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

Body: Sindh Testing Service (STS) · **Post:** Screening Test for Intermediate Category (BPS 5–15), Paper–III · **Year:** 2023 · **Questions:** 100 in the original paper — **99 solved and verified**, 1 excluded as defective (Q45) · **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 (3) block (accessed 9 Nov 2026; 5 scanned booklet pages, Q1–Q100, plus the official SIBA Answer Key sheet for Paper–III, 'Test Date: Wednesday, June 14, 2023', 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. Two printed-key corrections are filed openly with evidence (Q20: key A 'in' corrected to D 'over'; Q49: key D 2/7 corrected to C 3/2). 1 PICK-ONE (Q81, B 'Lungs' filed as the bank answer) and 1 DEFECTIVE-excluded (Q45), 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 below it: Some are high-born, some are low-born, some are greatness thrust on, most are born of poor parents, and some are born of unknown parents. Sadoro was born with a silver spoon in his mouth. His father rolled in many. He ran a

iness that made him mint money. Sadoro was brought up by an old nurse and taught by and lived with a governess in his father's home. He was given a best education. He always paid attention to personal grooming. He being the eldest of his siblings, his parents loved him passionately and took great care of his health, education and personal growth. Everything went well with him until he came of age. Once he heard his father say that friends cannot be made, they can only be had. Sadoro made friends with some of his classmates who belonged to good middle-class families. He would share good ideas about life with them, and they would also share with him their good experiences and nice pieces of advice. However well Sadoro lived his life, things changed all of a sudden. As ill-luck would have it, he fell a prey to a bad company. His old friends warned him against falling victim to his new friends' bad habits and misdeeds. But he would pay a deaf ear to their sincere exhortions and instructions. He started smoking first and took to alcohol later. He would hang out with his new friends and come home late in the night. His parents condemned him for his being wayward and were concerned about his health and future academic pursuits and career. They became disillusioned with him for their son who they always took to be a genuine precious stone unfortunately turned to be a flawed one. What a great pity! Answer the following first ten (01-10) questions from the above passage you have just read: 1. How many kinds of persons, by origins, including Sadoro, are mentioned in the passage?

- A. five
- B. six ✓ **Correct answer**
- C. seven
- D. eight

A. Wrong: five misses one kind — the passage names high-born, low-born, greatness thrust on, born of poor parents, born of unknown parents, and Sadoro himself, which is six

B. Correct: the passage names five kinds of origin (high-born, low-born, greatness thrust on, born of poor parents, born of unknown parents) plus Sadoro, born with a silver spoon in his mouth — six in all

ven is one too many — only six kinds are named

D. Wrong: eight is two too many — only six kinds are named

Question 2 English

(From the passage printed under Q1.) 2. What is meaning of the underlined phrase born with a silver spoon in his mouth?

- A. born in a very rich family ✓ **Correct answer**
- B. born in a noble family
- C. born in an aristocratic family
- D. born in a goldsmith's family

A. Correct: to be born with a silver spoon in one's mouth means to be born into a very rich family — Sadoro's father ran a roaring business and made him mint money

B. Wrong: 'noble family' is about rank, not the wealth the idiom means

C. Wrong: 'aristocratic family' is about rank, not the wealth the idiom means

D. Wrong: a goldsmith's family is not what the idiom means

Question 3 English

(From the passage printed under Q1.) 3. Underlined phrase "came of age" means.

- A. attained adulthood ✓ **Correct answer**
- B. grew old
- C. got married
- D. became sensible

A. Correct: 'came of age' means attained adulthood — reached the age of legal majority

B. Wrong: 'grew old' means aged, not came of age

C. Wrong: 'got married' is not what 'came of age' means

became sensible" is not what "came of age' means

Question 4 English

(From the passage printed under Q1.) 4. How many kinds did Sadoro make friends with?

- A. as many as he wanted to make
- B. some persons of good families
- C. two kinds — the old friends and the new friends ✓ **Correct answer**
- D. many of mixed-class society

A. Wrong: the passage says friends cannot be made, they can only be had — and it names two sets, the old friends and the new friends

B. Wrong: 'some persons of good families' names only his classmates, the old friends, not both kinds

C. Correct: the passage names two kinds — his old friends (classmates from good middle-class families) and his new friends (the bad company)

D. Wrong: 'mixed-class society' is not how the passage divides his friends

Question 5 English

(From the passage printed under Q1.) 5. What is meaning of underlined phrase "pay a deaf ear"?

- A. become hard of hearing
- B. to be dead deaf
- C. pay a divided attention
- D. not to pay attention to what somebody says ✓ **Correct answer**

A. Wrong: 'become hard of hearing' is a physical condition, not the idiom's meaning

B. Wrong: 'to be dead deaf' is a physical condition, not the idiom's meaning

ay a divided attention is not the idiom — Sadoro ignored the exhortions entirely

D. Correct: to pay a deaf ear (turn a deaf ear) means not to pay attention to what somebody says — Sadoro ignored his old friends' sincere exhortions

Question 6 English

(From the passage printed under Q1.) 6. What is meaning of underlined words hang out?

- A. like to often go out for nothing serious or productive ✓ **Correct answer**
- B. walk slowly without any sense of purpose
- C. remain out of home just for some business
- D. go out for sight-seeing and relaxation

A. Correct: 'hang out' means to spend time idly with friends, going out for nothing serious or productive — Sadoro would hang out with his new friends and come home late

B. Wrong: 'walk slowly' describes a gait, not hanging out

C. Wrong: 'remain out of home just for some business' is the opposite of hanging out — it implies a purpose

D. Wrong: 'go out for sight-seeing' is a specific activity, not hanging out

Question 7 English

(From the passage printed under Q1.) 7. Choose the correct meaning of the underlined word "disillusioned" from the following multiple choice.

- A. unhappy
- B. very sad
- C. shocked
- D. disappointed ✓ **Correct answer**

A. Wrong: 'unhappy' is too general — disillusioned means specifically disappointed by the

B. Wrong: 'very sad' is too general — disillusioned means disappointed, not merely sad

C. Wrong: 'shocked' means suddenly surprised, not disillusioned

D. Correct: 'disillusioned' means disappointed — the parents' belief that their son was a genuine precious stone was shattered

Question 8 English

(From the passage printed under Q1.) 8. Meaning of the underlined word "siblings" means _____.

- A. kith and kin
- B. brothers or sisters ✓ **Correct answer**
- C. next of kin
- D. distant relatives

A. Wrong: 'kith and kin' means friends and relatives in general, not siblings

B. Correct: 'siblings' means brothers or sisters — Sadoro was the eldest of his siblings

C. Wrong: 'next of kin' means the closest living relative, not siblings

D. Wrong: 'distant relatives' are far relations, not siblings

Question 9 English

(From the passage printed under Q1.) 9. Two sets of words "A genuine precious stone" and "a flawed one" are used as _____.

