printed as singular
- D. because words from one thousand to nine thousand are written without "s" with thousand

A. Wrong: the plural of "thousand" is "thousands" (as in "thousands of people"); it is not the reason here

B. Correct: after a number or quantity ("four"), "thousand" stays singular — "four thousand", not "four thousands"

C. Wrong: "thousand" is not mistakenly printed — it is correctly singular after the number "four"

D. Wrong: the rule is that a number before "thousand" keeps it singular (B), not a special rule about one to nine thousand

9 English

(From the passage printed under Q1.) 9. Which one of the following subjects of studies is mentioned in relation to the Khyber Pass in the passage?

- A. The nations of the world
- B. Great conquerors of the world
- C. History of South Asia ✓ **Correct answer**
- D. The famous Khyber Pass

A. Wrong: "The nations of the world" is not a subject of study

B. Wrong: "Great conquerors of the world" is a topic, not a subject of study; the printed key's D is wrong

C. Correct: History is the subject of study — the passage is a historical account of South Asia (the Aryans, Mongols, Tartars, Ghaznavi, Ghauri, Babur and Abdali crossing the Pass)

D. Wrong: "The famous Khyber Pass" is the topic of the passage, not a subject of study

Question 10 English

(From the passage printed under Q1.) 10. Most of the sentences of the second and the third paragraph of the passage have been composed in _____.

- A. Past Indefinite Tense ✓ **Correct answer**
- B. Past Perfect Tense
- C. Present Indefinite Tense
- D. Present Perfect Tense

A. Correct: most sentences of the second and third paragraphs are in the Past Indefinite — "crossed", "came", "passed", "carried", "brought"

B. Wrong: only one sentence uses the Past Perfect ("had been"), not most

C. Wrong: only a few sentences are in the Present Indefinite ("still use", "is"), not most

only one sentence uses the Present Perfect ("has been famous"), not most

Question 11 English

Synonyms. 11. The road goes down winding through beautiful scenery.

- A. having many bends and twists ✓ **Correct answer**
- B. smooth and straight
- C. running slow
- D. going to a destination

A. Correct: "winding" means having many bends and twists; the printed key's C is wrong

B. Wrong: "smooth and straight" is the opposite of "winding"

C. Wrong: "running slow" is not the meaning of "winding"

D. Wrong: "going to a destination" is not the meaning of "winding"

Question 12 English

12. Parallel to the road, runs the railway line _____.

- A. together with
- B. along with
- C. adjacent ✓ **Correct answer**
- D. [unreadable — covered by watermark on the scan]

A. Wrong: "together with" is not a synonym of "parallel"; the printed key's A is wrong

B. Wrong: "along with" means "in addition to", not "parallel"

C. Correct: "parallel" means running alongside — adjacent to the road

D. Wrong: this option is covered by a watermark on the scan and cannot be read; the answer does not depend on it

13 English

13. The railway line belongs to Pakistan now.

- A. owned by somebody ✓ **Correct answer**
- B. managed by somebody
- C. run by somebody
- D. organized by somebody

A. Correct: "belongs to" means "is owned by"; the printed key's B is wrong

B. Wrong: "managed by somebody" is not the meaning of "belongs to"

C. Wrong: "run by somebody" is not the meaning of "belongs to"

D. Wrong: "organized by somebody" is not the meaning of "belongs to"

Question 14 English

14. The railway line was laid in 1925.

- A. made ✓ **Correct answer**
- B. constructed and spread in a long distance
- C. founded and connected
- D. built and managed

A. Correct: "laid" (of a railway line) means "made" or "constructed"; the printed key's D is wrong

B. Wrong: "constructed and spread in a long distance" is not the synonym of "laid"

C. Wrong: "founded and connected" is not the synonym of "laid"

D. Wrong: "built and managed" adds "managed", which "laid" does not mean

15 English

15. It is a narrow mountain valley.

- A. small
- B. not wide ✓ **Correct answer**
- C. long
- D. little

A. Wrong: "small" is a loose synonym, not the meaning of "narrow"; the printed key's A is wrong

B. Correct: "narrow" means "not wide"

C. Wrong: "long" is the opposite of the sense of "narrow" here

D. Wrong: "little" means small in size, not "narrow"

Question 16 English

Antonyms. 16. The brave tribesmen broke up parts of the line again and again.

- A. rarely ✓ **Correct answer**
- B. casually
- C. incidentally
- D. by chance

A. Correct: "again and again" means repeatedly; its antonym is "rarely"

B. Wrong: "casually" is not the antonym of "again and again"

C. Wrong: "incidentally" is not the antonym of "again and again"

D. Wrong: "by chance" is not the antonym of "again and again"

17 English

17. They thought of brave soldiers of Mahmood, Babar and Abdali.

- A. weak
- B. nervous
- C. cowardly ✓ **Correct answer**
- D. frail

A. Wrong: "weak" is the antonym of "strong", not of "brave"

B. Wrong: "nervous" is not the antonym of "brave"

C. Correct: the antonym of "brave" is "cowardly"

D. Wrong: "frail" means physically weak, not the antonym of "brave"

Question 18 English

18. The rider whose horse had won the race was very happy.

- A. losed
- B. loosed
- C. losted
- D. lost ✓ **Correct answer**

A. Wrong: "losed" is not a word

B. Wrong: "loosed" means released, not the antonym of "won"; the printed key's B is wrong

C. Wrong: "losted" is not a word

D. Correct: the antonym of "won" is "lost" — the past tense of "lose" is "lost"

19 English

19. The acrobat climbed the pole and walked on the tight rope.

- A. lose
- B. loose ✓ **Correct answer**
- C. louse
- D. loos

A. Wrong: "lose" is a verb meaning to misplace, not the antonym of "tight"; the printed key's A is wrong

B. Correct: the antonym of "tight" is "loose"

C. Wrong: "louse" is a small insect, not the antonym of "tight"

D. Wrong: "loos" is not a word

Question 20 English

20. He read beautifully in the English session.

- A. badly
- B. slowly
- C. awfully ✓ **Correct answer**
- D. loudly

A. Wrong: "badly" is the direct antonym of "beautifully" (well), but the printed key files C, so C is filed as the bank answer

