Junior Elementary School Teacher (JEST, BPS-14), Paper-IV — 2021 · Solved Past Paper

Body: Sindh Testing Service (STS) · **Post:** Junior Elementary School Teacher (JEST, BPS-14), Paper-IV · **Year:** 2021 · **Questions:** 100 in the original paper — **100 solved and verified**, none excluded · **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 2021 sitting.

Source note: Google Drive scan of the original SIBA STS booklet (12 pp, image-only), via the testtiari.com post 'IBA 2021 PST JEST Past Papers' (accessed 9 Nov 2026). The official SIBA STS answer keys are printed as the last two pages of the same PDF (p-11 Sindhi, p-12 Urdu), both headed 'TEST HELD ON THURSDAY, SEPTEMBER 16, 2021'. Q23, Q33 and Q24 corroborated independently. 2 PICK-ONE (Q9, Q97), decided by the assistant under the owner's 8 Nov 2026 delegation.

Question 1 Urdu

From the Urdu passage printed under Q1, about the Pakistan movement — the visible) fragments mention 1941, the Muslims, the Hindus and the British, and the struggle for Pakistan. The full passage text is faint under the watermark and is not quoted verbatim .here. See the verification summary (

1. پاکستان کے قیام سے ...؟

- A. پاکستان کے قیام کے وقت

C. غیر مسلموں سے نجات

Correct answer ✓ D. مشترکہ حکومت

A. Wrong: a time ('at the time of Pakistan's creation') is not the answer the passage asks for

B. Wrong: 'freedom of the nation' is not the keyed answer to this item

C. Wrong: 'deliverance from the non-Muslims' is not the keyed answer to this item

D. Correct: per the official Urdu key — the stem and options are best readings from a faint scan (see verification summary), and the answer rests on the key

Question 2 Urdu

From the Urdu passage printed under Q1, about the Pakistan movement — the visible) fragments mention 1941, the Muslims, the Hindus and the British, and the struggle for Pakistan. The full passage text is faint under the watermark and is not quoted verbatim .here. See the verification summary) 2. تحریک پاکستان کے بانی کا نام کیا ہے؟

A. محمد اکبر

Correct answer ✓ B. محمد علی

C. محمد قاسم

D. محمد احمد

A. Wrong: Muhammad Akbar is not the founder of the Pakistan Movement

B. Correct: per the official Urdu key — Muhammad Ali Jinnah founded the Pakistan Movement; the stem is a best reading (see verification summary)

C. Wrong: Muhammad Qasim is not the founder of the Pakistan Movement

uhammad Ahmad is not the founder of the Pakistan Movement

Question 3 Urdu

From the Urdu passage printed under Q1, about the Pakistan movement — the visible) fragments mention 1941, the Muslims, the Hindus and the British, and the struggle for Pakistan. The full passage text is faint under the watermark and is not quoted verbatim stem partly illegible — see verification) ؟... کے ... .3 (.here. See the verification summary (summary

Correct answer ✓ ... فرید .A•

... میاں .B•

... نواز .C•

... بہادر .D•

A. Correct: per the official Urdu key — the stem and the options are best readings (only the first words of the options are legible); the answer rests on the key

B. Wrong: the keyed answer is A, not B

C. Wrong: the keyed answer is A, not C

D. Wrong: the keyed answer is A, not D

Question 4 Urdu

From the Urdu passage printed under Q1, about the Pakistan movement — the visible) fragments mention 1941, the Muslims, the Hindus and the British, and the struggle for Pakistan. The full passage text is faint under the watermark and is not quoted verbatim

؟ کی ضد ہے 'حیا' لفظ .4 (.here. See the verification summary

Correct answer ✓ A. بے شرمی

B. بے حیائی

C. بے شرم

D. بے باک

A. Correct: per the official Urdu key — 'bay-sharmi' (shamelessness) is the standard antonym of 'haya' (modesty)

B. Wrong: 'bay-hayai' is also a form of shamelessness, but the keyed standard antonym is A

C. Wrong: 'bay-sharm' is an adjective (a shameless person), not the noun antonym of 'haya'

D. Wrong: 'bay-baak' means bold or fearless, not shameless

Question 5 Urdu

From the Urdu passage printed under Q1, about the Pakistan movement — the visible fragments mention 1941, the Muslims, the Hindus and the British, and the struggle for Pakistan. The full passage text is faint under the watermark and is not quoted verbatim here. See the verification summary.) 5. ... کی ... سے ...؟ (stem partly illegible — the options are interrogative words; see verification summary

A. جب

Correct answer ✓ B. کب

C. کیوں

D. کہاں

A. Wrong: 'jab' (when, relative) is not the keyed interrogative here

er the official Urdu key — 'kab' (when) is the keyed interrogative word

C. Wrong: 'kyun' (why) is not the keyed interrogative here

D. Wrong: 'kahan' (where) is not the keyed interrogative here

Question 6 Urdu

From the Urdu poem printed under Q6: a school poem about the sky (aasman), the moon) and the stars, with 'andoh' (grief) in the last couplet. Best reading of the visible lines: the poem speaks of the sky, the moon and the stars and of grief; the full poem text is faint in the scan and is not quoted verbatim here. See the verification summary.) 6. پہلے شعر میں

'کبھی' کے معنی ہیں:

Correct answer ✓ A. کبھی

B. کبی

C. کوی

D. کبھی

A. Correct: per the official Urdu key — 'kabhi' (sometimes) is the meaning of 'kabhi' in the first couplet; the options are best readings of faint words (see verification summary)

B. Wrong: 'kabi' is not the keyed meaning here

C. Wrong: 'kavi' is not the keyed meaning here

D. Wrong: this prints nearly identically to A in the scan (a duplicate in the booklet, best reading); the keyed answer is A

Question 7 Urdu

From the Urdu poem printed under Q6: a school poem about the sky (aasman), the moon)

s, with 'andoh' (grief) in the last couplet. Best reading of the visible lines: the poem speaks of the sky, the moon and the stars and of grief; the full poem text is faint in the scan and is not quoted verbatim here. See the verification summary.) 7. آسمان کی ... میں

کون سی صنعت مستعمل ہے؟

A. استعارہ

Correct answer ✓ B. کنایہ

C. تلمیح

D. تشبیہ

A. Wrong: 'isti'ara' (metaphor) is not the keyed figure for the sky here

B. Correct: per the official Urdu key — 'kinaya' (metonymy / indirect reference) is the figure used for the sky; the stem is a best reading (see verification summary)

C. Wrong: 'talmih' (allusion to a known event) is not the keyed figure here

D. Wrong: 'tashbih' (simile, an explicit comparison) is not the keyed figure here

Question 8 Urdu

From the Urdu poem printed under Q6: a school poem about the sky (aasman), the moon) and the stars, with 'andoh' (grief) in the last couplet. Best reading of the visible lines: the poem speaks of the sky, the moon and the stars and of grief; the full poem text is faint in the scan and is not quoted verbatim here. See the verification summary.) 8. آخری شعر میں

مستعمل لفظ 'اندوہ' کے معنی ہیں:

Correct answer ✓ A. غم

B. احساس

C. رنج

A. Correct: per the official Urdu key — 'andoh' means 'gham' (grief)

B. Wrong: 'ehsaas' (feeling) is too general to be the keyed meaning of 'andoh'

C. Wrong: 'ranj' (sorrow) is a near-synonym, but the keyed meaning is 'gham'

D. Wrong: 'dukh' (pain) is a near-synonym, but the keyed meaning is 'gham'

Question 9 Urdu

From the Urdu poem printed under Q6: a school poem about the sky (aasman), the moon) and the stars, with 'andoh' (grief) in the last couplet. Best reading of the visible lines: the poem speaks of the sky, the moon and the stars and of grief; the full poem text is faint in the scan and is not quoted verbatim here. See the verification summary (.9 میرے ... کی طرف

اشارہ ہے؟

- A. دوستوں کی طرف
- B. دشمنوں کی طرف
- C. مہمانوں کی طرف

Correct answer ✓ D. دشمنوں کی طرف

A. Wrong: 'towards friends' is not what the poem's line refers to

B. Correct (as filed): B prints the identical text 'towards enemies', so it is equally correct — the booklet prints the same option twice (see verification summary)

C. Wrong: 'towards guests' is not what the poem's line refers to

D. Correct (as filed): per the official Urdu key — the poem's line refers towards the enemies; B prints the same text, so both B and D are correct and D is filed

10 Urdu

From the Urdu poem printed under Q6: a school poem about the sky (aasman), the moon) and the stars, with 'andoh' (grief) in the last couplet. Best reading of the visible lines: the poem speaks of the sky, the moon and the stars and of grief; the full poem text is faint in the scan and is not quoted verbatim here. See the verification summary.) 10. تیسرے شعر کے مصرعے اولیٰ میں صنعت مستعمل ہے:

Correct answer ✓ A. تلمیح

B. تشبیہ

C. کنایہ

D. تضمین

A. Correct: per the official Urdu key — 'talmih' (allusion) is the figure used in the first line of the third couplet

B. Wrong: 'tashbih' (simile) is not the keyed figure here

C. Wrong: 'kinaya' (metonymy) is not the keyed figure here

D. Wrong: 'tazmeen' (quotation) is not the keyed figure here

Question 11 Urdu

11. لفظ 'ہجر' کی معنی ہے:

A. جدائی

B. فراق

Correct answer ✓ C. دوری

D. وصل

A. Wrong: 'judai' (separation) is a near-synonym, but the keyed meaning is C

firaq (separation) is a near-synonym, but the keyed meaning is C

C. Correct: per the official Urdu key — 'hijr' means 'doori' (distance / separation); the options are best readings (the watermark crosses them — see verification summary)

D. Wrong: 'wisal' (union) is the antonym of 'hijr', not its meaning

Question 12 Urdu

12. لفظ 'بنت' کا ... ہے؟ (the operative word of the stem is faint — see verification summary)

Correct answer ✓ A. بنت

B. بیٹا

C. بیٹی

D. بہن

A. Correct: per the official Urdu key — the keyed answer is 'bint' itself; the stem's operative word is not legible, so the answer rests on the key (see verification summary)

B. Wrong: 'beta' (son) is not the keyed answer

C. Wrong: 'beti' also means 'daughter', but the keyed answer is A, not C

D. Wrong: 'behen' (sister) is not the keyed answer

Question 13 Urdu

13. درست جملے کی نشاندہی کیجیے۔

A. میں نے کلکتے فریم میں

B. میں نے کلکتے لباس

C. میں نے کلکتے فریم میں

Correct answer ✓ D. میں نے کلکتے فریم میں

e keyed correct sentence is D, not A (options A, C and D print nearly identically in the scan — see verification summary)

B. Wrong: the keyed correct sentence is D, not B

C. Wrong: the keyed correct sentence is D, not C (options A, C and D print nearly identically in the scan — see verification summary)

D. Correct: per the official Urdu key — D is the keyed correct sentence; the options are best readings of a faint scan

Question 14 Urdu

14. 'نفرت' کا مترادف ہے: (best reading — see verification summary)

- A. عداوت
- **Correct answer ✓** B. بغض
- C. کینہ
- D. محبت

A. Wrong: 'adawat' (enmity) is a near-synonym, but the keyed synonym is B

B. Correct: per the official Urdu key — 'bughz' (malice) is the keyed synonym of 'nafrat' (hatred); the stem and options are best readings (see verification summary)

C. Wrong: 'keena' (grudge) is a near-synonym, but the keyed synonym is B

D. Wrong: 'mohabbat' (love) is the antonym of hatred, not its synonym

Question 15 Urdu

15. 'ذو معنی الفاظ' کے لفظ سے ... با معنی ... کی جمع ہوگی: (best reading — see verification summary)

Correct answer ✓ B. امیان

C. ایمان

D. ایمان

A. Wrong: 'behen' (sister) is not the keyed answer

B. Correct: per the official Urdu key — 'imyaan' is the keyed form; the stem and options are best readings (see verification summary)

C. Wrong: 'imaan' (faith) is not the keyed form here

D. Wrong: 'imaan' (faith) is not the keyed form here (options C and D print identically in the scan — see verification summary)

Question 16 Urdu

16. 'ذو معنی الفاظ' کے لفظ سے امر با معنی کام کی جمع ہوگی: (best reading — see verification summary)

A. اموار

B. امر

C. امور

Correct answer ✓ D. اوامر

A. Wrong: 'amwaar' is not the keyed plural here

B. Wrong: 'amr' itself (singular) is not its plural

C. Wrong: 'umoor' is the plural of 'amr' in the sense of 'matter/affair', but the keyed plural here is D

D. Correct: per the official Urdu key — 'awamir' is the keyed plural of 'amr' (command); the

tion D are best readings (see verification summary)

Question 17 Urdu

17. اسم معرفہ کی اقسام ہیں:

- A. اسم علم، اسم ضمیر، اسم اشارہ، اسم موصول ✓ **Correct answer**
- B. اسم علم، اسم صفت، اسم اشارہ، اسم موصول
- C. اسم علم، اسم ضمیر، اسم اشارہ، اسم مصدر
- D. اسم علم، اسم ضمیر، اسم کنایت، اسم موصول

A. Correct: per the official Urdu key — Ism-e-Marfa comprises Ism-e-Alam (proper name), Ism-e-Zameer (pronoun), Ism-e-Ishara (demonstrative) and Ism-e-Mausool (relative)

B. Wrong: 'sifat' (adjective) is not a type of Ism-e-Marfa

C. Wrong: 'masdar' (infinitive) is not a type of Ism-e-Marfa

D. Wrong: 'kinayat' (metonymy) is not a type of Ism-e-Marfa

Question 18 Urdu

18. درست فقرے کی نشاندہی کیجیے۔

- A. قیدیوں کے لیے جیل بنائی گئی ہے۔
- B. قیدیوں کے لیے جیل بنائی گئی ہے۔ ✓ **Correct answer**
- C. قیدیوں کے لیے جیل بنائے گئے ہیں۔
- D. قیدیوں کے لیے جیل بنائی گئی ہے۔

A. Wrong: the keyed correct sentence is B, not A (options A, B and D print nearly identically in the scan — see verification summary)

B. Correct: per the official Urdu key — B is the keyed correct sentence; the options are

s of a faint scan

C. Wrong: 'banaye gaye hain' (masculine plural) does not agree with 'jail' (feminine singular)

D. Wrong: the keyed correct sentence is B, not D (options A, B and D print nearly identically in the scan — see verification summary)

Question 19 Urdu

19. لفظ 'تفریط' کی ضد ہے:

•A. تفریط

Correct answer ✓ •B. افراط

•C. آفرط

•D. افرط

A. Wrong: 'tafreed' itself is the word asked about, not its antonym

B. Correct: per the official Urdu key — 'ifraat' (excess) is the antonym of 'tafreed' (negligence / falling short); the pair 'ifraat-o-tafreed' is excess and negligence

C. Wrong: 'aafrat' (as printed) is not the keyed antonym

D. Wrong: 'afrat' (as printed) is not the keyed antonym

Question 20 Urdu

the quote and — 'درج ذیل میں سے ...؟' From the quoted line printed under Q20, followed by) ...؟ (.the options are best readings from a faint scan; see verification summary

Correct answer ✓ •A. د...

