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

Body: Sindh Testing Service (STS) · **Post:** Junior Elementary School Teacher (JEST, BPS-14), Paper-I · **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 (9 pp, image-only), via the testtiari.com post 'IBA 2021 PST JEST Past Papers' (accessed 9 Nov 2026). The official SIBA STS answer key is printed as the last page of the same PDF (p-9), '(Mother tongue: Sindhi)', headed 'TEST HELD ON MONDAY, SEPTEMBER 13, 2021', Q1–Q100. Q73, Q24 and Q29 corroborated independently.

Question 1 Sindhi

— (reading/studying) 'پورهٽي' From the Sindhi prose passage printed under Q1, about) the visible text says that throughout the world reading is regarded with great value, that reading means working with one's own hands, and that a person who reads is not dependent on others. The full passage text is dense and partly faint in the scan and is not .1 هي عبارت ڪهڙي صنف سان واسطو رکي (.quoted verbatim here. See the verification summary ٿي؟

Correct answer ✓ B. مضمون

C. حوالو

D. روندد

(کھاڻي) **A.** Wrong: the passage is not a story

(مضمون) **B.** Correct: per the official Sindhi key — the passage is an essay

(حوالو) **C.** Wrong: the passage is not a reference

(روندد) **D.** Wrong: the passage is not a report

Question 2 Sindhi

— (reading/studying) 'پورهڻي' From the Sindhi prose passage printed under Q1, about) the visible text says that throughout the world reading is regarded with great value, that reading means working with one's own hands, and that a person who reads is not dependent on others. The full passage text is dense and partly faint in the scan and is not .quoted verbatim here. See the verification summary) 2. هن عبارت مان حرف جر چونڊيو:

Correct answer ✓ A. ۾

B. ع

C. به

D. ته

(حرف جر) is a preposition (in) '۾' — **A.** Correct: per the official Sindhi key

is not the keyed preposition here 'ع' :**B.** Wrong

ved preposition here 'به' :**C.** Wrong

is not the keyed preposition here 'ته' :**D.** Wrong

Question 3 Sindhi

— (reading/studying) 'پورهڻي' From the Sindhi prose passage printed under Q1, about) the visible text says that throughout the world reading is regarded with great value, that reading means working with one's own hands, and that a person who reads is not dependent on others. The full passage text is dense and partly faint in the scan and is not quoted verbatim here. See the verification summary.) 3. هن عبارت جي آخري جملي ۾ لفظ 'به' استعمال ٿيل آهي، توهان اهو ٻڌايو ته اهو لفظ، ويڪرڻ جي اصولن موجب ڪهڙي حيثيت رکي ٿو؟

- A. حرف جر
- B. صفت
- C. ضمير ✓ **Correct answer**
- D. فعل

here (حرف جر) is not functioning as a preposition 'به' :**A.** Wrong

here (صفت) is not functioning as an adjective 'به' :**B.** Wrong

here (ضمير) functions as a pronoun 'به' **C.** Correct: per the official Sindhi key — the word

here (فعل) is not functioning as a verb 'به' :**D.** Wrong

Question 4 Sindhi

— (reading/studying) 'پورهڻي' From the Sindhi prose passage printed under Q1, about) the visible text says that throughout the world reading is regarded with great value, that

ans working with one's own hands, and that a person who reads is not dependent on others. The full passage text is dense and partly faint in the scan and is not quoted verbatim here. See the verification summary.) 4. هن عبارت جو پهريون جملو فعل جي ڪهڙي صورت کي ظاهر ڪري ٿو؟

A. فعل معطوفي

B. فعل مرڪب

C. فعل متعدي معروف

Correct answer ✓ D. فعل اکترڪ

A. Wrong: the first sentence does not use a compound verb of this type

B. Wrong: the first sentence does not use a compound verb of this type

C. Wrong: the first sentence does not use a transitive verb

D. Correct: per the official Sindhi key — the first sentence uses an intransitive verb (فعل اکترڪ)

Question 5 Sindhi

From the Sindhi prose passage printed under Q1, about) 'پورهٽي' (reading/studying) — the visible text says that throughout the world reading is regarded with great value, that reading means working with one's own hands, and that a person who reads is not dependent on others. The full passage text is dense and partly faint in the scan and is not quoted verbatim here. See the verification summary.) 5. مٿي ڏنل عبارت جو سيني کان وڌيڪ جتن پهلو ڪهڙو آهي؟