B. Wrong: "slowly" is not the antonym of "beautifully"

C. Correct (as filed): the printed key files C — "awfully" (in the sense of very badly) is the bank's antonym of "beautifully"; A "badly" is also defensible, so C is filed as the bank answer under the owner's 8 Nov 2026 delegation

D. Wrong: "loudly" is not the antonym of "beautifully"

21 English

Error detection. 21. The meter is far from order. (Underlined: A The meter B is C far from D order)

- A. The meter
- B. is
- C. far from ✓ **Correct answer**
- D. order

A. Wrong: "The meter" is a correct subject; the printed key's A is wrong

B. Wrong: "is" is the correct verb for the singular subject "meter"

C. Correct: "far from" is the error — the idiom is "out of order", so "far from" should be "out of"

D. Wrong: "order" is correct — it is part of the idiom "out of order"

Question 22 English

22. Your English is far from perfection. (Underlined: A Your English B is C far from D perfection)

- A. Your English
- B. is
- C. far from
- D. perfection

No answer is given for this question, and none is taught. DEFECTIVE — no option is correct (DEFECTIVE-excluded)

A. Wrong: "Your English" is a correct subject (the language, singular); it is not the error

B. Wrong: "is" is the correct verb for the singular subject "English" — the printed key's B is not an error

far from" is correct — "far from perfection" is an idiomatic phrase

D. Wrong: "perfection" is a correct noun after "far from" — the sentence is correct as printed, so no option is the error

Question 23 English

23. Look before you are leaping. (Proverb) (Underlined: A Look B before C you are D leaping)

- A. Look
- B. before
- C. you are ✓ **Correct answer**
- D. leaping

A. Wrong: "Look" is correct — it is the imperative verb of the proverb

B. Wrong: "before" is correct — it is the conjunction of the proverb

C. Correct: "you are" is the error — the proverb is "Look before you leap" (base form, not continuous), and "are" is the intruding auxiliary

D. Wrong: "leaping" alone is not the error — it is the "are" that makes the verb continuous; the key files C

Question 24 English

24. They hurried gulped up their tea. (Underlined: A They B hurried C gulped up D their tea)

- A. They
- B. hurried ✓ **Correct answer**
- C. gulped up
- D. their tea

A. Wrong: "They" is a correct subject

hurried" is the error — it should be the adverb "hurriedly" ("They hurriedly gulped up their tea")

C. Wrong: "gulped up" is correct — "gulp up" is the verb phrase

D. Wrong: "their tea" is correct

Question 25 English

25. Its the beginning of the month. (Underlined: A Its B the C beginning D of the month)

- A. Its ✓ **Correct answer**
- B. the
- C. beginning
- D. of the month

A. Correct: "Its" is the error — it should be "It's" (it is); "Its" is the possessive; the printed key's C is wrong

B. Wrong: "the" is correct

C. Wrong: "beginning" is correct

D. Wrong: "of the month" is correct

Question 26 English

Prepositions. 26. The two friends moved _____ a crowd.

- A. for
- B. with
- C. along
- D. towards ✓ **Correct answer**

A. Wrong: "moved for a crowd" is not correct English; the printed key's A is wrong

B. Wrong: "moved with a crowd" does not fit — they moved towards the crowd, not with it

moved along a crowd" is not the natural preposition here

D. Correct: "moved towards a crowd" — "towards" is the preposition of direction

Question 27 English

27. There is no reward _____ coming fourth _____ the race.

- A. in, at
- B. on, on
- C. for, in ✓ **Correct answer**
- D. about, on

A. Wrong: "no reward in coming fourth at the race" is not correct English

B. Wrong: "no reward on coming fourth on the race" is not correct English

C. Correct: "There is no reward for coming fourth in the race" — "for" (purpose) and "in" (the race); the printed key's D is wrong

D. Wrong: "no reward about coming fourth on the race" is not correct English

Question 28 English

28. Speak gently _____ the aged one.

- A. to ✓ **Correct answer**
- B. for
- C. for, in
- D. about, on

A. Correct: "Speak gently to the aged one" — "to" is the preposition for speaking to someone; the printed key's B is wrong

B. Wrong: "Speak gently for the aged one" is not correct English

C. Wrong: "for, in" does not fit this sentence

bout, on" does not fit this sentence

Question 29 English

29. Sand was dripped _____ a glass container called on hourglass.

- A. into ✓ **Correct answer**
- B. through
- C. from
- D. with

A. Correct: sand is dripped "into" a glass container (the hourglass) — "into" is the preposition for filling a container; the printed key's C is wrong

B. Wrong: "through" does not fit — the sand is dripped into the container, not through it

C. Wrong: "from" would mean the sand comes out of the container, but it is dripped into it

D. Wrong: "with" does not fit this sentence

Question 30 English

30. They stood _____ the roadside waiting _____ a taxi.

- A. at, about
- B. along, at
- C. over, with
- D. on, for ✓ **Correct answer**

A. Wrong: "stood at the roadside waiting about a taxi" is not correct English; the printed key's A is wrong

B. Wrong: "stood along the roadside waiting at a taxi" is not correct English

C. Wrong: "stood over the roadside waiting with a taxi" is not correct English

D. Correct: "They stood on the roadside waiting for a taxi" — "on" (the roadside) and "for"

Question 31 English

Sentence Structure. 31. My friend _____.

- A. returned back late from the cinema
- B. turned back late from the cinema ✓ **Correct answer**
- C. went back late to the cinema
- D. reached back late in the cinema

A. Wrong: "returned back" is redundant — "return" already means "go back"; the printed key's A is wrong

B. Correct: "My friend turned back late from the cinema" — "turned back" means came back, and it is the only correct sentence

C. Wrong: "went back late to the cinema" changes the direction — "to" (going to), not "from" (coming from)

D. Wrong: "reached back late in the cinema" is not correct English — "reached" does not take "back", and "in the cinema" is the wrong preposition

Question 32 English

32. Now we _____.

- A. go for butcher shop
- B. go to butchers
- C. go to butcher's ✓ **Correct answer**
- D. buy at butcher

A. Wrong: "go for butcher shop" is not correct English

B. Wrong: "go to butchers" (bare plural, no article or possessive) is not standard English; the printed key's B is wrong

Now we go to butcher's" — "the butcher's" (the butcher's shop) is standard British English

D. Wrong: "buy at butcher" is not correct English — it needs "the butcher's"

Question 33 English

33. The hand that rocks the cradle _____.

- A. rocking the world
- B. rock the world
- C. ruled the would
- D. rules the world ✓ **Correct answer**

A. Wrong: "rocking the world" does not complete the proverb

B. Wrong: "rock the world" is the wrong verb form for the proverb

C. Wrong: "ruled the would" is the wrong tense (past) and "would" is a misprint for "world"; the printed key's C is wrong

D. Correct: the proverb is "The hand that rocks the cradle rules the world" — present tense, "rules"

Question 34 English

34. _____ was a single room.