•B. ت...

...I .D•

A. Correct: per the official Urdu key — A is the keyed answer; only the first letters of the options are legible in the scan (see verification summary)

B. Wrong: the keyed answer is A, not B

C. Wrong: the keyed answer is A, not C

D. Wrong: the keyed answer is A, not D

Question 21 Social Studies

21. Rowlatt Committee (رولٹ کمیٹی) کی سفارش پر کون سے ایکٹ (Act) کی قانون سازی کی گئی؟

- A. The Trust Act
- B. The Rowlatt Bill
- C. The Anarchical and Revolutionary Act ✓ **Correct answer**
- D. The Act of 1909

A. Wrong: the Trust Act was not the Act legislated on the Rowlatt Committee's recommendation

B. Wrong: the Rowlatt Bill was the bill, but the Act as passed is the Anarchical and Revolutionary Crimes Act 1919

C. Correct: per the official Urdu key — on the Rowlatt Committee's recommendation the Anarchical and Revolutionary Crimes Act 1919 was passed

D. Wrong: the Act of 1909 (Morley-Minto reforms) predates the Rowlatt Committee

Question 22 Social Studies

22. قائداعظم کی غیر موجودگی میں کس نے مسلم لیگ کی قیادت کی؟

A.
B. سردار عبدالرب نشتر
Correct answer ✓ C. سر آغا خان
D. نواب ...

A. Wrong: Liaquat Ali Khan was Jinnah's deputy, not the keyed answer here

B. Wrong: Sardar Abdur Rab Nishtar was a League leader, not the keyed answer here

C. Correct: per the official Urdu key — Sir Aga Khan was the first president of the All-India Muslim League (1906–1913); the stem's 'in Jinnah's absence' framing is the paper's own (see verification summary)

D. Wrong: the keyed answer is C, not D (option D's second word is faint in the scan)

Question 23 Social Studies

23. سرحدِ پاکستان 2020ء کے مطابق ہندوستان اور پاکستان کے درمیان لائن آف کنٹرول کی لمبائی کتنی ہے؟

A. 661 کلومیٹر
B. 595 کلومیٹر
C. 610 کلومیٹر
Correct answer ✓ D. 740 کلومیٹر

A. Wrong: 661 km is the printed key's answer, but no source gives 661 km for the Line of Control — see the key-correction note in the verification summary

B. Wrong: 595 km is not the length of the Line of Control

C. Wrong: 610 km is not the length of the Line of Control

D. Correct: PRINTED-KEY CORRECTION — the Line of Control is 740 km (Sangam to NJ9842), per Wikipedia ('Length 740 km to 776 km'), Vajiram & Ravi ('The LoC stretches

lometers) and StudyIQ (740 km); the official key's A (661 km) is corrected to D under the owner's 8 Nov 2026 delegation, with this cited evidence

Question 24 Current Affairs

24. 2021 کی UN World Happiness Report میں پاکستان کا شمار کس نمبر پر ہے؟

- A. 57th
- B. 85th
- C. 105th ✓ **Correct answer**
- D. 110th

A. Wrong: Pakistan was not 57th in the World Happiness Report 2021

B. Wrong: Pakistan was not 85th in the World Happiness Report 2021

C. Correct: per the official Urdu key — Pakistan ranked 105th in the UN World Happiness Report 2021

D. Wrong: Pakistan was not 110th in the World Happiness Report 2021

Question 25 Current Affairs

25. پاکستان نے کس سال ...؟ (stem partly illegible — the stem mentions the USA, 60 and 30; see verification summary)

- A. 2030 ✓ **Correct answer**
- B. 2025
- C. 2060
- D. 2050

A. Correct: per the official Urdu key — 2030 is the keyed year; the stem is partly illegible in the scan (see verification summary) and the answer rests on the key

B. Wrong: the keyed year is 2030, not 2025

e keyed year is 2030, not 2060

D. Wrong: the keyed year is 2050, not 2050

Question 26 Islamiat

26. حضرت موسیٰ علیہ السلام پر کون سی کتاب نازل ہوئی؟ (best reading — see verification summary)

- A. زبور
- B. انجیل
- C. گرنتھ
- D. تورات ✓ **Correct answer**

A. Wrong: the Zabur (Psalms) was revealed to Prophet David, not to Prophet Moses

B. Wrong: the Injeel (Gospel) was revealed to Prophet Jesus, not to Prophet Moses

C. Wrong: the Granth is the Sikh scripture, not a book revealed to Prophet Moses

D. Correct: per the official Urdu key — the Torah was revealed to Prophet Moses (the stem is faint and the answer rests on the key and the fact)

Question 27 Islamiat

27. دنیا کا سب سے پہلا فقیہ (Faqih) کسے کہا جاتا ہے؟

- A. حضرت موسیٰ ✓ **Correct answer**
- B. حضرت عیسیٰ
- C. حضرت ابراہیم
- D. حضرت محمد

A. Correct: per the official Urdu key — Prophet Moses is the keyed answer as the first Faqih (jurist) in the paper's framing

prophet Jesus is not the keyed answer here

C. Wrong: Prophet Abraham is not the keyed answer here

D. Wrong: Prophet Muhammad is not the keyed answer here

Question 28 Islamiat

28. ... کی فطرت ...؟ (see verification summary); stem partly illegible — the stem mentions 'fitrat' (nature)

Correct answer ✓ A. سچ

B. حقیقت

C. زندگی

D. موت

A. Correct: per the official Urdu key — 'sach' (truth) is the keyed answer; the stem is partly illegible (see verification summary) and the answer rests on the key

B. Wrong: the keyed answer is A, not B

C. Wrong: the keyed answer is A, not C

D. Wrong: the keyed answer is A, not D

Question 29 Islamiat

29. طارق بن زیاد رادارک کے خلاف کتنے افراد کا لشکر لے کر روانہ ہوئے؟

- A. 5000
- B. 4000
- C. 7000 ✓ **Correct answer**
- D. 8000

000 is not the standard figure for Tariq bin Ziyad's force in 711 CE

B. Wrong: 4,000 is not the standard figure for Tariq bin Ziyad's force in 711 CE

C. Correct: per the official Urdu key — Tariq bin Ziyad landed in Iberia in 711 CE with about 7,000 men

D. Wrong: 8,000 is not the standard figure for Tariq bin Ziyad's force in 711 CE

Question 30 Islamiat

30. بائبل حضرت عیسیٰ پر ..... بولی میں نازل ہوا۔

Correct answer ✓ A. عبرانی

B. عربی

C. فارسی

D. ترکی

A. Correct: per the official Urdu key and the Sindhi line — the Bible was revealed to Prophet Jesus in Hebrew ('Ibrani'); the Urdu line misprints this option as 'میراثی' (Mirasi), which is a misprint (see verification summary)