- A. similar to each other in meaning
- B. opposite to each other in meaning ✓ **Correct answer**
- C. famous words
- D. ideas or phrases used very often

genuine precious stone' and 'flawed one' are not similar in meaning — they contrast

B. Correct: the two phrases are opposites — a genuine precious stone (what the parents believed) against a flawed one (what Sadoro turned out to be)

C. Wrong: the question asks about the relation between the two phrases, not their fame

D. Wrong: the question asks about the relation between the two phrases, not how often they are used

Question 10 English

(From the passage printed under Q1.) 10. The words "a genuine precious stone" referring to Sadoro's personality are used as _____.

- A. a simile
- B. a metaphor ✓ **Correct answer**
- C. an idiom
- D. an aphorism

A. Wrong: a simile uses 'like' or 'as' — no such word is used here

B. Correct: Sadoro is directly called a genuine precious stone without 'like' or 'as' — that is a metaphor

C. Wrong: the phrase is not a fixed idiom

D. Wrong: an aphorism is a short saying of a general truth, not this comparison

Question 11 English

Synonyms. 11. Lovely duck, I stroke your shining back.

- A. past tense of verb strike
- B. to move your hand gently over a surface

ngle successful action or event

- D. to move your hand gently and slowly over an animal's fur or hair ✓ **Correct answer**

A. Wrong: 'stroke' here is not the past tense of 'strike' — the sentence is about caressing the duck

B. Wrong: B is the plain dictionary sense, but the paper's note says synonyms are based on their contextual meanings in the given sentences — this sentence is about stroking an animal's back, which is D

C. Wrong: 'a single successful action or event' is the noun sense of 'stroke' (a stroke of luck), not the verb used here

D. Correct: in this sentence 'stroke' means to move the hand gently and slowly over the animal's back — the contextual meaning the paper asks for, and the printed key's answer

Question 12 English

Synonyms. 12. The tiger got into the trap.

- A. an unpleasant situation
- B. a clever plan designed to trick somebody
- C. a piece of equipment for catching animals ✓ **Correct answer**
- D. net

A. Wrong: 'an unpleasant situation' is the figurative sense of 'trap', not the literal one in this sentence

B. Wrong: 'a clever plan' is a figurative sense of 'trap', not the literal one here

C. Correct: in this sentence 'trap' is literally a piece of equipment for catching animals — the tiger got into it

D. Wrong: a net is a different piece of equipment, not a trap

13 English

Synonyms. 13. They found the child missing.

- A. absent
- B. away
- C. taken
- D. lost ✓ **Correct answer**

A. Wrong: 'absent' means not present at a place where one should be, not missing

B. Wrong: 'away' means elsewhere, not missing

C. Wrong: 'taken' implies somebody took the child — the sentence does not say that

D. Correct: 'missing' here means lost — the child could not be found

Question 14 English

Synonyms. 14. He waved goodbye, as the train pulled out of the situation.

- A. left ✓ **Correct answer**
- B. stopped
- C. arrived
- D. reached

A. Correct: 'pulled out' means left — the train departed, so he waved goodbye; the stem prints 'the situation' as printed (likely 'station' misprinted), which does not affect the answer

B. Wrong: 'stopped' is the opposite of pulled out

C. Wrong: 'arrived' is the opposite of pulled out

D. Wrong: 'reached' is the opposite of pulled out

15 English

Synonyms. 15. Uncle was a very jolly man.

- A. humorous
- B. funny
- C. very happy and cheerful ✓ **Correct answer**
- D. carefree

A. Wrong: 'humorous' means causing laughter, which is narrower than jolly

B. Wrong: 'funny' means causing laughter, which is narrower than jolly

C. Correct: 'jolly' means very happy and cheerful

D. Wrong: 'carefree' means without worries, which is not the same as jolly

Question 16 English

Antonyms. 16. Nobody taught the birds to build nests.

- A. followed
- B. learned ✓ **Correct answer**
- C. acted
- D. practised

A. Wrong: 'followed' is not the opposite of 'taught'

B. Correct: the opposite of 'taught' (gave instruction) is 'learned' (received instruction) — nobody taught the birds, so they learned nothing from anyone

C. Wrong: 'acted' is not the opposite of 'taught'

D. Wrong: 'practised' means rehearsed, not the opposite of 'taught'

17 English

Antonyms. 17. Make sure you speak and write English well.

- A. uncertainly
- B. uncertainty
- C. uncertain ✓ **Correct answer**
- D. unclear

A. Wrong: 'uncertainly' is an adverb — the antonym must match the adjective 'sure'

B. Wrong: 'uncertainty' is a noun — the antonym must match the adjective 'sure'

C. Correct: the antonym of 'sure' (the adjective) is 'uncertain' (the adjective)

D. Wrong: 'unclear' means not clear, not the direct opposite of 'sure'

Question 18 English

Antonyms. 18. Sometimes the mice made a big noise.

- A. seldom
- B. once
- C. never
- D. often ✓ **Correct answer**

A. Wrong: 'seldom' means rarely, which is close to 'sometimes', not its opposite

B. Wrong: 'once' means a single time, not the opposite of 'sometimes'

C. Wrong: 'never' is the opposite of 'always', not of 'sometimes'

D. Correct: the opposite of 'sometimes' (occasionally) is 'often' (frequently) among the options

19 English

Antonyms. 19. He behaved very badly today.

- A. good
- B. nice
- C. well ✓ **Correct answer**
- D. quietly

A. Wrong: 'good' is an adjective — the antonym of the adverb 'badly' must be an adverb

B. Wrong: 'nice' is an adjective — the antonym of the adverb 'badly' must be an adverb

C. Correct: the antonym of 'badly' (the adverb) is 'well' (the adverb)

D. Wrong: 'quietly' describes manner of sound, not the opposite of 'badly'

Question 20 English

Antonyms. 20. A small child hid under his bed.

- A. in
- B. on
- C. into
- D. over ✓ **Correct answer**

A. Wrong: 'in' is not the opposite of 'under' — the printed key says A, which is a key error, corrected to D under the owner's 8 Nov 2026 delegation

B. Wrong: 'on' is not the opposite of 'under'

C. Wrong: 'into' means movement inside, not the opposite of 'under'

D. Correct: the antonym of 'under' is 'over' — the child hid under the bed, the opposite position is over the bed

21 English

Error detection. Monkeys jump, leap, play and skip some day long. (Underlined: A "Monkeys", B "some", C "day", D "long".)

- A. Monkeys
- B. some ✓ **Correct answer**
- C. day
- D. long

A. Wrong: no error can be verified in this segment — 'Monkeys' is the correct subject

B. Correct: 'some' is the error — the idiom is 'all day long', so 'some' should be 'all'

C. Wrong: no error can be verified in this segment — 'day' is correct in 'all day long'

D. Wrong: no error can be verified in this segment — 'long' is correct in 'all day long'

Question 22 English

Error detection. The inspector walked passed the man and entered the house. (Underlined: A "walked", B "passed", C "entered", D "the house".)