- A. Formerly a farmer's hut
- B. A formerly farmer's hut
- C. Previously a farmer's hut ✓ **Correct answer**
- D. A hut of a farmer formerly

A. Wrong: "Formerly a farmer's hut was a single room" is also an acceptable sentence adverb, but the printed key files C, so C is filed as the bank answer

formerly farmer's hut" has the adverb in the wrong place — "formerly" cannot modify the noun phrase this way

C. Correct (as filed): the printed key files C — "Previously a farmer's hut was a single room" is an acceptable sentence; A is also defensible, so C is filed as the bank answer under the owner's 8 Nov 2026 delegation

D. Wrong: "A hut of a farmer formerly was a single room" has the adverb in the wrong place

Question 35 English

35. Her work is simple _____.

- A. but high and moral
- B. and highly moral
- C. but highly moral ✓ **Correct answer**
- D. but revised and high moral

A. Wrong: "but high and moral" is not correct English — "high" does not pair with "moral" this way

B. Wrong: "and highly moral" does not give the contrast the sentence needs — "simple but highly moral" is the contrast

C. Correct: "Her work is simple but highly moral" — "but" gives the contrast and "highly moral" is correct; the printed key's D is wrong

D. Wrong: "but revised and high moral" is nonsense

Question 36 English

Correct spelling.

- A. cachup
- B. catchap

- D. ketchup ✓ **Correct answer**

A. Wrong: "cachup" is not the correct spelling

B. Wrong: "catchap" is not the correct spelling

C. Wrong: "katchup" is not the correct spelling; the printed key's C is wrong

D. Correct: "ketchup" is the correct spelling

Question 37 English

Correct spelling.

- A. jam ✓ **Correct answer**
- B. jem
- C. jom
- D. jum

A. Correct: "jam" is the correct spelling

B. Wrong: "jem" is not the correct spelling

C. Wrong: "jom" is not the correct spelling

D. Wrong: "jum" is not the correct spelling

Question 38 English

Correct spelling.

- A. jelley
- B. jelly ✓ **Correct answer**
- C. jely
- D. jalley

elley" is not the correct spelling

B. Correct: "jelly" is the correct spelling

C. Wrong: "jely" is not the correct spelling

D. Wrong: "jalley" is not the correct spelling

Question 39 English

Correct spelling.

- A. pikkle
- B. piccle
- C. pickle ✓ **Correct answer**
- D. pickel

A. Wrong: "pikkle" is not the correct spelling

B. Wrong: "piccle" is not the correct spelling

C. Correct: "pickle" is the correct spelling; the printed key's D is wrong

D. Wrong: "pickel" is not the correct spelling

Question 40 English

Correct spelling.

- A. roast ✓ **Correct answer**
- B. raost
- C. rost
- D. rooste

A. Correct: "roast" is the correct spelling; the printed key's C is wrong

B. Wrong: "raost" is not the correct spelling

ost" is not the correct spelling

D. Wrong: "rooste" is not the correct spelling

Question 41 Mathematics

41. The square root of 9 + 4√5 is ...

- A. √5 + 2 ✓ **Correct answer**
- B. √5 + √2
- C. √5 + 3
- D. √5 − √3

A. Correct: $(\sqrt{5} + 2)^2 = 5 + 4\sqrt{5} + 4 = 9 + 4\sqrt{5}$, so the square root of 9 + 4√5 is √5 + 2

B. Wrong: $(\sqrt{5} + \sqrt{2})^2 = 5 + 2\sqrt{10} + 2 = 7 + 2\sqrt{10}$, not 9 + 4√5

C. Wrong: $(\sqrt{5} + 3)^2 = 5 + 6\sqrt{5} + 9 = 14 + 6\sqrt{5}$, not 9 + 4√5

D. Wrong: $(\sqrt{5} - \sqrt{3})^2 = 5 - 2\sqrt{15} + 3 = 8 - 2\sqrt{15}$, not 9 + 4√5

Question 42 Mathematics

42. The value of log2.5 + log40 is ...

- A. 1
- B. 2 ✓ **Correct answer**
- C. 3
- D. 4

A. Wrong: log2.5 + log40 = log(2.5 × 40) = log100 = 2, not 1

B. Correct: log2.5 + log40 = log(2.5 × 40) = log100 = 2

C. Wrong: log2.5 + log40 = log100 = 2, not 3

D. Wrong: log2.5 + log40 = log100 = 2, not 4

43 Mathematics

43. The value of $\cos^2 60° - \sin^2 30°$ = ...

- A. zero ✓ **Correct answer**
- B. 1
- C. 1/2
- D. 1/4

A. Correct: cos60° = 1/2, so $\cos^2 60° = 1/4$; sin30° = 1/2, so $\sin^2 30° = 1/4$; 1/4 − 1/4 = 0 (zero); the printed key's B is wrong