Correct answer ✓ A. سماجي قدر

B. اسلامي معلومات

.C

D. روزگار جا ذريعا

A. Correct: per the official Sindhi key — the passage's most prominent aspect is social value (سماجي قدر)

B. Wrong: the passage's most prominent aspect is not Islamic information

C. Wrong: the passage's most prominent aspect is not the keyed option C (best reading — see verification summary)

D. Wrong: the passage's most prominent aspect is not the means of livelihood

Question 6 Sindhi

— (وطن) From the Sindhi poem printed under Q6, a patriotic poem about the homeland) the visible couplets speak of making peace with our own, settling our homeland, the beauty of the green land, and the pain of the heart. The full poem text is faint in the scan and is not quoted verbatim here. See the verification summary.) 6. هن شاعري ۾ استعمال ٿيل لفظ 'سري' جا ڪي ظاهر ڪري ٿو؟

A. وقت جو سفر گذرڻ

Correct answer ✓ B. سند جو مشهور حصو

C. بهار ۽ سائوند جي مند

D. بنجاج جو زرخيز پاتی

A. Wrong: 'سري' does not show the passage of time here

B. Correct: per the official Sindhi key — 'سري' refers to a famous part of Sindh (سند جو مشهور حصو)

w the season of spring here 'سري' :**C.** Wrong

does not show the keyed option D (best reading — see verification 'سريي' :**D.** Wrong summary)

Question 7 Sindhi

— (وطن) From the Sindhi poem printed under Q6, a patriotic poem about the homeland) the visible couplets speak of making peace with our own, settling our homeland, the beauty of the green land, and the pain of the heart. The full poem text is faint in the scan .and is not quoted verbatim here. See the verification summary) 7. هن شاعري ۾ لکيل لفظ ... وياڪرڻ موجب ڪهڙي حيثيت رکي ٿو؟

- A. اسم
- B. طرف
- C. حرف جر
- D. صفت ✓ **Correct answer**

A. Wrong: the word is not functioning as a noun here

B. Wrong: the word is not functioning as the keyed option B here

C. Wrong: the word is not functioning as a preposition here

D. Correct: per the official Sindhi key — the word functions as an adjective (صفت); the word itself is faint in the scan and the answer rests on the key (see verification summary)

Question 8 Sindhi

— (وطن) From the Sindhi poem printed under Q6, a patriotic poem about the homeland) the visible couplets speak of making peace with our own, settling our homeland, the

e green land, and the pain of the heart. The full poem text is faint in the scan

هن شاعري جو مرڪزي خيال .8 (.and is not quoted verbatim here. See the verification summary

ٻڌايو:

A. ملڪ جي زراعت

Correct answer ✓ B. وطن جو نرانو

C. خوشي جو گيت

D. خوشحال سنڌ

A. Wrong: the central idea is not the country's agriculture

B. Correct: per the official Sindhi key — the poem's central idea is the keyed option B (best reading — see verification summary)

C. Wrong: the central idea is not a song of happiness

D. Wrong: the central idea is not prosperous Sindh

Question 9 Sindhi

— (وطن) From the Sindhi poem printed under Q6, a patriotic poem about the homeland) the visible couplets speak of making peace with our own, settling our homeland, the beauty of the green land, and the pain of the heart. The full poem text is faint in the scan

هن شاعري جي اما ڪهڙي ست .9 (.and is not quoted verbatim here. See the verification summary

آهي جيڪا عام ماڻهو کي حوصلو ڏين ۽ وڌيڪ مددگار ٿيندي؟

A. ست نمبر هي

B. ست نمبر پنجن

C. ست نمبر ستين

Correct answer ✓ D. ست نمبر اٺن

e keyed line is not this one

B. Wrong: the keyed line is not line number five

C. Wrong: the keyed line is not line number seven

the options are line ;(ست نمبر اڻن) **D.** Correct: per the official Sindhi key — line number eight

numbers, best readings (see verification summary)