- A. walked
- B. passed ✓ **Correct answer**
- C. entered
- D. the house

A. Wrong: no error can be verified in this segment — 'walked' is the correct verb

B. Correct: 'passed' is the error — it should be 'past' (the preposition meaning beyond), not 'passed' (the verb)

C. Wrong: no error can be verified in this segment — 'entered' is the correct verb

D. Wrong: no error can be verified in this segment — 'the house' is correct

23 English

Error detection. She scribbled a note with pencil. (Underlined: A "scribbled", B "a note", C "with", D "pencil".)

- A. scribbled
- B. a note
- C. with
- D. pencil ✓ **Correct answer**

A. Wrong: no error can be verified in this segment — 'scribbled' is the correct verb

B. Wrong: no error can be verified in this segment — 'a note' is correct

C. Wrong: no error can be verified in this segment — 'with' is the correct preposition

D. Correct: 'pencil' is the error — the article 'a' is missing; the sentence should read 'with a pencil'

Question 24 English

Error detection. The Mulla did not want to fright Rafiq. (Underlined: A "did", B "not", C "want", D "fright".)

- A. did
- B. not
- C. want
- D. fright ✓ **Correct answer**

A. Wrong: no error can be verified in this segment — 'did' is correct

B. Wrong: no error can be verified in this segment — 'not' is correct

C. Wrong: no error can be verified in this segment — 'want' is correct

D. Correct: 'fright' is the error — the verb should be 'frighten' ('did not want to frighten Rafiq')

25 English

Error detection. He lied on the floor. (Underlined: A "lied", B "on", C "the", D "floor".)

- A. lied ✓ **Correct answer**
- B. on
- C. the
- D. floor

A. Correct: 'lied' is the error — 'lied' is the past of 'lie' meaning to tell a falsehood; lying down takes 'lay' ('He lay on the floor')

B. Wrong: no error can be verified in this segment — 'on' is the correct preposition

C. Wrong: no error can be verified in this segment — 'the' is correct

D. Wrong: no error can be verified in this segment — 'floor' is correct

Question 26 English

Prepositions. 26. There is an umbrella _____ holes _____ it.

- A. in, with
- B. with, in ✓ **Correct answer**
- C. by, to
- D. on, on

A. Wrong: 'an umbrella in holes with it' does not read correctly

B. Correct: 'There is an umbrella with holes in it' — 'with' gives the umbrella its holes, 'in' places the holes in the umbrella

C. Wrong: 'by, to' does not fit either blank

D. Wrong: 'on, on' does not fit either blank

27 English

Prepositions. 27. Hans started off _____ home.

- A. by
- B. for ✓ **Correct answer**
- C. towards
- D. at

A. Wrong: 'started off by home' does not read correctly

B. Correct: 'started off for home' — 'for' gives the destination of the journey

C. Wrong: 'started off towards home' is possible English, but the paper's idiom is 'started off for home', and the printed key files B

D. Wrong: 'started off at home' would mean he began at home, not that he set out for home

Question 28 English

Prepositions. 28. He makes fun _____ his friends' weaknesses.

- A. about
- B. with
- C. for
- D. of ✓ **Correct answer**

A. Wrong: the idiom is not 'makes fun about'

B. Wrong: the idiom is not 'makes fun with'

C. Wrong: the idiom is not 'makes fun for'

D. Correct: the idiom is 'make fun of' — he mocks his friends' weaknesses

29 English

Prepositions. 29. The butter melted _____ the sun.

- A. in ✓ **Correct answer**
- B. with
- C. into
- D. under

A. Correct: 'melted in the sun' — 'in' is used for the sun's heat

B. Wrong: 'melted with the sun' does not read correctly

C. Wrong: 'melted into the sun' would mean the butter became part of the sun

D. Wrong: 'melted under the sun' is possible but the paper's idiom is 'in the sun', and the printed key files A

Question 30 English

Prepositions. 30. You will have to add more words _____ these words to make sentences.

- A. in
- B. about
- C. with ✓ **Correct answer**
- D. into

A. Wrong: 'add more words in these words' does not read correctly

B. Wrong: 'add more words about these words' does not read correctly

C. Correct: the printed key files C — 'add more words with these words' (joining words together to make sentences)

D. Wrong: 'add more words into these words' does not read correctly

31 English

Sentence Structure. 31. They married together and _____.

- A. lived happy after
- B. lived happily ever after ✓ **Correct answer**
- C. happily lived after ever
- D. lived happily always after

A. Wrong: 'lived happy after' uses the adjective 'happy' where the adverb 'happily' is needed, and the order is wrong

B. Correct: 'lived happily ever after' — the standard order, adverb 'happily' before the verb phrase, 'ever after' at the end

C. Wrong: 'happily lived after ever' puts the words in the wrong order

D. Wrong: 'lived happily always after' puts 'always' in the wrong place

Question 32 English

Sentence Structure. 32. Maha lived in a small house _____.

- A. and her mother with father
- B. beside her mother, father
- C. with her mother and father ✓ **Correct answer**
- D. together her mother, father

A. Wrong: 'and her mother with father' is ungrammatical

B. Wrong: 'beside her mother, father' is ungrammatical — 'father' is left hanging

C. Correct: 'with her mother and father' — the natural phrase for living together with both parents

D. Wrong: 'together her mother, father' is ungrammatical — 'together with' would be needed

33 English

Sentence Structure. 33. An ideal teacher _____.

- A. is reading par excellence
- B. reads par excellence
- C. has been reading par excellence
- D. is a reader par excellence ✓ **Correct answer**

A. Wrong: 'is reading par excellence' misuses the phrase — 'par excellence' goes with a noun, not a continuous verb

B. Wrong: 'reads par excellence' misuses the phrase — 'par excellence' goes with a noun

C. Wrong: 'has been reading par excellence' misuses the phrase — 'par excellence' goes with a noun

D. Correct: 'is a reader par excellence' — 'par excellence' (pre-eminently) correctly follows the noun 'reader'

Question 34 English

Sentence Structure. 34. _____ is wearing his new uniform.

- A. Each of the boys on the team ✓ **Correct answer**
- B. Every of the boys in the team
- C. Only one of the boys of the team
- D. Every other from the boys

A. Correct: 'Each of the boys on the team is wearing his new uniform' — 'each' takes the singular verb 'is'

B. Wrong: 'Every of the boys' is ungrammatical — 'every' cannot take 'of' like that

C. Wrong: 'Only one of the boys of the team' is awkward and does not fit the sentence as the paper intends

very other from the boys' is ungrammatical

Question 35 English

Sentence Structure. 35. Sandalwood, _____ the more scent does it yield.