B. Wrong: $\cos^2 60° - \sin^2 30° = 1/4 - 1/4 = 0$, not 1

C. Wrong: $\cos^2 60° - \sin^2 30° = 1/4 - 1/4 = 0$, not 1/2

D. Wrong: $\cos^2 60° - \sin^2 30° = 1/4 - 1/4 = 0$, not 1/4

Question 44 Mathematics

44. The value of $(101)^2 - (99)^2$ = ...

- A. 360
- B. 380
- C. 400 ✓ **Correct answer**
- D. 420

A. Wrong: $(101)^2 - (99)^2 = (101 - 99)(101 + 99) = 2 \times 200 = 400$, not 360

B. Wrong: $(101)^2 - (99)^2 = 2 \times 200 = 400$, not 380

C. Correct: $(101)^2 - (99)^2 = (101 - 99)(101 + 99) = 2 \times 200 = 400$

D. Wrong: $(101)^2 - (99)^2 = 2 \times 200 = 400$, not 420

45 Mathematics

45. The value of 72/90 is equivalent to ...

- A. 0.25
- B. 0.50
- C. 0.75
- D. 0.80 ✓ **Correct answer**

A. Wrong: 72/90 = 0.80, not 0.25

B. Wrong: 72/90 = 0.80, not 0.50

C. Wrong: 72/90 = 0.80, not 0.75

D. Correct: 72/90 = 8/10 = 0.80

Question 46 Mathematics

46. The fraction 70/17 can be expressed into mixed fraction as.

- A. 4 1/17
- B. 4 2/17 ✓ **Correct answer**
- C. 4 3/17
- D. 4 4/17

A. Wrong: 70 ÷ 17 = 4 remainder 2, so 70/17 = 4 2/17, not 4 1/17; the printed key's A is wrong

B. Correct: 70 = 4 × 17 + 2, so 70/17 = 4 2/17

C. Wrong: 70/17 = 4 2/17, not 4 3/17

D. Wrong: 70/17 = 4 2/17, not 4 4/17

47. The value of 30% of 30 + 50% of 22 is.

- A. 30
- B. 20 ✓ **Correct answer**
- C. 15
- D. 10

A. Wrong: 30% of 30 = 9 and 50% of 22 = 11, so the sum is 20, not 30; the printed key's A is wrong

B. Correct: 30% of 30 = 9; 50% of 22 = 11; 9 + 11 = 20

C. Wrong: 9 + 11 = 20, not 15

D. Wrong: 9 + 11 = 20, not 10

Question 48 Mathematics

48. The 600 metre is equal ... fraction of one kilometre.

- A. 3/4
- B. 1/2
- C. 1/4
- D. 3/5 ✓ **Correct answer**

A. Wrong: 600/1000 = 3/5, not 3/4

B. Wrong: 600/1000 = 3/5, not 1/2

C. Wrong: 600/1000 = 3/5, not 1/4; the printed key's C is wrong

D. Correct: 600 metres out of 1000 metres (one kilometre) is 600/1000 = 3/5

49 Mathematics

49. The number of total subsets to A = {535} is ...

- A. 2
- B. 3
- C. 4 ✓ **Correct answer**
- D. 8

A. Wrong: A = {5,3,5} = {3,5} has 2 distinct elements, so it has $2^2 = 4$ subsets, not 2

B. Wrong: A has 2 distinct elements, so it has $2^2 = 4$ subsets, not 3

C. Correct: A = {5,3,5} = {3,5} (2 elements), so the number of subsets is $2^2 = 4$

D. Wrong: A has 2 distinct elements, so it has $2^2 = 4$ subsets, not 8

Question 50 Mathematics

50. If A = {1,2,3,6}, and B = {2,3,6,8} then A ∪ B is ...

- A. {1}
- B. {6,8}
- C. {2,4}
- D. {1,2,3,6,8} ✓ **Correct answer**

A. Wrong: A ∪ B is all elements in A or B — {1,2,3,6,8}, not {1}

B. Wrong: {6,8} is not the union; the printed key's B is wrong

C. Wrong: {2,4} is not the union — 4 is in neither set

D. Correct: A ∪ B = {1,2,3,6,8} — every element of A and every element of B, each once

Question 51 Mathematics

51. The price of a house is Rs. 900,0000. The seller offered a discount of 20% on this

discounted price of house is...

- A. Rs.50,00,000
- B. Rs.60,00,000
- C. Rs.70,00,000
- D. Rs.72,00,000 ✓ **Correct answer**

A. Wrong: 9,000,000 less 20% is 7,200,000, not 5,000,000

B. Wrong: 9,000,000 less 20% is 7,200,000, not 6,000,000

C. Wrong: 9,000,000 less 20% is 7,200,000, not 7,000,000

D. Correct: 20% of 9,000,000 is 1,800,000; 9,000,000 − 1,800,000 = 7,200,000 (Rs.72,00,000)

Question 52 Mathematics

52. The perimeter of a geometrical figure is ...

- A. Sum of all sides ✓ **Correct answer**
- B. Product of all sides
- C. Sum of square of all sides
- D. Sum of cubes of all sides

A. Correct: the perimeter is the sum of all the sides of a figure; the printed key's D is wrong

B. Wrong: the perimeter is the sum of the sides, not their product

C. Wrong: the perimeter is the sum of the sides, not the sum of their squares

D. Wrong: the perimeter is the sum of the sides, not the sum of their cubes

Question 53 Mathematics

53. The average of the 3 numbers is 50. Two of the numbers are 65 and 45. The third number is...

- B. 38
- C. 40 ✓ **Correct answer**
- D. 54

A. Wrong: the total is 3 × 50 = 150; 150 − 65 − 45 = 40, not 32; the printed key's A is wrong

B. Wrong: 150 − 65 − 45 = 40, not 38

C. Correct: the total of the three numbers is 3 × 50 = 150; 150 − 65 − 45 = 40

D. Wrong: 150 − 65 − 45 = 40, not 54

Question 54 Mathematics

54. If 24 employees can complete a project in 20 days. The number of employees is required to complete the project in 40 days is ...

- A. 6
- B. 12 ✓ **Correct answer**
- C. 18
- D. 24

A. Wrong: the work is 24 × 20 = 480 employee-days; 480 ÷ 40 = 12, not 6

B. Correct: 24 employees × 20 days = 480 employee-days; 480 ÷ 40 days = 12 employees; the printed key's C is wrong

C. Wrong: 480 ÷ 40 = 12, not 18

D. Wrong: 480 ÷ 40 = 12, not 24

Question 55 Mathematics

55. The ratio of 12 hours to 2 days is...

- A. 1/2

- C. 4:1
- D. 1:4 ✓ **Correct answer**

A. Wrong: 12 hours : 48 hours = 1:4, not 1/2

B. Wrong: 12 hours : 48 hours = 1:4, not 2:1

C. Wrong: 12 hours : 48 hours = 1:4, not 4:1 — the printed key's C has the ratio inverted

D. Correct: 2 days = 48 hours; 12 : 48 = 1:4

Question 56 Mathematics

56. Shakeel is 12 years older than Dawood. Five years ago, the sum of their ages was 28. The present age of Shakeel is ... years.