B. Wrong: Arabic is not the language of the Bible

C. Wrong: Persian is not the language of the Bible

D. Wrong: Turkish is not the language of the Bible

Question 31 English

(From the English passage printed under Q31, about a beggar who claims a horse before the Caliph: the beggar says the horse is his, that he spent all his money on it and is now in rags; a rich man walking along the road asked to borrow the horse, rode it to the city

old the beggar to get down and leave the horse to him, saying such a fine horse should not belong to a beggar. The beggar begs the Caliph to save him from the robber and restore what is his own.) 31. The passage you have gone through contains a talk about a claim to a horse by ____

- A. the well-dressed man who appeared to be a well-to-do respectable citizen
- B. a cheat and liar ✓ **Correct answer**
- C. a Bedouin
- D. a vagabond

A. Wrong: the well-dressed man is the rich man who took the horse, not the claimant

B. Correct: per the official Urdu key — the beggar claims the horse is his and the rich man is a cheat and liar who seized it

C. Wrong: the claimant is not a Bedouin

D. Wrong: the claimant is not a vagabond

Question 32 English

32. The beggar was ____

- A. wounded
- B. blind
- C. ill
- D. lame ✓ **Correct answer**

A. Wrong: the beggar was not wounded

B. Wrong: the beggar was not blind

C. Wrong: the beggar was not ill

D. Correct: per the official Urdu key — the passage says the beggar 'limped forward', so he was lame

33 English

33. The underlined word 'like', used twice in the passage, has been used as ____

- A. a verb
- B. an adverb
- C. a preposition ✓ **Correct answer**
- D. a conjunction

A. Wrong: 'like' is not used as a verb here

B. Wrong: 'like' is not used as an adverb here

C. Correct: per the official Urdu key — in both uses ('like everybody else', 'a beggar like me') 'like' is followed by a noun or pronoun, so it is a preposition

D. Wrong: 'like' is not used as a conjunction here

Question 34 English

34. The underlined phrase 'in rags' means ____

- A. in dirty clothes
- B. wearing very old torn clothes ✓ **Correct answer**
- C. in gaudy clothes
- D. in costume

A. Wrong: 'in rags' is more than merely dirty clothes

B. Correct: per the official Urdu key — 'in rags' means wearing very old torn clothes

C. Wrong: 'gaudy clothes' means showy clothes, the opposite of rags

D. Wrong: 'in costume' means dressed up, not in rags

35 English

35. The underlined word 'for' has been used as ____

- A. a preposition
- B. a conjunction ✓ **Correct answer**
- C. an adverb
- D. an interjection

A. Wrong: 'for' is not used as a preposition here

B. Correct: per the official Urdu key — in 'for he was in a great hurry' the word 'for' means 'because', so it is a conjunction

C. Wrong: 'for' is not used as an adverb here

D. Wrong: 'for' is not used as an interjection here

Question 36 English

36. 'Where there is a will there is a way.' (The underlined word is 'will'.)

- A. the ability to control your thoughts and actions ✓ **Correct answer**
- B. what somebody wants to happen in a particular situation
- C. a legal document
- D. a modal verb

A. Correct: per the official Urdu key — in the proverb 'will' means determination, the ability to control one's thoughts and actions

B. Wrong: 'what somebody wants to happen' is the meaning of 'will' as a wish, not the proverb's sense

C. Wrong: 'will' as a legal document is not the proverb's sense

D. Wrong: 'will' as a modal verb is not the proverb's sense

37 English

37. They thought that he (Holy Prophet) was against their gods and their ancestors. (The underlined word is 'ancestors'.)

- A. grandparents
- B. close relatives
- C. kith and kin
- D. forbears ✓ **Correct answer**

A. Wrong: 'grandparents' are only two generations back, not ancestors in general

B. Wrong: 'close relatives' are living relatives, not ancestors

C. Wrong: 'kith and kin' means friends and relatives, not ancestors

D. Correct: per the official Urdu key — 'ancestors' means one's forbears

Question 38 English

38. Twenty of these oases are inhabited. (The underlined word is 'inhabited'.)

- A. prohibited for human settlement
- B. occupied by human beings settlement ✓ **Correct answer**
- C. never crossed or explored by human beings
- D. happened in their life

A. Wrong: 'prohibited for human settlement' is the opposite of inhabited

B. Correct: per the official Urdu key — 'inhabited' means occupied by human beings (settled); the stem reads 'inhabited' (confirmed on an enlarged crop — see verification summary)

C. Wrong: 'never crossed or explored' is the opposite of inhabited

D. Wrong: 'happened in their life' has nothing to do with 'inhabited'

39 English

39. Some of them had seen Shah Latif in person. (The underlined words are 'in person'.)

- A. living
- B. in fact
- C. face-to-face ✓ **Correct answer**
- D. somewhere in their life

A. Wrong: 'living' is not the meaning of 'in person'

B. Wrong: 'in fact' is not the meaning of 'in person'

C. Correct: per the official Urdu key — 'in person' means face-to-face

D. Wrong: 'somewhere in their life' is not the meaning of 'in person'

Question 40 English

40. Shah Abdul Latif was a sensitive, gentle and kind soul. (The underlined word is 'soul'.)

- A. person ✓ **Correct answer**
- B. the spiritual part of a person
- C. a person's inner character
- D. a perfect example of a good quality

A. Correct: per the official Urdu key — here 'soul' means a person ('a kind soul' = a kind person)

B. Wrong: 'the spiritual part of a person' is the literal sense of 'soul', not the sense here

C. Wrong: 'a person's inner character' is not the keyed sense here

D. Wrong: 'a perfect example of a good quality' is not the keyed sense here

41 English

41. You take out the tube and inflate it. (The underlined word is 'inflate'.)

- A. compress
- B. deflaten
- C. deflate ✓ **Correct answer**
- D. squeeze

A. Wrong: 'compress' is a near-opposite of 'inflate', but the keyed antonym is C

B. Wrong: 'deflaten' is printed this way in the booklet — it is a misprint, not the keyed answer

C. Correct: per the official Urdu key — the antonym of 'inflate' is 'deflate'

D. Wrong: 'squeeze' is not the antonym of 'inflate'

Question 42 English

42. Fairer is the manuscript when the reed is clipped. (The underlined word is 'manuscript'.)

- A. postscript
- B. oral
- C. delivery
- D. printed copy of something ✓ **Correct answer**

A. Wrong: 'postscript' is not the antonym of 'manuscript'

B. Wrong: 'oral' means spoken, which is close to the sense but the keyed antonym is D

C. Wrong: 'delivery' is not the antonym of 'manuscript'

D. Correct: per the official Urdu key — the antonym of a handwritten 'manuscript' is a 'printed copy of something'

43 English

43. 'Please stop that noise'. (The underlined word is 'noise'.)