- A. it is rubbed the more
- B. the more it is rubbed ✓ **Correct answer**
- C. rubbed it is the more
- D. the rubbed more it is

A. Wrong: 'it is rubbed the more' is in the wrong order

B. Correct: 'Sandalwood, the more it is rubbed, the more scent does it yield' — the 'the more ... the more' construction

C. Wrong: 'rubbed it is the more' is in the wrong order

D. Wrong: 'the rubbed more it is' is ungrammatical

Question 36 English

Correct spelling.

- A. castles ✓ **Correct answer**
- B. casles
- C. castels
- D. casells

A. Correct: 'castles' is the correct spelling

B. Wrong: 'casles' is a misspelling of 'castles'

C. Wrong: 'castels' is a misspelling of 'castles'

D. Wrong: 'casells' is a misspelling of 'castles'

37 English

Correct spelling.

- A. valey
- B. valley ✓ **Correct answer**
- C. velley
- D. vallay

A. Wrong: 'valey' is a misspelling of 'valley'

B. Correct: 'valley' is the correct spelling

C. Wrong: 'velley' is a misspelling of 'valley'

D. Wrong: 'vallay' is a misspelling of 'valley'

Question 38 English

Correct spelling.

- A. hamar
- B. hemmar
- C. hammer ✓ **Correct answer**
- D. hemar

A. Wrong: 'hamar' is a misspelling of 'hammer'

B. Wrong: 'hemmar' is a misspelling of 'hammer'

C. Correct: 'hammer' is the correct spelling

D. Wrong: 'hemar' is a misspelling of 'hammer'

Question 39 English

Correct spelling.

- B. dreggon
- C. draggen
- D. dragon ✓ **Correct answer**

A. Wrong: 'dregon' is a misspelling of 'dragon'

B. Wrong: 'dreggon' is a misspelling of 'dragon'

C. Wrong: 'draggen' is a misspelling of 'dragon'

D. Correct: 'dragon' is the correct spelling

Question 40 English

Correct spelling.

- A. quarrel ✓ **Correct answer**
- B. querrel
- C. quarral
- D. quarril

A. Correct: 'quarrel' is the correct spelling

B. Wrong: 'querrel' is a misspelling of 'quarrel'

C. Wrong: 'quarral' is a misspelling of 'quarrel'

D. Wrong: 'quarril' is a misspelling of 'quarrel'

Question 41 Mathematics

41. The value of 4 ÷ √2 = ...

- A. √2
- B. 2
- C. 2√2 ✓ **Correct answer**

A. Wrong: 4 ÷ √2 is not √2 — rationalising gives 4√2/2 = 2√2

B. Wrong: 4 ÷ √2 is not 2 — rationalising gives 4√2/2 = 2√2

C. Correct: 4 ÷ √2 = 4√2/(√2 × √2) = 4√2/2 = 2√2

D. Wrong: 4 ÷ √2 is not 4√2 — the denominator √2 must be rationalised, dividing by 2

Question 42 Mathematics

42. The value of $\log_9 729$ = ...

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

A. Wrong: $9^4 = 6561$, not 729, so log base 9 of 729 is not 4

B. Correct: $9^3 = 729$, so log base 9 of 729 is 3

C. Wrong: $9^2 = 81$, not 729, so log base 9 of 729 is not 2

D. Wrong: $9^1 = 9$, not 729, so log base 9 of 729 is not 1

Question 43 Mathematics

43. The value of cosec30° + sec60° = ...

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

A. Correct: cosec 30° = 1/sin 30° = 2 and sec 60° = 1/cos 60° = 2, so the sum is 4

sec 30° alone is 2, and sec 60° must be added, giving 4

C. Wrong: the sum of 2 and 2 is 4, not 1

D. Wrong: the sum of 2 and 2 is 4, not 1/2

Question 44 Mathematics

44. The value of $(41)^2 - (39)^2$ = ...

- A. 120
- B. 140
- C. 160 ✓ **Correct answer**
- D. 180

A. Wrong: $(41)^2 - (39)^2 = (41 - 39)(41 + 39) = 2 \times 80 = 160$, not 120

B. Wrong: $(41)^2 - (39)^2 = (41 - 39)(41 + 39) = 2 \times 80 = 160$, not 140

C. Correct: $(41)^2 - (39)^2 = (41 - 39)(41 + 39) = 2 \times 80 = 160$

D. Wrong: $(41)^2 - (39)^2 = (41 - 39)(41 + 39) = 2 \times 80 = 160$, not 180

Question 45 Mathematics

45. The value of 2/5 is equivalent to ...

- A. 0.75
- B. 0.60
- C. 0.50
- D. 0.25

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

A. Wrong: 2/5 = 0.40, not 0.75 — no option is 0.40

5 = 0.40, not 0.60 — no option is 0.40

C. Wrong: 2/5 = 0.40, not 0.50 — no option is 0.40

D. Wrong: 2/5 = 0.40, not 0.25 — 0.25 is 1/4, and the printed key's D is wrong; no option is 0.40

Question 46 Mathematics

46. The fraction 16/5 can be expressed into mix fraction as ...

- A. 3 2/5
- B. 3 1/5 ✓ **Correct answer**
- C. 3 1/6
- D. 3 1/7

A. Wrong: 3 2/5 = 17/5, not 16/5

B. Correct: 16/5 = 15/5 + 1/5 = 3 1/5

C. Wrong: 3 1/6 = 19/6, not 16/5

D. Wrong: 3 1/7 = 22/7, not 16/5

Question 47 Mathematics

47. The value of 10% of 40 + 90% of 30 = ...

- A. 35
- B. 34
- C. 32
- D. 31 ✓ **Correct answer**

A. Wrong: 10% of 40 is 4 and 90% of 30 is 27, and 4 + 27 = 31, not 35

B. Wrong: 10% of 40 is 4 and 90% of 30 is 27, and 4 + 27 = 31, not 34

0% of 40 is 4 and 90% of 30 is 27, and 4 + 27 = 31, not 32

D. Correct: 10% of 40 is 4 and 90% of 30 is 27, and 4 + 27 = 31

Question 48 Mathematics

48. The 100g is … fraction of 1 kilogram.

- A. 1/5
- B. 1/10 ✓ **Correct answer**
- C. 1/9
- D. 1/12

A. Wrong: 100 g out of 1000 g is 100/1000 = 1/10, not 1/5

B. Correct: 1 kilogram is 1000 g, so 100 g is 100/1000 = 1/10 of a kilogram

C. Wrong: 100 g out of 1000 g is 100/1000 = 1/10, not 1/9

D. Wrong: 100 g out of 1000 g is 100/1000 = 1/10, not 1/12

Question 49 Mathematics

49. The improper fraction in the following list is …

- A. 4/5
- B. 4/7
- C. 3/2 ✓ **Correct answer**
- D. 2/7

A. Wrong: 4/5 is a proper fraction — its numerator 4 is smaller than its denominator 5

B. Wrong: 4/7 is a proper fraction — its numerator 4 is smaller than its denominator 7

C. Correct: 3/2 is an improper fraction — its numerator 3 is greater than its denominator 2; the printed key says D, which is a key error, corrected to C under the owner's 8 Nov 2026 delegation