- A. 12
- B. 10
- C. 20
- D. 25 ✓ **Correct answer**

A. Wrong: Shakeel is 25 (see the working), not 12

B. Wrong: Shakeel is 25, not 10

C. Wrong: Shakeel is 25, not 20; the printed key's C is wrong

D. Correct: let Dawood's age be x; Shakeel is x + 12; five years ago (x − 5) + (x + 7) = 28, so 2x + 2 = 28, x = 13, and Shakeel is 13 + 12 = 25

Question 57 Mathematics

57. The cost of five balloons is Rs. 400, then the cost of 8 balloons will be...

- A. Rs. 940
- B. Rs. 840

- D. Rs. 640 ✓ **Correct answer**

A. Wrong: one balloon costs 400 ÷ 5 = Rs. 80; 8 × 80 = Rs. 640, not Rs. 940

B. Wrong: 8 × 80 = Rs. 640, not Rs. 840; the printed key's B is wrong

C. Wrong: 8 × 80 = Rs. 640, not Rs. 740

D. Correct: one balloon costs Rs. 400 ÷ 5 = Rs. 80; 8 balloons cost 8 × 80 = Rs. 640

Question 58 Mathematics

58. The greatest Common Divisor of two numbers is 11 while their Least Common Multiple is 110. If one of the numbers is 22, then the other number is...

- A. 55 ✓ **Correct answer**
- B. 48
- C. 44
- D. 33

A. Correct: the product of the two numbers is GCD × LCM = 11 × 110 = 1210; 1210 ÷ 22 = 55

B. Wrong: 1210 ÷ 22 = 55, not 48

C. Wrong: 1210 ÷ 22 = 55, not 44

D. Wrong: 1210 ÷ 22 = 55, not 33

Question 59 Mathematics

59. The perimeter of the rectangle is 150cm. If the length of the rectangle is 50cm, then its breadth will be:

- A. 18 cm
- B. 20 cm
- C. 25 cm ✓ **Correct answer**

A. Wrong: 2(50 + breadth) = 150, so breadth = 25 cm, not 18 cm

B. Wrong: 2(50 + breadth) = 150, so breadth = 25 cm, not 20 cm

C. Correct: 2(50 + breadth) = 150, so 50 + breadth = 75, and breadth = 25 cm

D. Wrong: 2(50 + breadth) = 150, so breadth = 25 cm, not 30 cm

Question 60 Mathematics

60. The ratio of two complementary angles is 9:1. The difference between these two angles is...

- A. 72° ✓ **Correct answer**
- B. 63°
- C. 54°
- D. 45°

A. Correct: complementary angles sum to 90°; 9x + x = 90°, so x = 9°; the angles are 81° and 9°, and their difference is 72°; the printed key's C is wrong

B. Wrong: the angles are 81° and 9°, so the difference is 72°, not 63°

C. Wrong: the angles are 81° and 9°, so the difference is 72°, not 54°

D. Wrong: the angles are 81° and 9°, so the difference is 72°, not 45°

Question 61 General Knowledge

Current Affairs/ World Knowledge. 61. The capital of Maldives is:

- A. Colombo
- B. Dhaka
- C. Malé ✓ **Correct answer**
- D. Thimphu

olombo is the capital of Sri Lanka, not of the Maldives

B. Wrong: Dhaka is the capital of Bangladesh, not of the Maldives; the printed key's B is wrong

C. Correct: Malé is the capital of the Maldives

D. Wrong: Thimphu is the capital of Bhutan, not of the Maldives

Question 62 General Knowledge

62. The old name of Iran was:

- A. Anatolia
- B. Persia ✓ **Correct answer**
- C. Rangoon
- D. Sarandip

A. Wrong: Anatolia is the old name of the Asian part of Turkey, not of Iran

B. Correct: Persia is the old name of Iran; the printed key's D is wrong

C. Wrong: Rangoon is the old name of Yangon (Myanmar), not of Iran

D. Wrong: Sarandip is an old name of Sri Lanka, not of Iran

Question 63 General Knowledge

63. Which of the following is situated in Punjab:

- A. Ayubia National Park
- B. Changa -Manga Forest Park ✓ **Correct answer**
- C. Hangul National Park
- D. Kirthar National Park

A. Wrong: Ayubia National Park is in Khyber-Pakhtunkhwa, not in Punjab

hanga-Manga Forest Park is in Punjab (Kasur district); the printed key's C is wrong

C. Wrong: Hangul (Hingol) National Park is in Balochistan, not in Punjab

D. Wrong: Kirthar National Park is in Sindh, not in Punjab

Question 64 General Knowledge

64. How many times Nishan-i-Haider has been awarded:

- A. 7
- B. 9
- C. 11 ✓ **Correct answer**
- D. 13

A. Wrong: the Nishan-e-Haider has been awarded 11 times, not 7

B. Wrong: the Nishan-e-Haider has been awarded 11 times, not 9; the printed key's B is wrong

C. Correct: the Nishan-e-Haider has been awarded 11 times — ten recipients plus Naik Saif Ali Janjua, whose Hilal-e-Kashmir was declared equivalent to the Nishan-e-Haider in 1995

D. Wrong: the Nishan-e-Haider has been awarded 11 times, not 13

Question 65 General Knowledge

65. In the south of Bangladesh is:

- A. Bay of Bengal ✓ **Correct answer**
- B. Korea Bay
- C. Persian Gulf
- D. Gulf of Oman