- A. quite
- B. quit
- C. quiet ✓ **Correct answer**
- D. quieten

A. Wrong: 'quite' (very) is not the antonym of 'noise'

B. Wrong: 'quit' (leave) is not the antonym of 'noise'

C. Correct: per the official Urdu key — the antonym of 'noise' is 'quiet'

D. Wrong: 'quieten' is a verb, not the antonym of 'noise'

Question 44 English

44. The power of a tribe depends upon the number of its menfolk. (The underlined word is 'menfolk'.)

- A. women
- B. womenfolk ✓ **Correct answer**
- C. ladies
- D. the fair sex

A. Wrong: 'women' is the plural of woman, but the keyed parallel antonym is B

B. Correct: per the official Urdu key — the antonym of 'menfolk' is 'womenfolk'

C. Wrong: 'ladies' is not the keyed parallel antonym

D. Wrong: 'the fair sex' is a phrase for women, not the keyed parallel antonym

45 English

45. If you think you'll lose, you're lost. (The underlined word is 'lose'.)

- A. win ✓ **Correct answer**
- B. succeed
- C. have
- D. recover

A. Correct: per the official Urdu key — the antonym of 'lose' is 'win'

B. Wrong: 'succeed' is a near-antonym of 'lose', but the keyed antonym is 'win'

C. Wrong: 'have' is not the antonym of 'lose'

D. Wrong: 'recover' is not the antonym of 'lose' (option D is partly watermark-obscured — see verification summary)

Question 46 English

46. These two men were holding _____ them a beautiful white horse.

- A. with
- B. for
- C. between ✓ **Correct answer**
- D. among

A. Wrong: 'with' does not fit 'holding _____ them a horse'

B. Wrong: 'for' does not fit 'holding _____ them a horse'

C. Correct: per the official Urdu key — 'between' fits two men holding a horse between them

D. Wrong: 'among' is used for more than two, not for two men

47 English

47. They (teachers) practise what they preach, _____ the examples of the Prophet (S.A.W) of God.

- A. to
- B. about
- C. for
- D. after ✓ **Correct answer**

A. Wrong: 'to' does not fit 'following the example'

B. Wrong: 'about' does not fit 'following the example'

C. Wrong: 'for' does not fit 'following the example'

D. Correct: per the official Urdu key — 'after' (following the example of) is the idiom here

Question 48 English

48. These branches were joined _____ the top and bound firmly together.

- A. at ✓ **Correct answer**
- B. to
- C. with
- D. in

A. Correct: per the official Urdu key — 'joined at the top' is the idiom

B. Wrong: 'joined to the top' is not the idiom

C. Wrong: 'joined with the top' is not the idiom

D. Wrong: 'joined in the top' is not the idiom

49 English

49. This situation goes on _____ some time.

- A. at
- B. since
- C. for ✓ **Correct answer**
- D. to

A. Wrong: 'at some time' does not express a duration

B. Wrong: 'since some time' is not the idiom for a duration

C. Correct: per the official Urdu key — 'for some time' expresses the duration

D. Wrong: 'to some time' is not the idiom

Question 50 English

50. Felica Dorothea Hemans was quick _____ mind and had a fine memory.

- A. at
- B. in ✓ **Correct answer**
- C. by
- D. to

A. Wrong: 'quick at mind' is not the idiom

B. Correct: per the official Urdu key — 'quick in mind' (quick-witted) is the idiom

C. Wrong: 'quick by mind' is not the idiom

D. Wrong: 'quick to mind' is not the idiom

Question 51 Mathematics

51. In a circle the radius is made by twice in length. The area of the circle will be

- A. Twice
- B. Thrice
- C. Four times ✓ **Correct answer**
- D. Five times

A. Wrong: doubling the radius does not double the area

B. Wrong: doubling the radius does not triple the area

C. Correct: per the official Urdu key — area is πr^2; if $r \to 2r$, area $\to 4\pi r^2$, so the area increases four times

D. Wrong: doubling the radius does not increase the area five times

Question 52 Mathematics

52. In pie graph, the measure of all angles is:

- A. 90°
- B. 180°
- C. 240°
- D. 360° ✓ **Correct answer**

A. Wrong: the angles in a pie graph do not sum to 90°

B. Wrong: the angles in a pie graph do not sum to 180°

C. Wrong: the angles in a pie graph do not sum to 240°

D. Correct: per the official Urdu key — the sectors of a pie graph cover the full circle, 360°

Question 53 Mathematics

53. A businessman decided to give 10% of discount in all the purchases from his shop. How much will a customer pay for an item that was marked Rs. 5400?

4840

- B. Rs. 4850
- C. Rs. 4860 ✓ **Correct answer**
- D. Rs. 4960

A. Wrong: 5400 − 10% is not 4840

B. Wrong: 5400 − 10% is not 4850

C. Correct: per the official Urdu key — 10% of 5400 is 540, so the customer pays 5400 − 540 = Rs. 4860

D. Wrong: 5400 − 10% is not 4960

Question 54 Mathematics

54. A father is three times as old as his son. After fifteen years the father will be twice as old as his son's age at that time. Hence the father's present age is

- A. 36 years
- B. 42 years
- C. 45 years ✓ **Correct answer**
- D. 48 years

A. Wrong: if the son is 12 the father is 36, but after 15 years the father would be 51 and the son 27, not twice

B. Wrong: if the son is 14 the father is 42, but after 15 years the father would be 57 and the son 29, not twice

C. Correct: per the official Urdu key — let the son be x; the father is 3x; after 15 years 3x + 15 = 2(x + 15), so x = 15 and the father is 45

D. Wrong: if the son is 16 the father is 48, but after 15 years the father would be 63 and the son 31, not twice

55 Mathematics

55. A contractor estimates that 3 persons could rewire Jamal's house in 4 days. If, he uses 4 persons instead of three, how long should they take to complete the job?

- A. 2 days
- B. 3 days ✓ **Correct answer**
- C. 4 days
- D. 6 days

A. Wrong: 3 persons × 4 days is 12 person-days, and 12 ÷ 4 is not 2

B. Correct: per the official Urdu key — the job is 3 × 4 = 12 person-days, so 4 persons take 12 ÷ 4 = 3 days

C. Wrong: 4 persons take less than the 4 days that 3 persons take

D. Wrong: 4 persons take less, not more, than 3 persons

Question 56 Mathematics

56. A man bought apples at the rate of 8 for Rs. 34 and sold them at the rate of 12 for Rs. 57. How many rupees profit was made per dozen?

- A. 6 ✓ **Correct answer**
- B. 12
- C. 15
- D. 23

A. Correct: per the official Urdu key — cost per dozen is (34 ÷ 8) × 12 = Rs. 51, selling price per dozen is Rs. 57, so the profit per dozen is 57 − 51 = Rs. 6 (verified by arithmetic)

B. Wrong: the profit per dozen is 6, not 12

C. Wrong: the profit per dozen is 6, not 15

D. Wrong: the profit per dozen is 6, not 23

57 Mathematics

57. If $\bar{X} = 12$, and $\Sigma x = 132$, then n = ...

- A. 10
- B. 11 ✓ **Correct answer**
- C. 12
- D. 13

A. Wrong: 132 ÷ 12 is not 10

B. Correct: per the official Urdu key — the mean is $\Sigma x \div n$, so $n = 132 \div 12 = 11$

C. Wrong: 132 ÷ 12 is not 12

D. Wrong: 132 ÷ 12 is not 13

Question 58 Mathematics

58. An electrical pole of 12 m height is stretched by a string of 20 m. Find the distance between the foot of the pole and the end point of string on the ground.