7 is a proper fraction — its numerator 2 is smaller than its denominator 7; the printed key's D is wrong

Question 50 Mathematics

50. The value of "y" in the 2:5 :: 8:y is ...

- A. 20 ✓ **Correct answer**
- B. 15
- C. 10
- D. 5

A. Correct: 2/5 = 8/y gives 2y = 40, so y = 20

B. Wrong: 2/5 = 8/y gives 2y = 40, so y = 20, not 15

C. Wrong: 2/5 = 8/y gives 2y = 40, so y = 20, not 10

D. Wrong: 2/5 = 8/y gives 2y = 40, so y = 20, not 5

Question 51 Mathematics

51. After spending 1/5 of the income, PKR 1,12000 are left. The total income is ...

- A. 170,000
- B. 160,000
- C. 150,000
- D. 140,000 ✓ **Correct answer**

A. Wrong: after spending 1/5, 4/5 of the income is left — 4/5 of 170,000 is 136,000, not 112,000

B. Wrong: after spending 1/5, 4/5 of the income is left — 4/5 of 160,000 is 128,000, not 112,000

C. Wrong: after spending 1/5, 4/5 of the income is left — 4/5 of 150,000 is 120,000, not

D. Correct: after spending 1/5, 4/5 of the income is left, so the total is 112,000 × 5/4 = 140,000

Question 52 Mathematics

52. Three sacks are full of grams weight 315 kg. If each empty sack weights 5 kg, the weight of grams in all sacks is ...

- A. 295 kg
- B. 300 kg ✓ **Correct answer**
- C. 305 kg
- D. 310 kg

A. Wrong: the three empty sacks weigh 3 × 5 = 15 kg, so the grain is 315 − 15 = 300 kg, not 295 kg

B. Correct: the three empty sacks weigh 3 × 5 = 15 kg, so the grain in all sacks is 315 − 15 = 300 kg

C. Wrong: the three empty sacks weigh 3 × 5 = 15 kg, so the grain is 315 − 15 = 300 kg, not 305 kg

D. Wrong: the three empty sacks weigh 3 × 5 = 15 kg, so the grain is 315 − 15 = 300 kg, not 310 kg

Question 53 Mathematics

53. The difference between largest odd 3 digit number and smallest odd 3 digit number is ...

- A. 888
- B. 898 ✓ **Correct answer**
- C. 908

A. Wrong: the largest odd 3-digit number is 999 and the smallest is 101, and 999 − 101 = 898, not 888

B. Correct: the largest odd 3-digit number is 999 and the smallest odd 3-digit number is 101, and 999 − 101 = 898

C. Wrong: the largest odd 3-digit number is 999 and the smallest is 101, and 999 − 101 = 898, not 908

D. Wrong: the largest odd 3-digit number is 999 and the smallest is 101, and 999 − 101 = 898, not 918

Question 54 Mathematics

54. A mother's age is four times her daughter's age. Two years ago her age was five times her daughter's age. The present age of daughter is ...

- A. 12 years
- B. 08 years ✓ **Correct answer**
- C. 06 years
- D. 04 years

A. Wrong: if the daughter were 12, the mother would be 48, and two years ago 46 and 10 — 46 is not five times 10

B. Correct: let the daughter's age be D — the mother is 4D, and two years ago 4D − 2 = 5(D − 2), so D = 8 years

C. Wrong: if the daughter were 6, the mother would be 24, and two years ago 22 and 4 — 22 is not five times 4

D. Wrong: if the daughter were 4, the mother would be 16, and two years ago 14 and 2 — 14 is not five times 2

55 Mathematics

55. The two numbers are in the ratio 6:5. If they differ by 6, the required numbers are …

- A. 42, 36
- B. 40, 34
- C. 38, 32
- D. 36, 30 ✓ **Correct answer**

A. Wrong: 42 and 36 differ by 6 but their ratio is 7:6, not 6:5

B. Wrong: 40 and 34 differ by 6 but their ratio is 20:17, not 6:5

C. Wrong: 38 and 32 differ by 6 but their ratio is 19:16, not 6:5

D. Correct: let the numbers be 6x and 5x — they differ by x = 6, so the numbers are 36 and 30

Question 56 Mathematics

56. The number of diagonals in a quadrilateral is …

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

A. Wrong: a quadrilateral has two diagonals, not one

B. Correct: a quadrilateral has $4(4 - 3)/2 = 2$ diagonals

C. Wrong: a quadrilateral has two diagonals, not three

D. Wrong: a quadrilateral has two diagonals, not four

57 Mathematics

57. A square portrait whose area is 2025 cm². Each side of the portrait is ... cm.

- A. 45 ✓ **Correct answer**
- B. 55
- C. 65
- D. 75

A. Correct: the side is √2025 = 45 cm, since 45 × 45 = 2025

B. Wrong: 55 × 55 = 3025, not 2025

C. Wrong: 65 × 65 = 4225, not 2025

D. Wrong: 75 × 75 = 5625, not 2025

Question 58 Mathematics

58. A woman's wage was reduced by 50%. Again, the reduced wage was increased by 50%. Her loss in terms of percentage is ...

- A. 75%
- B. 50%
- C. 25% ✓ **Correct answer**
- D. 18%

A. Wrong: the wage goes 100 → 50 → 75, a loss of 25, not 75

B. Wrong: the wage goes 100 → 50 → 75, a loss of 25, not 50

C. Correct: the wage goes 100 → 50 after the cut, then 50 + 25 = 75 after the rise, so the loss is 100 − 75 = 25%

D. Wrong: the wage goes 100 → 50 → 75, a loss of 25, not 18

59 Mathematics

59. In the following given numbers ... is not a binary number.

- A. 1001
- B. 101
- C. 1003 ✓ **Correct answer**
- D. 110

A. Wrong: 1001 uses only 0s and 1s, so it is a binary number

B. Wrong: 101 uses only 0s and 1s, so it is a binary number

C. Correct: 1003 contains the digit 3, which is not allowed in binary — binary uses only 0 and 1

D. Wrong: 110 uses only 0s and 1s, so it is a binary number

Question 60 Mathematics

60. The value of 18 in the binary number system is ...

- A. 10010 ✓ **Correct answer**
- B. 10101
- C. 10100
- D. 11010

A. Correct: 18 = 16 + 2 = $2^4 + 2^1$, which is 10010 in binary

B. Wrong: 10101 in binary is 16 + 4 + 1 = 21, not 18

C. Wrong: 10100 in binary is 16 + 4 = 20, not 18

D. Wrong: 11010 in binary is 16 + 8 + 2 = 26, not 18

61 General Knowledge

Current Affairs/ World Knowledge. 61. Which of the following was given Nishan-i-Haider:

- A. Gen. Raheel Sharif
- B. Maj. Shabbir Sharif ✓ **Correct answer**
- C. Gen. Pervaiz Musharraf
- D. Capt. Salman Farooq Lodhi

A. Wrong: Gen. Raheel Sharif did not receive the Nishan-i-Haider

B. Correct: Major Shabbir Sharif received the Nishan-i-Haider for his gallantry in the 1971 war

C. Wrong: Gen. Pervaiz Musharraf did not receive the Nishan-i-Haider

D. Wrong: Capt. Salman Farooq Lodhi did not receive the Nishan-i-Haider

Question 62 General Knowledge

62. Which of the following is a transcontinental country

- A. Egypt ✓ **Correct answer**
- B. Iraq
- C. Kuwait
- D. Yemen

A. Correct: Egypt lies in both Africa and Asia (the Sinai Peninsula is in Asia) — it is transcontinental

B. Wrong: Iraq lies wholly in Asia

C. Wrong: Kuwait lies wholly in Asia

D. Wrong: Yemen lies wholly in Asia

63 General Knowledge

63. Which of the following is called the Blue Planet:

- A. Earth ✓ **Correct answer**
- B. Jupiter
- C. Mars
- D. Uranus

A. Correct: Earth is called the Blue Planet because about 71% of its surface is covered by water, which looks blue from space

B. Wrong: Jupiter is the largest planet, not the Blue Planet

C. Wrong: Mars is the Red Planet, not the Blue Planet

D. Wrong: Uranus is an ice giant, not called the Blue Planet

Question 64 General Knowledge

64. The River Nile flows in:

- A. Asia
- B. Africa ✓ **Correct answer**
- C. Europe
- D. Australia

A. Wrong: the Nile does not flow in Asia

B. Correct: the River Nile flows through Africa — through Egypt and Sudan to the Mediterranean Sea

C. Wrong: the Nile does not flow in Europe

D. Wrong: the Nile does not flow in Australia

65 General Knowledge

65. The Capital of Gilgit-Baltistan is:

- A. Astore
- B. Gilgit ✓ **Correct answer**
- C. Hunza
- D. Skardu

A. Wrong: Astore is a district, not the capital of Gilgit-Baltistan

B. Correct: Gilgit is the capital of Gilgit-Baltistan

C. Wrong: Hunza is a district, not the capital of Gilgit-Baltistan

D. Wrong: Skardu is a major city, not the capital of Gilgit-Baltistan

Question 66 General Knowledge

66. Kashmir Solidarity Day is celebrated on:

- A. January 5
- B. February 5 ✓ **Correct answer**
- C. March 5
- D. April 5

A. Wrong: Kashmir Solidarity Day is not on 5 January

B. Correct: Kashmir Solidarity Day is observed every year on 5 February

C. Wrong: Kashmir Solidarity Day is not on 5 March

D. Wrong: Kashmir Solidarity Day is not on 5 April

Question 67 General Knowledge

67. Which of the following is the newest district of Sindh:

mari ✓ **Correct answer**

- B. Tharparkar
- C. Badin
- D. Matiari

A. Correct: Keamari, created in 2020 from Karachi West, is the newest district of Sindh among the options

B. Wrong: Tharparkar is an old district, not the newest

C. Wrong: Badin is an old district, not the newest

D. Wrong: Matiari, created in 2005, is older than Keamari

Question 68 General Knowledge

68. Which of the following was most stricken by the floods in 2022:

- A. Balochistan
- B. Khyber-Pakhtunkhwa
- C. Punjab
- D. Sindh ✓ **Correct answer**

A. Wrong: Balochistan was badly hit, but Sindh was the most stricken province in the 2022 floods

B. Wrong: Khyber-Pakhtunkhwa was hit, but Sindh was the most stricken province in the 2022 floods

C. Wrong: Punjab was hit, but Sindh was the most stricken province in the 2022 floods

D. Correct: Sindh was the province most stricken by the 2022 floods — the largest share of the affected population and damage was in Sindh

69 General Knowledge

69. "Nowruz" Festival is celebrated in:

- A. March ✓ **Correct answer**
- B. June
- C. September
- D. December

A. Correct: Nowruz, the Persian New Year, is celebrated on the spring equinox, around 21 March

B. Wrong: Nowruz is not celebrated in June

C. Wrong: Nowruz is not celebrated in September

D. Wrong: Nowruz is not celebrated in December

Question 70 General Knowledge

70. Which of the following is landlocked country:

- A. Afghanistan ✓ **Correct answer**
- B. Iran
- C. Kuwait
- D. Yemen

A. Correct: Afghanistan is landlocked — it has no sea coast

B. Wrong: Iran has a coast on the Persian Gulf and the Caspian Sea

C. Wrong: Kuwait has a coast on the Persian Gulf

D. Wrong: Yemen has a coast on the Arabian Sea and the Red Sea

71 General Knowledge

71. Who won the gold medal for Pakistan in Javelin throw in the Commonwealth Games 2022?

- A. Aissam-ul-Haq
- B. Arshad Nadeem ✓ **Correct answer**
- C. Aqeel Khan
- D. Mariam Rahim

A. Wrong: Aissam-ul-Haq is a tennis player, not the javelin gold medallist

B. Correct: Arshad Nadeem won the javelin gold for Pakistan at the Birmingham 2022 Commonwealth Games with a throw of 90.18 metres

C. Wrong: Aqeel Khan is a tennis player, not the javelin gold medallist

D. Wrong: Mariam Rahim is not the javelin gold medallist

Question 72 General Knowledge

72. Taka is the currency of:

- A. Bangladesh ✓ **Correct answer**
- B. India
- C. Pakistan
- D. Sri Lanka

A. Correct: the taka is the currency of Bangladesh

B. Wrong: the currency of India is the rupee

C. Wrong: the currency of Pakistan is the rupee

D. Wrong: the currency of Sri Lanka is the rupee

73 General Knowledge

73. The city famous for production of Kino (Orange) is:

- A. Lahore
- B. Kohat
- C. Hyderabad
- D. Sargodha ✓ **Correct answer**

A. Wrong: Lahore is not famous for kinnow production

B. Wrong: Kohat is not famous for kinnow production

C. Wrong: Hyderabad is not famous for kinnow production

D. Correct: Sargodha is famous for the production of kinnow (orange) in Pakistan

Question 74 General Knowledge

74. The month of the year with least number of days is:

- A. February ✓ **Correct answer**
- B. March
- C. April
- D. May

A. Correct: February has 28 days (29 in a leap year) — fewer than any other month

B. Wrong: March has 31 days

C. Wrong: April has 30 days

D. Wrong: May has 31 days

Question 75 General Knowledge

75. An imaginary line that divides the globe into two halves is called:

- B. Meridian
- C. Equator ✓ **Correct answer**
- D. Latitude

A. Wrong: a tropic is a line at 23.5° north or south, not the line dividing the globe into two halves

B. Wrong: a meridian is a line of longitude, not the line dividing the globe into two equal halves

C. Correct: the Equator is the imaginary line dividing the globe into the Northern and Southern Hemispheres

D. Wrong: latitude is the measurement of distance from the Equator, not the dividing line itself

Question 76 General Knowledge

Everyday Science. 76. Which isotope is used for diagnosis and treatment of Wilson's disease?