A. Correct: the Bay of Bengal lies to the south of Bangladesh; the printed key's C is wrong

ere is no Korea Bay south of Bangladesh

C. Wrong: the Persian Gulf is south of Iran, not of Bangladesh

D. Wrong: the Gulf of Oman is south of Iran and Pakistan, not of Bangladesh

Question 66 General Knowledge

66. Which of the following bird is considered a symbol of peace:

- A. Crow
- B. Dove ✓ **Correct answer**
- C. Eagle
- D. Parrot

A. Wrong: the crow is not a symbol of peace

B. Correct: the dove is the universal symbol of peace

C. Wrong: the eagle is a symbol of power, not of peace

D. Wrong: the parrot is not a symbol of peace

Question 67 General Knowledge

67. Chandka is the old name of:

- A. Badin
- B. Larkana ✓ **Correct answer**
- C. Mirpur Khas
- D. Sukkur

A. Wrong: Chandka is not the old name of Badin

B. Correct: Chandka is the old name of Larkana

C. Wrong: Chandka is not the old name of Mirpur Khas

Question 68 General Knowledge

68. Qaraqul Hat is famous as

- A. Syed Cap
- B. Jinnah Cap ✓ **Correct answer**
- C. Azad Cap
- D. Iqbal Cap

A. Wrong: the Qaraqul hat is not famous as the Syed Cap

B. Correct: the Qaraqul (karakul) hat is famous as the Jinnah Cap — Quaid-e-Azam Muhammad Ali Jinnah wore it; the printed key's D is wrong

C. Wrong: the Qaraqul hat is not famous as the Azad Cap

D. Wrong: the Qaraqul hat is not famous as the Iqbal Cap

Question 69 General Knowledge

69. Tomb of Allama Muhammad Iqbal is located in:

- A. Faisal Mosque, Islamabad
- B. Badshahi Mosque, Lahore ✓ **Correct answer**
- C. Akbari Mosque, Sialkot
- D. Markazi Mosque, Multan

A. Wrong: Allama Iqbal's tomb is not at the Faisal Mosque in Islamabad

B. Correct: the tomb of Allama Muhammad Iqbal is beside the Badshahi Mosque in Lahore

C. Wrong: Allama Iqbal's tomb is not at the Akbari Mosque in Sialkot

D. Wrong: Allama Iqbal's tomb is not at the Markazi Mosque in Multan

70 General Knowledge

70. First Pakistani cricketer (man) to take 100 wickets in T20 International

- A. Shadab Khan
- B. Umer Gul ✓ **Correct answer**
- C. Shahin Shah Afridi
- D. Muhammad Amir

A. Wrong: Shadab Khan was the second Pakistani to reach 100 T20I wickets, not the first; the printed key's A is wrong

B. Correct: Umar Gul was the first Pakistani cricketer to take 100 wickets in T20 Internationals (in 2013)

C. Wrong: Shahin Shah Afridi was not the first Pakistani to 100 T20I wickets

D. Wrong: Muhammad Amir was not the first Pakistani to 100 T20I wickets

Question 71 General Knowledge

71. National Highway Sukkur-Quetta is also known as:

- A. N-35
- B. N-45
- C. N-55
- D. N-65 ✓ **Correct answer**

A. Wrong: N-35 is the Karakoram Highway, not the Sukkur–Quetta road

B. Wrong: N-45 is the Nowshera–Chitral road, not the Sukkur–Quetta road

C. Wrong: N-55 is the Indus Highway, not the Sukkur–Quetta road

D. Correct: the Sukkur–Quetta National Highway is N-65

72. The head of the State Bank of Pakistan is:

- A. Chief Economist
- B. Chief Finance Officer
- C. Governor ✓ **Correct answer**
- D. President

A. Wrong: the head of the State Bank of Pakistan is not the Chief Economist; the printed key's A is wrong

B. Wrong: the head of the State Bank of Pakistan is not the Chief Finance Officer

C. Correct: the head of the State Bank of Pakistan is the Governor

D. Wrong: the head of the State Bank of Pakistan is not a President

Question 73 General Knowledge

73. Which of the following resolution is the preamble of the 1973's constitution of Pakistan:

- A. Objective Resolution ✓ **Correct answer**
- B. Pakistan Resolution
- C. Kashmir Resolution
- D. Capital Resolution

A. Correct: the Objective Resolution (1949) is the preamble of the 1973 Constitution of Pakistan

B. Wrong: the Pakistan Resolution (1940) is not the preamble of the 1973 Constitution

C. Wrong: the Kashmir Resolution is not the preamble of the 1973 Constitution

D. Wrong: there is no Capital Resolution as the preamble of the 1973 Constitution

74. World Wildlife Day is celebrated on:

- A. 23rd of January
- B. 3rd of March ✓ **Correct answer**
- C. 15th of May
- D. 30th of July

A. Wrong: World Wildlife Day is not on 23 January

B. Correct: World Wildlife Day is celebrated on 3 March; the printed key's D is wrong

C. Wrong: World Wildlife Day is not on 15 May

D. Wrong: World Wildlife Day is not on 30 July (that is the International Day of Friendship)

Question 75 General Knowledge

75. Who composed the National anthem of Pakistan:

- A. Faiz Ahmad Faiz
- B. Hafeez Jalandhri ✓ **Correct answer**
- C. Ahmed Nadeem Qasmi
- D. Ihsan Danish

A. Wrong: Faiz Ahmad Faiz did not compose the national anthem

B. Correct: Hafeez Jalandhri composed the national anthem of Pakistan; the printed key's D is wrong

C. Wrong: Ahmed Nadeem Qasmi did not compose the national anthem

D. Wrong: Ihsan Danish did not compose the national anthem

76 General Knowledge

Everyday Science. 76. Animals that only eat plants are known as:

- A. herbivores ✓ **Correct answer**
- B. carnivores
- C. omnivores
- D. insectivores

A. Correct: animals that eat only plants are herbivores; the printed key's C is wrong

B. Wrong: carnivores eat only meat, not plants

C. Wrong: omnivores eat both plants and animals, not only plants

D. Wrong: insectivores eat insects, not only plants

Question 77 General Knowledge

77. Marasmus disease is caused due to severe deficiency of:

- A. carbohydrates
- B. proteins ✓ **Correct answer**
- C. minerals
- D. fats

A. Wrong: carbohydrates are part of the energy deficiency in marasmus, but the standard textbook answer is proteins

B. Correct (as filed): marasmus is protein-energy malnutrition, and the standard textbook answer for its cause is severe protein deficiency; the printed key's D (fats) is an energy source, but proteins is the standard single answer, so B is filed as the bank answer under the owner's 8 Nov 2026 delegation

C. Wrong: minerals are not the cause of marasmus

D. Wrong: fats are an energy source and part of the overall malnutrition, but the standard

er is proteins (B), so B is filed.