- A. 14m
- B. 16m ✓ **Correct answer**
- C. 18m
- D. 20m

A. Wrong: by Pythagoras the distance is not 14 m

B. Correct: per the official Urdu key — the distance is $\sqrt{(20^2 - 12^2)} = \sqrt{(400 - 144)} = \sqrt{256} = 16$ m

C. Wrong: by Pythagoras the distance is not 18 m

D. Wrong: the distance is less than the 20 m string

59 Mathematics

59. $(a + b)^2 + (a - b)^2 =$ ____

- A. 4ab
- B. $a^2 + b^2$
- C. $2a^2 + 2b^2$ ✓ **Correct answer**
- D. $a^2 - b^2$

A. Wrong: $(a + b)^2 + (a - b)^2$ is not 4ab (that is $(a + b)^2 - (a - b)^2$)

B. Wrong: $(a + b)^2 + (a - b)^2$ is not $a^2 + b^2$

C. Correct: per the official Urdu key — $(a^2 + 2ab + b^2) + (a^2 - 2ab + b^2) = 2a^2 + 2b^2$

D. Wrong: $(a + b)^2 + (a - b)^2$ is not $a^2 - b^2$

Question 60 Mathematics

60. If $(\log_b c) / (\log_b d)$ is equal to:

- A. $\log_d c$ ✓ **Correct answer**
- B. $\log_a d$
- C. $\log_c b$
- D. $\log_b a$

A. Correct: per the official Urdu key — by the change-of-base rule, $(\log_b c) \div (\log_b d) = \log_d c$

B. Wrong: $(\log_b c) \div (\log_b d)$ is not $\log_a d$

C. Wrong: $(\log_b c) \div (\log_b d)$ is not $\log_c b$

D. Wrong: $(\log_b c) \div (\log_b d)$ is not $\log_b a$

61 Mathematics

61. The notation of $\sqrt[n]{x^m}$ in power form is:

- A. $(x)^{nm}$
- B. $(x)^{mn}$ ✓ **Correct answer**
- C. x^{m-n}
- D. x^{m+n}

A. Wrong: the nth root of x^m is not x raised to the product n × m

B. Correct: per the official Urdu key — $\sqrt[n]{x^m}$ = x^(m/n); the options print the exponent as a stacked fraction

C. Wrong: the nth root of x^m is not x raised to m − n

D. Wrong: the nth root of x^m is not x raised to m + n

Question 62 Mathematics

62. If |A| ≠0 then matrix A is:

- A. Zero
- B. Singular
- C. Non-singular ✓ **Correct answer**
- D. Unit

A. Wrong: a matrix with a non-zero determinant is not a zero matrix

B. Wrong: a singular matrix has determinant zero, but here |A| ≠0

C. Correct: per the official Urdu key — a matrix with a non-zero determinant is non-singular

D. Wrong: a unit matrix has determinant 1, but |A| ≠0 alone does not make it a unit matrix

63 Mathematics

63. If A = [a b; c d], then ad − bc is called ____

- A. Adjoint of A
- B. Determinant of A ✓ **Correct answer**
- C. Inverse of A
- D. Power of A

A. Wrong: the adjoint of A is a matrix, not the number ad − bc

B. Correct: per the official Urdu key — for a 2 × 2 matrix, ad − bc is the determinant of A

C. Wrong: the inverse of A is a matrix, not the number ad − bc

D. Wrong: ad − bc is not a power of A

Question 64 Mathematics

64. If A = {a, b, c, d, e} then the number of elements in the Powerset n(P(A)) = ____

- A. 8
- B. 16
- C. 32 ✓ **Correct answer**
- D. 64

A. Wrong: 2^5 is not 8

B. Wrong: 2^5 is not 16

C. Correct: per the official Urdu key — A has 5 elements, so its power set has 2^5 = 32 elements

D. Wrong: 2^5 is not 64

65. An expression which has at least one term involving a radical sign is called ___

- A. Polynomial
- B. Conjugate
- C. Surd ✓ **Correct answer**
- D. Absolute

A. Wrong: a polynomial has no radical sign

B. Wrong: a conjugate is the counterpart of a surd, not the expression itself

C. Correct: per the official Urdu key — an expression with a radical sign is a surd

D. Wrong: an absolute value is not an expression with a radical sign

Question 66 Mathematics

66. $x + y = 5$ and $x - y = 3$ are two simultaneous linear equations and they have only one solution:

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

A. Wrong: $3 + 2 = 5$ but $3 - 2 = 1$, not 3

B. Correct: per the official Urdu key — adding the equations gives $2x = 8$, so $x = 4$ and $y = 1$, the solution (4,1)

C. Wrong: $1 + 4 = 5$ but $1 - 4 = -3$, not 3

D. Wrong: $2 + 3 = 5$ but $2 - 3 = -1$, not 3

67 Mathematics

67. 15 divided by −3 is equal to

- A. 12
- B. −12
- C. −5 ✓ **Correct answer**
- D. +5

A. Wrong: 15 ÷ (−3) is not 12

B. Wrong: 15 ÷ (−3) is not −12

C. Correct: per the official Urdu key — 15 ÷ (−3) = −5 (a positive divided by a negative is negative)

D. Wrong: 15 ÷ (−3) is not +5

Question 68 Mathematics

68. Which of the following statement is false:

- A. −7 + (−6) = −13
- B. −5 + 1 = 4 ✓ **Correct answer**
- C. 2 + (−1) = 1
- D. 4−5=−1

A. Wrong: −7 + (−6) = −13 is true, so it is not the false statement

B. Correct: per the official Urdu key — −5 + 1 = −4, not 4, so this statement is false

C. Wrong: 2 + (−1) = 1 is true, so it is not the false statement

D. Wrong: 4 − 5 = −1 is true, so it is not the false statement

69 Mathematics

69. The value of $\sqrt{(9^2 + 12^2)} + (-3)^2 - (-1 + 2 + 3)^3 - \sqrt[3]{(-125)}$ is:

- A. 10
- B. −10
- C. −35 ✓ **Correct answer**
- D. +35

A. Wrong: the value is not 10

B. Wrong: the value is not −10

C. Correct: per the official Urdu key — $\sqrt{(81 + 144)} = 15$, $(-3)^2 = 9$, $(-1 + 2 + 3)^3 = 64$ and $\sqrt[3]{(-125)} = -5$, so $15 + 9 - 64 - (-5) = -35$ (the radical index reads as 3 on the enlarged crop — see verification summary)

D. Wrong: the value is not +35

Question 70 Mathematics

70. The identity $\text{Sec}^2\theta - \text{Tan}^2\theta$ is equal to:

- A. −1
- B. 1 ✓ **Correct answer**
- C. −2
- D. 0

A. Wrong: $\text{Sec}^2\theta - \text{Tan}^2\theta$ is not −1

B. Correct: per the official Urdu key — $\text{Sec}^2\theta - \text{Tan}^2\theta = 1$ is the standard trigonometric identity

C. Wrong: $\text{Sec}^2\theta - \text{Tan}^2\theta$ is not −2

D. Wrong: $\text{Sec}^2\theta - \text{Tan}^2\theta$ is not 0

71 Science

71. A group of similar cells combine together to form

- A. Organ
- B. System
- C. Body
- D. Tissue ✓ **Correct answer**

A. Wrong: an organ is formed by tissues, not directly by similar cells

B. Wrong: a system is formed by organs, not directly by similar cells

C. Wrong: a body is formed by systems, not directly by similar cells

D. Correct: per the official Urdu key — a group of similar cells forms a tissue

Question 72 Science

72. The enlargement of image is called

- A. Embroidery
- B. Modification
- C. Magnification ✓ **Correct answer**
- D. Abbreviation

A. Wrong: embroidery is stitching, not the enlargement of an image

B. Wrong: modification is a general change, not the enlargement of an image

C. Correct: per the official Urdu key — the enlargement of an image is called magnification

D. Wrong: abbreviation is shortening a word, not the enlargement of an image

Question 73 Science

73. Periscope is an optical instrument that works on the principle of total

- ...rnal reflection ✓ **Correct answer**
- B. External refraction
- C. Internal reflex
- D. Zero reflection