- A. Copper−64 ✓ **Correct answer**
- B. Copper−62
- C. Carbon−13
- D. Gallium−61

A. Correct: copper-64 is used in PET imaging for the diagnosis and study of Wilson's disease, a disorder of copper metabolism

B. Wrong: copper-62 is not the isotope used for Wilson's disease

C. Wrong: carbon-13 is not the isotope used for Wilson's disease

D. Wrong: gallium-61 is not the isotope used for Wilson's disease

77 General Knowledge

77. Weight is measured in:

- A. Kilograms
- B. Newtons ✓ **Correct answer**
- C. Grams
- D. Pounds

A. Wrong: kilograms measure mass, not weight as a force

B. Correct: weight is a force, and force is measured in newtons

C. Wrong: grams measure mass, not weight as a force

D. Wrong: pounds measure mass (or weight in the everyday sense), but the SI unit of weight as a force is the newton

Question 78 General Knowledge

78. Which one from among the following is not an example of wedge?

- A. Iron nail
- B. Push pin
- C. Cleaver
- D. ramp ✓ **Correct answer**

A. Wrong: an iron nail is a wedge — it is a pointed piece driven into material

B. Wrong: a push pin is a wedge — it is a pointed piece driven into material

C. Wrong: a cleaver is a wedge — its blade is a wedge that cuts

D. Correct: a ramp is an inclined plane, not a wedge — it is the one item in the list that is not a wedge

79 General Knowledge

79. Which one from among the following seeds is monocot?

- A. French beans
- B. Maize ✓ **Correct answer**
- C. Peas
- D. Chickpeas

A. Wrong: French beans are dicots — their seeds have two cotyledons

B. Correct: maize is a monocot — its seed has a single cotyledon

C. Wrong: peas are dicots — their seeds have two cotyledons

D. Wrong: chickpeas are dicots — their seeds have two cotyledons

Question 80 General Knowledge

80. An undesirable change in the characteristics of air, water and land environment that is harmful to humans and living things is known as:

- A. Pollination
- B. Pollution ✓ **Correct answer**
- C. Solution
- D. Suspension

A. Wrong: pollination is the transfer of pollen, not an undesirable change in the environment

B. Correct: pollution is an undesirable change in the characteristics of air, water and land that harms humans and living things

C. Wrong: a solution is a homogeneous mixture, not an undesirable environmental change

D. Wrong: a suspension is a mixture with particles floating in a fluid, not an undesirable

Question 81 General Knowledge

81. The breathing centre of human body is:

- A. Nose
- B. Lungs ✓ **Correct answer**
- C. ears
- D. Mouth

A. Wrong: the nose is the entry for air, not the breathing centre

B. Correct (as filed): the paper's bank answer is the lungs, the organ of breathing — strictly the respiratory (breathing) centre is in the medulla oblongata, which is not among the options, so B is filed as the bank answer under the owner's 8 Nov 2026 delegation

C. Wrong: the ears have nothing to do with breathing

D. Wrong: the mouth is an entry for air, not the breathing centre

Question 82 General Knowledge

82. A process of separating insoluble solids from a mixture is called:

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

A. Wrong: distillation separates liquids by boiling, not insoluble solids from a mixture

B. Wrong: crystallization forms crystals from a solution, not the separation of insoluble solids

C. Wrong: chromatography separates the components of a mixture by their movement,

e solids by filtering

D. Correct: filtration separates insoluble solids from a mixture by passing it through a filter

Question 83 General Knowledge

83. Which statement is incorrect about particles in solids?

- A. Particles are closely packed
- B. Particles are in regular pattern
- C. Particles have small spaces between them
- D. Particles are in loose clusters ✓ **Correct answer**

A. Wrong: this statement is correct — particles in solids are closely packed, so it is not the incorrect one

B. Wrong: this statement is correct — particles in solids are in a regular pattern, so it is not the incorrect one

C. Wrong: this statement is correct — particles in solids have only small spaces between them, so it is not the incorrect one

D. Correct: this statement is incorrect — particles in solids are closely packed in a regular pattern, not in loose clusters (loose clusters describe liquids or gases)

Question 84 General Knowledge

84. Which type of liquid is used in laboratory thermometer?

- A. Alcohol ✓ **Correct answer**
- B. Iodine
- C. Water
- D. Paraffin oil

A. Correct: alcohol (like mercury) is used in laboratory thermometers because it expands uniformly with temperature

C. Wrong: water is not used in laboratory thermometers — it does not expand uniformly and freezes at 0°C

D. Wrong: paraffin oil is not used in laboratory thermometers

Question 85 General Knowledge

85. A simple machine that uses grooved wheel and a rope to raise, lower or move a load is known as:

- A. Lever
- B. Pully ✓ **Correct answer**
- C. Wedge
- D. Wheel

A. Wrong: a lever is a bar pivoted on a fulcrum, not a grooved wheel with a rope

B. Correct: a pulley (printed 'Pully') is a grooved wheel with a rope that raises, lowers or moves a load

C. Wrong: a wedge is a pointed piece used for splitting, not a grooved wheel with a rope

D. Wrong: a wheel alone is not the grooved wheel and rope machine — that is the pulley

Question 86 General Knowledge

Islamiat/ Pakistan Studies. 86. Who mediated Indus Water Treaty in 1960?