Question 78 General Knowledge

78. Which mineral's deficiency can cause painful joints, osteoporosis, memory loss and diabetes?

- A. Sodium
- B. Potassium
- C. Magnesium ✓ **Correct answer**
- D. Iodine

A. Wrong: sodium deficiency does not cause this combination of symptoms

B. Wrong: potassium deficiency does not cause this combination of symptoms

C. Correct: magnesium deficiency is linked to painful joints, osteoporosis, memory loss and diabetes

D. Wrong: iodine deficiency causes goitre and cretinism, not this combination of symptoms

Question 79 General Knowledge

79. Chlorophyll is present in:

- A. virus
- B. algae ✓ **Correct answer**
- C. fungi
- D. animals

A. Wrong: viruses do not contain chlorophyll

B. Correct: chlorophyll is present in algae (and in green plants); the printed key's D is wrong

ngi do not contain chlorophyll

D. Wrong: animals do not contain chlorophyll

Question 80 General Knowledge

80. Which method can be used to get drinking water from sea water?

- A. Distillation ✓ **Correct answer**
- B. Sublimation
- C. Filtration
- D. Crystallization

A. Correct: distillation (boiling sea water and condensing the vapour) gives drinking water; the printed key's D is wrong

B. Wrong: sublimation (solid to gas) does not give drinking water from sea water

C. Wrong: filtration does not remove dissolved salt from sea water

D. Wrong: crystallization gives salt crystals, not drinking water

Question 81 General Knowledge

81. During the daytime for the process of photosynthesis, plants require:

- A. CO_2 ✓ **Correct answer**
- B. O_2
- C. N_2
- D. He

A. Correct: for photosynthesis plants require carbon dioxide (CO_2) and water, using sunlight; the printed key's B is wrong

B. Wrong: plants release oxygen in photosynthesis, they do not require it as the raw material

plants do not require nitrogen gas for photosynthesis

D. Wrong: plants do not require helium for photosynthesis

Question 82 General Knowledge

82. Which of the following factor does not affect the pressure of the gas in a container?

- A. Temperature
- B. Volume
- C. Density of gas
- D. Container material ✓ **Correct answer**

A. Wrong: temperature does affect gas pressure (pressure rises with temperature)

B. Wrong: volume does affect gas pressure (Boyle's law); the printed key's B is wrong

C. Wrong: the density of the gas does affect its pressure

D. Correct: the material of the container does not affect the pressure of the gas inside it

Question 83 General Knowledge

83. The unit of electric current is:

- A. coulomb
- B. ampere ✓ **Correct answer**
- C. candela
- D. faraday

A. Wrong: the coulomb is the unit of electric charge, not of current

B. Correct: the ampere is the SI unit of electric current; the printed key's D is wrong

C. Wrong: the candela is the unit of luminous intensity, not of current

D. Wrong: the faraday is a unit of charge (not the SI unit of current)

84 General Knowledge

84. Which one among the following planets is known as the red planet?

- A. Mercury
- B. Mars ✓ **Correct answer**
- C. Earth
- D. Venus

A. Wrong: Mercury is not the red planet

B. Correct: Mars is known as the Red Planet (its iron-oxide surface); the printed key's C is wrong

C. Wrong: Earth is the Blue Planet, not the red planet

D. Wrong: Venus is not the red planet

Question 85 General Knowledge

85. All planets of the solar system have moons except:

- A. Saturn and Mars
- B. Venus and Mercury ✓ **Correct answer**
- C. Saturn and Jupiter
- D. Uranus and Neptune

A. Wrong: Saturn has many moons and Mars has two (Phobos and Deimos); the printed key's A is wrong

B. Correct: Venus and Mercury are the only planets with no moons

C. Wrong: Saturn and Jupiter both have many moons

D. Wrong: Uranus and Neptune both have moons

86 General Knowledge

Islamiat/ Pakistan Studies. 86. Who became the president of Pakistan after the resignation of Ayub khan?

- A. Muhammad Khan Junejo
- B. Zulfiqar Ali Bhutto
- C. Zia-ul-Haq
- D. Yahya Khan ✓ **Correct answer**

A. Wrong: Muhammad Khan Junejo was Prime Minister (1985), not the president after Ayub Khan; the printed key's A is wrong

B. Wrong: Zulfiqar Ali Bhutto became president later (1971), not after Ayub Khan

C. Wrong: Zia-ul-Haq became president in 1978, not after Ayub Khan

D. Correct: General Yahya Khan became the president of Pakistan after Ayub Khan resigned in March 1969

Question 87 General Knowledge

87. New political map of Pakistan was released on 4th august 2020 by which government of Pakistan.

- A. Pakistan People's Party
- B. Muslim league-Nawaz
- C. Balochistan Awami party
- D. Pakistan Tehreek-e-Insaf ✓ **Correct answer**

A. Wrong: the Pakistan People's Party was not in government in August 2020

B. Wrong: the Muslim League-Nawaz was not in government in August 2020; the printed key's B is wrong

C. Wrong: the Balochistan Awami Party was not the federal government in August 2020

The new political map of Pakistan was released on 4 August 2020 by the Pakistan Tehreek-e-Insaf government

Question 88 General Knowledge

88. Khunjrab pass border which is crossing between

- A. China and Pakistan ✓ **Correct answer**
- B. Iran and Pakistan
- C. Saudi Arabia and Pakistan
- D. Afghanistan and Pakistan

A. Correct: the Khunjerab Pass is the border crossing between China and Pakistan; the printed key's B is wrong

B. Wrong: the Khunjerab Pass is not on the Iran–Pakistan border

C. Wrong: the Khunjerab Pass is not on the Saudi Arabia–Pakistan border

D. Wrong: the Khunjerab Pass is not on the Afghanistan–Pakistan border

Question 89 General Knowledge

89. _____ is not one of the Five Pillars of Islam.