A. Correct: per the official Urdu key — a periscope works on the principle of total internal reflection

B. Wrong: a periscope does not work on external refraction

C. Wrong: 'internal reflex' is not the principle of a periscope

D. Wrong: a periscope does not work on zero reflection

Question 74 Science

74. If the fundamental frequency of a guitar string is 220 Hz, the frequency of the second harmonic is

- A. 110 Hz
- B. 220 Hz
- C. 440 Hz ✓ **Correct answer**
- D. 880 Hz

A. Wrong: the second harmonic is not half the fundamental

B. Wrong: the second harmonic is not the fundamental itself

C. Correct: per the official Urdu key — the second harmonic is 2 × the fundamental, 2 × 220 = 440 Hz

D. Wrong: 880 Hz is the fourth harmonic, not the second

Question 75 Science

75. A reflecting telescope consists of

- B. Only a single mirror
- C. Many lenses
- D. A prism of split light

A. Correct: per the official Urdu key — a reflecting telescope uses a primary mirror and a secondary mirror

B. Wrong: a reflecting telescope uses more than a single mirror

C. Wrong: many lenses describe a refracting telescope, not a reflecting one

D. Wrong: a prism that splits light is not what a reflecting telescope consists of

Question 76 Science

76. The phenomenon, which leads to the destruction of manmade structure and metal of archaeological importance is

- A. Tsunami
- B. Flood
- C. Greenhouse effect
- D. Acid rain ✓ **Correct answer**

A. Wrong: a tsunami destroys structures by water, but it is not the phenomenon that corrodes metal of archaeological importance

B. Wrong: a flood destroys structures by water, but it is not the phenomenon that corrodes metal of archaeological importance

C. Wrong: the greenhouse effect warms the climate; it is not the phenomenon that corrodes metal

D. Correct: per the official Urdu key — acid rain corrodes manmade structures and metals of archaeological importance

77 Science

77. The step which can save the earth and natural resources is

- A. Recycled reusable material usage ✓ **Correct answer**
- B. Deforestation
- C. Gas engines in the air
- D. Wastage of water

A. Correct: per the official Urdu key — using recycled, reusable material saves the earth and its natural resources

B. Wrong: deforestation destroys resources, it does not save them

C. Wrong: gas engines in the air pollute; they do not save resources

D. Wrong: wastage of water destroys resources, it does not save them

Question 78 Science

78. Pneumatic Systems are used in

- A. Spray Guns
- B. Pumps
- C. Dentistry tools
- D. All of the above ✓ **Correct answer**

A. Wrong: spray guns are one use of pneumatics, but not the only one

B. Wrong: pumps are one use of pneumatics, but not the only one

C. Wrong: dentistry tools are one use of pneumatics, but not the only one

D. Correct: per the official Urdu key — pneumatic systems are used in spray guns, pumps and dentistry tools, so 'all of the above'

79. Which of the following gas is mainly responsible for ozone layer depletion?

- A. Carbon dioxide
- B. Chlorofluorocarbon ✓ **Correct answer**
- C. Oxygen
- D. Sulfur Dioxide

A. Wrong: carbon dioxide causes global warming, but it is not the main gas depleting the ozone layer

B. Correct: per the official Urdu key — chlorofluorocarbons (CFCs) are mainly responsible for ozone layer depletion

C. Wrong: oxygen does not deplete the ozone layer

D. Wrong: sulfur dioxide causes acid rain, but it is not the main gas depleting the ozone layer

Question 80 Science

80. The density of water is ____.

- A. 1 g/cm³ ✓ **Correct answer**
- B. 1.5 g/cm³
- C. 2 g/cm³
- D. 2.5 g/cm³

A. Correct: per the official Urdu key — the density of water is 1 g/cm³

B. Wrong: the density of water is not 1.5 g/cm³

C. Wrong: the density of water is not 2 g/cm³

D. Wrong: the density of water is not 2.5 g/cm³

81 Science

81. Our galaxy is ____ in shape.

- A. Spherical
- B. Elliptical
- C. Spiral ✓ **Correct answer**
- D. Irregular

A. Wrong: the Milky Way is not spherical in shape

B. Wrong: the Milky Way is not elliptical in shape

C. Correct: per the official Urdu key — the Milky Way galaxy is spiral in shape

D. Wrong: the Milky Way is not irregular in shape

Question 82 Science

82. One horse power is equal to

- A. 766 m/sec
- B. 746 watt ✓ **Correct answer**
- C. 714 newton
- D. 764 joule

A. Wrong: 766 m/sec is not a unit of power

B. Correct: per the official Urdu key — one horse power is 746 watts

C. Wrong: 714 newton is a unit of force, not the power of one horse power

D. Wrong: 764 joule is a unit of energy, not the power of one horse power

Question 83 Science

83. Which of the following harmonics is two octaves higher in pitch than the

- A. First
- B. Second
- C. Third
- D. Fourth ✓ **Correct answer**

A. Wrong: the first harmonic is the fundamental itself

B. Wrong: the second harmonic is one octave higher than the fundamental

C. Wrong: the third harmonic is not two octaves higher than the fundamental

D. Correct: per the official Urdu key — the fourth harmonic is 4 × the fundamental, which is two octaves higher

Question 84 Science

84. Name the vitamin whose gene is inserted in rice plant for creating genetically modified rice variety

- A. Vitamin A ✓ **Correct answer**
- B. Vitamin B
- C. Vitamin C
- D. Vitamin K

A. Correct: per the official Urdu key — Golden Rice is genetically modified to provide provitamin A (beta-carotene)

B. Wrong: Golden Rice is not modified for vitamin B

C. Wrong: Golden Rice is not modified for vitamin C

D. Wrong: Golden Rice is not modified for vitamin K

85 Science

85. Which of the following equations represents a decomposition reaction?

- A. A + B → AB
- B. A + BC → AC + B
- C. AB → A + B ✓ **Correct answer**
- D. AC + BA → 2A + BC

A. Wrong: A + B → AB is a combination (synthesis) reaction

B. Wrong: A + BC → AC + B is a displacement reaction

C. Correct: per the official Urdu key — AB → A + B is a decomposition reaction (one compound breaks into two parts)

D. Wrong: AC + BA → 2A + BC is not a decomposition reaction

Question 86 Science

86. The metallic oxides are called

- A. Acids
- B. Bases ✓ **Correct answer**
- C. Neutral
- D. Weak oxides

A. Wrong: metallic oxides are not acids

B. Correct: per the official Urdu key — metallic oxides are basic in nature, so they are called bases

C. Wrong: metallic oxides are not neutral

D. Wrong: 'weak oxides' is not the class name for metallic oxides

87 Science

87. The atoms $^{31}_{15}P$ and $^{32}_{16}S$ have the same

- A. nucleon number
- B. number of electrons
- C. number of neutrons ✓ **Correct answer**
- D. number of protons

A. Wrong: the nucleon numbers are 31 and 32, not the same

B. Wrong: the numbers of electrons are 15 and 16, not the same

C. Correct: per the official Urdu key — $^{31}_{15}P$ has $31 - 15 = 16$ neutrons and $^{32}_{16}S$ has $32 - 16 = 16$ neutrons (isotones)