- A. Russia
- B. World Bank ✓ **Correct answer**
- C. USA
- D. United Nations

A. Wrong: Russia did not mediate the Indus Water Treaty

The World Bank mediated the Indus Water Treaty, signed in 1960 between India and Pakistan

C. Wrong: the USA did not mediate the Indus Water Treaty

D. Wrong: the United Nations did not mediate the Indus Water Treaty

Question 87 General Knowledge

87. Sir Muhammad Iqbal the writer, Philosopher, Scholar and politician was born in 1877 at

- A. Wazirabad
- B. Sialkot ✓ **Correct answer**
- C. Faisalabad
- D. Lahore

A. Wrong: Iqbal was not born in Wazirabad

B. Correct: Sir Muhammad Iqbal was born in Sialkot in 1877

C. Wrong: Iqbal was not born in Faisalabad

D. Wrong: Iqbal was not born in Lahore

Question 88 General Knowledge

88. Who presented the six points formula?

- A. Shaikh Mujeeb Ur Rahman ✓ **Correct answer**
- B. Khawaja Nizam Ud Din
- C. Maulana Bashani
- D. A.K Fazul Haq

A. Correct: Sheikh Mujibur Rahman presented the Six Points formula in 1966

B. Wrong: Khawaja Nizamuddin did not present the Six Points formula

D. Wrong: A. K. Fazlul Haq did not present the Six Points formula

Question 89 General Knowledge

89. Who was not born without a mother and a father?

- A. Jesus Christ (AS)
- B. Hazrat Adam (AS)
- C. Eve (AS)
- D. Hazrat Moses (AS) ✓ **Correct answer**

A. Wrong: Jesus Christ (AS) was born without a father

B. Wrong: Hazrat Adam (AS) was created without a mother or a father

C. Wrong: Eve (AS) was created without a mother or a father

D. Correct: Hazrat Moses (AS) was born to a mother and a father, unlike Adam, Eve and Jesus (AS)

Question 90 General Knowledge

90. In which battle did the Holy Prophet (SAW) take part for the first time?

- A. Battle of Khyber
- B. Battle of Badar
- C. Battle of Uhad
- D. Harb-ul -Fijar ✓ **Correct answer**

A. Wrong: the Battle of Khyber came much later, in 7 AH

B. Wrong: Badr was the first battle after the Hijra, but the Prophet had taken part in an earlier conflict before prophethood

C. Wrong: Uhud came after Badr

he Prophet (SAW) took part in the Harb-ul-Fijar (the Sacrilegious War) in his youth, before prophethood — his first participation in a battle

Question 91 General Knowledge

Computer. 91. The processed form of data is called:

- A. Field
- B. Information ✓ **Correct answer**
- C. Words
- D. File

A. Wrong: a field is a single piece of data in a record, not the processed form of data

B. Correct: processed data is called information

C. Wrong: words are not the processed form of data

D. Wrong: a file is a collection of records, not the processed form of data

Question 92 General Knowledge

92. Select the technology that is used in the first generation of computer.

- A. Transistor
- B. LSI
- C. Vacuum Tube ✓ **Correct answer**
- D. VLSI

A. Wrong: transistors belong to the second generation of computers

B. Wrong: LSI (large-scale integration) belongs to the third and fourth generations

C. Correct: first-generation computers used vacuum tubes

D. Wrong: VLSI (very large-scale integration) belongs to the fourth generation

93 General Knowledge

93. What was the time period of the first generation of computers?

- A. 1946-1959 ✓ **Correct answer**
- B. 1959-1965
- C. 1965-1971
- D. 1971-1980

A. Correct: the first generation of computers ran from 1946 to 1959 (ENIAC to the end of the vacuum-tube era)

B. Wrong: 1959–1965 is the second generation (transistors)

C. Wrong: 1965–1971 is the third generation (integrated circuits)

D. Wrong: 1971–1980 is the fourth generation (microprocessors)

Question 94 General Knowledge

94. UNIVAC stands for:

- A. Universal Automatic Computer ✓ **Correct answer**
- B. Unified Automated Computer
- C. Universal Advanced Computer
- D. Unified Advanced Computer

A. Correct: UNIVAC stands for Universal Automatic Computer

B. Wrong: UNIVAC does not stand for Unified Automated Computer

C. Wrong: UNIVAC does not stand for Universal Advanced Computer

D. Wrong: UNIVAC does not stand for Unified Advanced Computer

95 General Knowledge

95. ENIAC stands for:

- A. Electronic Numerator Integration Computer
- B. Electronic Numerical Integrator and Calculator ✓ **Correct answer**
- C. Electrical Numerical Integration and Computer
- D. Electrical Numerical Integrator and Calculator

A. Wrong: ENIAC does not stand for Electronic Numerator Integration Computer

B. Correct: ENIAC stands for Electronic Numerical Integrator and Calculator

C. Wrong: ENIAC does not stand for Electrical Numerical Integration and Computer

D. Wrong: ENIAC does not stand for Electrical Numerical Integrator and Calculator — the first word is Electronic, not Electrical

Question 96 General Knowledge

96. Which of the following is the first programming language?

- A. COBOL
- B. PASCAL
- C. FORTRAN ✓ **Correct answer**
- D. BASIC

A. Wrong: COBOL came in 1959, after FORTRAN

B. Wrong: PASCAL came in 1970, after FORTRAN

C. Correct: FORTRAN (1957) is the first high-level programming language among the options

D. Wrong: BASIC came in 1964, after FORTRAN

97 General Knowledge

97. Junaid wants to save his MS word document on his computer. Which of the following shortcut key he should use to save the file?

- A. Ctrl + S ✓ **Correct answer**
- B. Alt + S
- C. Shift + S
- D. Space + S

A. Correct: Ctrl + S is the shortcut to save a document in MS Word

B. Wrong: Alt + S does not save a document

C. Wrong: Shift + S does not save a document

D. Wrong: Space + S does not save a document

Question 98 General Knowledge

98. Zahid wants to open his excel workbook on his laptop. Which of the following shortcut key he should use to open the workbook?

- A. Ctrl + O ✓ **Correct answer**
- B. Alt + O
- C. Shift + O
- D. Space + O

A. Correct: Ctrl + O is the shortcut to open a workbook in MS Excel

B. Wrong: Alt + O does not open a workbook

C. Wrong: Shift + O does not open a workbook

D. Wrong: Space + O does not open a workbook

99 General Knowledge

99. Which of the following symbol denotes auto sum in MS Excel?

- A. $
- B. @
- C. #
- D. Σ ✓ **Correct answer**

A. Wrong: $ is the dollar sign, used for absolute cell references, not AutoSum

B. Wrong: @ is the at sign, not the AutoSum symbol

C. Wrong: # denotes an error or a column too narrow, not AutoSum

D. Correct: Σ (sigma) is the AutoSum symbol in MS Excel

Question 100 General Knowledge

100. Mujtaba has to present the progress of his achievements in front of his immediate supervisors. Which of the following software he should use to prepare the presentation?

- A. MS Word
- B. MS Excel
- C. MS PowerPoint ✓ **Correct answer**
- D. MS Presentation

A. Wrong: MS Word is for documents, not presentations

B. Wrong: MS Excel is for spreadsheets, not presentations

C. Correct: MS PowerPoint is the software used to prepare a presentation

D. Wrong: 'MS Presentation' is not a real product — the presentation software is MS PowerPoint

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