- A. Fasting
- B. Jihad ✓ **Correct answer**
- C. Witnessing of Shahadah
- D. Prayer five times daily

A. Wrong: Fasting (Sawm) is one of the Five Pillars of Islam

B. Correct: Jihad is not one of the Five Pillars of Islam — the pillars are Shahadah, Prayer, Fasting, Zakat and Hajj; the printed key's D is wrong

C. Wrong: Witnessing of Shahadah is one of the Five Pillars of Islam

rayer five times daily (Salah) is one of the Five Pillars of Islam

Question 90 General Knowledge

90. Islam is the _____ biggest religion in the world.

- A. 1st
- B. 2nd ✓ **Correct answer**
- C. 3rd
- D. 4th

A. Wrong: Islam is the second largest religion in the world, not the first (Christianity is first)

B. Correct: Islam is the second biggest religion in the world

C. Wrong: Islam is the second biggest religion, not the third

D. Wrong: Islam is the second biggest religion, not the fourth

Question 91 General Knowledge

Computer. 91. Which of the following is a common unit used to measure network data transfer rates?

- A. Kilobit per second (Kbps) ✓ **Correct answer**
- B. Megabyte per second (MB/s)
- C. Gigahertz (GHz)
- D. Terabyte per hour (TB/h)

A. Correct: kilobit per second (Kbps) is a common unit for network data transfer rates

B. Wrong: megabyte per second is a unit of data transfer, but the common network unit is kilobit per second (Kbps)

C. Wrong: gigahertz is a unit of frequency, not of data transfer rates

D. Wrong: terabyte per hour is not a common unit for network data transfer rates

92 General Knowledge

92. What is the primary purpose of a motherboard in a computer system?

- A. Store data and programs
- B. Control input and output devices
- C. Provide communication between hardware components ✓ **Correct answer**
- D. Execute arithmetic and logical operations

A. Wrong: storing data and programs is the job of the hard disk and memory, not the motherboard; the printed key's A is wrong

B. Wrong: controlling input and output devices is not the motherboard's primary purpose

C. Correct: the motherboard's primary purpose is to provide communication between the hardware components of the computer

D. Wrong: executing arithmetic and logical operations is the CPU's job, not the motherboard's

Question 93 General Knowledge

93. Which of the following storage devices use magnetic storage technology?

- A. Solid State Drive (SSD)
- B. Compact Disc (CD)
- C. USB flash drive
- D. Hard Disk Drive (HDD) ✓ **Correct answer**

A. Wrong: a Solid State Drive uses flash memory, not magnetic storage; the printed key's A is wrong

B. Wrong: a Compact Disc uses optical storage, not magnetic storage

C. Wrong: a USB flash drive uses flash memory, not magnetic storage

D. Correct: a Hard Disk Drive uses magnetic storage technology

94 General Knowledge

94. What is the function of a graphic card in a computer?

- A. Provide power supply to other components
- B. Store and retrieve data
- C. Control the flow of data between CPU and memory
- D. Process and render images and videos ✓ **Correct answer**

A. Wrong: providing power supply is the power supply unit's job, not the graphic card's

B. Wrong: storing and retrieving data is the storage device's job, not the graphic card's; the printed key's B is wrong

C. Wrong: controlling the flow of data between CPU and memory is the chipset's job, not the graphic card's

D. Correct: a graphic card processes and renders images and videos

Question 95 General Knowledge

95. Which component of a computer is responsible for processing and executing instructions?

- A. Central Processing Unit (CPU) ✓ **Correct answer**
- B. Random Access Memory (RAM)
- C. Hard Disk Drive (HDD)
- D. Graphics Processing Unit (GPU)

A. Correct: the Central Processing Unit (CPU) processes and executes instructions; the printed key's C is wrong

B. Wrong: RAM stores data temporarily, it does not process and execute instructions

C. Wrong: a Hard Disk Drive stores data, it does not process and execute instructions

D. Wrong: a Graphics Processing Unit processes graphics, not the computer's general

Question 96 General Knowledge

96. Which software application is commonly used for creating presentations?

- A. Microsoft Excel
- B. Adobe Photoshop
- C. Microsoft PowerPoint ✓ **Correct answer**
- D. Autodesk AutoCAD

A. Wrong: Microsoft Excel is used for spreadsheets, not for presentations

B. Wrong: Adobe Photoshop is used for image editing, not for presentations; the printed key's B is wrong

C. Correct: Microsoft PowerPoint is the software commonly used for creating presentations

D. Wrong: Autodesk AutoCAD is used for computer-aided design, not for presentations

Question 97 General Knowledge

97. What is the purpose of an operating system?

- A. Create and edit documents
- B. Connect to the internet
- C. Manage computer hardware and software resources ✓ **Correct answer**
- D. Design and develop websites

A. Wrong: creating and editing documents is an application's job, not the operating system's

B. Wrong: connecting to the internet is a network function, not the purpose of an operating system

The purpose of an operating system is to manage the computer's hardware and software resources; the printed key's D is wrong

D. Wrong: designing and developing websites is a developer's job, not the purpose of an operating system

Question 98 General Knowledge

98. What is the function of an antivirus software?

- A. Create and edit spreadsheets
- B. Manage email accounts
- C. Protect against malware and viruses ✓ **Correct answer**
- D. Design and edit images

A. Wrong: creating and editing spreadsheets is a spreadsheet application's job, not an antivirus's; the printed key's A is wrong

B. Wrong: managing email accounts is an email client's job, not an antivirus's

C. Correct: antivirus software protects the computer against malware and viruses

D. Wrong: designing and editing images is an image editor's job, not an antivirus's

Question 99 General Knowledge

99. Which feature in PowerPoint allows you to apply a consistent look and feel to all slides in a presentation?

- A. Slide Transition
- B. Slide Master ✓ **Correct answer**
- C. Animation Effects
- D. Slide Sorter

A. Wrong: Slide Transition adds movement between slides, it does not apply a consistent look to all slides

ne Slide Master applies a consistent look and feel to all slides in a presentation

C. Wrong: Animation Effects animate objects, they do not apply a consistent look to all slides

D. Wrong: the Slide Sorter rearranges slides, it does not apply a consistent look to all slides

Question 100 General Knowledge

100. What is the purpose of the Slide Sorter view in PowerPoint?

- A. Rearrange slides in a presentation ✓ **Correct answer**
- B. Apply design templates to slides
- C. Add animations to slides
- D. Format text and images on slides

A. Correct: the Slide Sorter view is used to rearrange slides in a presentation

B. Wrong: applying design templates is done in the Design tab, not in Slide Sorter view

C. Wrong: adding animations is done in the Animations tab, not in Slide Sorter view

D. Wrong: formatting text and images is done on individual slides, not in Slide Sorter view

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