D. Wrong: the numbers of protons are 15 and 16, not the same

Question 88 Science

88. The color of Sulphur powder is

- A. White
- B. Colorless
- C. Green
- D. Yellow ✓ **Correct answer**

A. Wrong: sulphur powder is not white

B. Wrong: sulphur powder is not colorless

C. Wrong: sulphur powder is not green

D. Correct: per the official Urdu key — sulphur powder is yellow

89 Science

89. The transfer of pollen of a flowering plant to the stigma part from anther of another flower is called

- A. Pollination ✓ **Correct answer**
- B. Fertilization
- C. Seed formation
- D. Fermentation

A. Correct: per the official Urdu key — the transfer of pollen to the stigma is pollination

B. Wrong: fertilization is the fusion of gametes after pollination, not the transfer of pollen

C. Wrong: seed formation follows fertilization, it is not the transfer of pollen

D. Wrong: fermentation is a chemical process, not the transfer of pollen

Question 90 Science

90. The bulge of the greater curvature of the stomach superior to the esophageal junction (or the big wheel) is the

- A. Pylorus
- B. Fundus ✓ **Correct answer**
- C. Antrum
- D. Cardia

A. Wrong: the pylorus is the lower exit of the stomach, not the bulge above the esophageal junction

B. Correct: per the official Urdu key — the fundus is the bulge of the greater curvature above the esophageal junction

C. Wrong: the antrum is the lower part of the stomach, not the bulge above the esophageal junction

e cardia is the opening at the esophageal junction itself, not the bulge above it

Question 91 Computer

سائبر غنڈہ گردی اور) The Sindhi stem prints two lines about Cyber Bullying / Harassment) and its effects; the key resolves it to the NOT reading — see verification (ہراسمنٹ .summary) Cyber Bullying (سائبر غنڈہ گردی اور ہراسمنٹ / Harassment) کے نتائج میں سے کون سا نہیں ہے؟

- A. Lower self-esteem
- B. Intent to commit sucide
- C. Frustration
- D. Happiness ✓ **Correct answer**

A. Wrong: lower self-esteem is an effect of cyber bullying, so it is not the NOT answer

B. Wrong: intent to commit suicide is an effect of cyber bullying, so it is not the NOT answer (the booklet misprints it as 'sucide')

C. Wrong: frustration is an effect of cyber bullying, so it is not the NOT answer

D. Correct: per the official Urdu key — happiness is not an effect of cyber bullying; the other three are

Question 92 Computer

.The Sindhi stem prints two lines; see verification summary) کس چیز کی ترقی نے الیکٹرانک دور (Electronic Era کو جنم دیا؟

- A. Vacuum or electron tube ✓ **Correct answer**
- B. Capacitor
- C. Mechanics

A. Correct: per the official Urdu key — the vacuum (electron) tube gave birth to the Electronic Era

B. Wrong: the capacitor did not give birth to the Electronic Era

C. Wrong: mechanics did not give birth to the Electronic Era

D. Wrong: fuel did not give birth to the Electronic Era

Question 93 Computer

Automatic Teller Machine (.The Sindhi stem prints two lines; see verification summary)

(ATM) ... کی ایک مثال ہے۔

- A. General Purpose Computer
- B. Special Purpose Computer ✓ **Correct answer**
- C. Super Computer
- D. Smart Phone

A. Wrong: an ATM is not a general purpose computer

B. Correct: per the official Urdu key — an ATM is a special purpose computer (built for one task)

C. Wrong: an ATM is not a super computer

D. Wrong: an ATM is not a smart phone

Question 94 Computer

(.The stem shows the text 'This is an example text.' with a line struck through it) ... کی ایک مثال ہے۔

- A. Deleted text

- C. Strikethrough text ✓ **Correct answer**
- D. Lined text

A. Wrong: deleted text is removed, not struck through and shown

B. Wrong: 'crossed text' is not the standard name for this formatting

C. Correct: per the official Urdu key — a line through text is strikethrough text

D. Wrong: 'lined text' is not the standard name for this formatting

Question 95 Computer

) ... (.The Sindhi stem asks about a software that monitors (Monitoring) computer usage)

؟... (Monitoring

- A. Adware
- B. Spyware ✓ **Correct answer**
- C. Worm
- D. Antivirus

A. Wrong: adware shows advertisements, it does not monitor computer usage

B. Correct: per the official Urdu key — spyware is software that monitors computer usage

C. Wrong: a worm is malware that replicates, it does not monitor computer usage

D. Wrong: antivirus protects against malware, it does not monitor computer usage in this sense

Question 96 Computer

(.The Sindhi stem asks in which tab (Tab) of MS-Excel the Chart (Chart) option is found)

MS-Excel میں چارٹ (Chart) کا آپشن (Option) کس ٹیب (Tab) میں ہے؟

- B. Formula
- C. Home
- D. Insert ✓ **Correct answer**

A. Wrong: charts are not on the Data tab

B. Wrong: charts are not on the Formula tab

C. Wrong: charts are not on the Home tab

D. Correct: per the official Urdu key — the Charts group is on the Insert tab of MS-Excel

Question 97 Computer

The Sindhi stem mixes Hertz (Hz) and (Data) and asks what information (Data) provides;) کی Hertz (Hz) ... (Data) معلومات فراہم کرتا ... (.the stem is garbled — see verification summary ہے۔

- A. Visual information ✓ **Correct answer**
- B. Quality content
- C. Basic Information
- D. Deleted information

A. Correct (as filed): A is filed as the representative answer — the official key reads 'Correct all', meaning every option is keyed correct (see verification summary)

B. Correct (as filed): per the official key ('Correct all'), B is equally correct

C. Correct (as filed): per the official key ('Correct all'), C is equally correct

D. Correct (as filed): per the official key ('Correct all'), D is equally correct

98 Computer

؟... Guided Media (.The Sindhi stem asks what Guided Media is also called)

- A. Bounded transmission media ✓ **Correct answer**
- B. Unbounded transmission media
- C. Wireless media
- D. Contact media

A. Correct: per the official Urdu key — guided media is bounded transmission media (signals travel along a physical path)

B. Wrong: unbounded transmission media is unguided media, not guided media

C. Wrong: wireless media is unguided, not guided media

D. Wrong: 'contact media' is not the standard name for guided media

Question 99 Computer

) ... (.The Sindhi stem asks which shortcut key (Shortcut key) is used for Paste (Paste))

؟... (Paste) ... (Shortcut key

- A. Ctrl + c
- B. Ctrl + v ✓ **Correct answer**
- C. Ctrl + x
- D. Ctrl + p

A. Wrong: Ctrl + C is the shortcut for Copy, not Paste

B. Correct: per the official Urdu key — Ctrl + V is the shortcut for Paste

C. Wrong: Ctrl + X is the shortcut for Cut, not Paste

D. Wrong: Ctrl + P is the shortcut for Print, not Paste

100 Computer

The Sindhi stem asks which model/diagram (Model/Diagram) is used to design a)

؟... (Database) ... (Model/Diagram) ... (.Database

- A. Entity Relationship Model ✓ **Correct answer**
- B. Conceptual Model
- C. Class Diagram
- D. Activity Model

A. Correct: per the official Urdu key — the Entity Relationship Model is used to design a database

B. Wrong: a conceptual model is a general design stage, not the keyed database design model

C. Wrong: a class diagram is used in object-oriented design, not to design a database

D. Wrong: an activity model describes workflow, not database design

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