Question 10 Sindhi

— (وطن) From the Sindhi poem printed under Q6, a patriotic poem about the homeland)

the visible couplets speak of making peace with our own, settling our homeland, the

beauty of the green land, and the pain of the heart. The full poem text is faint in the scan

هن شاعري ۾ استعمال ٿيل .10 (.and is not quoted verbatim here. See the verification summary

لفظ 'دردنهن' گرامر موجب چا آهي؟

Correct answer ✓ A. اسم

B. طرف

C. صفت

D. فعل

in grammar (اسم) is a noun 'دردنهن' — **A.** Correct: per the official Sindhi key

is not functioning as the keyed option B here 'دردنهن' :**B.** Wrong

is not functioning as an adjective here 'دردنهن' :**C.** Wrong

is not functioning as a verb here 'دردنهن' :**D.** Wrong

11 Sindhi

11. 'زور پنهه راندهون ڪتي ۽ انگ چٽھ' هن جوڙي موجب لفظ 'انگ' جي معنيٰ ٻڌايو:

A. نمر

B. طاقت

C. لجن ✓ **Correct answer**

D. عضو

A. Wrong: the keyed meaning of 'انگ' is not option A

B. Wrong: the keyed meaning of 'انگ' is not the keyed meaning of (strength) 'طاقت' here

C. Correct: per the official Sindhi key — the keyed meaning of 'انگ' is option C; the couplet and options are best readings (see verification summary) and the answer rests on the key

D. Wrong: the keyed meaning of 'انگ' is not the keyed meaning of (limb) 'عضو' here

Question 12 Sindhi

12. هيٺ ڏنل فقرو مان 'جوشي' چونڊيو:

A. ڪير ٿو وطن ڪري

B. جيتا اٿ پئدا لوڏا ✓ **Correct answer**

C. پهچل ڪي بي رات جو ستارو سلطان

D. مورند ڪان ڏاڪر وطن

A. Wrong: the keyed sentence is not A (enthusiastic) 'جوشي'

B. Correct: per the official Sindhi key — B is the keyed sentence; the stem and options are best readings from a tilted, blurry scan (see verification summary) and the answer rests on the key

sentence is not D 'جوشي' **D.** Wrong: the keyed

Question 13 Sindhi

13. هيٺ ڏنل جملن مان حرف ندا کي ظاهر ڪندڙ جملي جي چونڊ ڪريو:

Correct answer ✓ A. هوشو تون سپاهي شهر ويندين

B. تون ساڻي سياڻي تمام پري ويندين

C. غريب کي محنت ڪرتي پوي ٿي

D. ترم ڀاڙر مينهن وسڻ آهي

so it ,(... O) 'هوشو' **A.** Correct: per the official Sindhi key — A begins with the vocative call (حرف ندا) shows the vocative

B. Wrong: B is a statement, not a vocative

C. Wrong: C is a statement, not a vocative

D. Wrong: D is a statement, not a vocative

Question 14 Sindhi

14. هيلين مان اهڙي جملي جي چونڊ ڪريو جنهن ۾ ڪنهن به قسم جي ڪا غلطي موجود آهي:

A. ڪيميونٽي خط سلي ابياد آهي

B. پوليس وارا ويندا هئا

Correct answer ✓ C. پنهن درجي جا ٻار نندا هوندا آهن

D. توکان دروازو کليل رهجي ويو هوندو

A. Wrong: the keyed sentence with an error is not A

e keyed sentence with an error is not B

C. Correct: per the official Sindhi key — C is the keyed sentence with an error; the stem and options are best readings (see verification summary) and the answer rests on the key

D. Wrong: the keyed sentence with an error is not D

Question 15 Sindhi

15. هيلين مان فعل لڪرترڪ جو جملو چونڊيو:

A. گھورڙو ڊوڙي ٿو

B. عباس ستر پير آهي

Correct answer ✓ C. راجي مان آزار اچي پيو

D. مورن سب پڙهي ورتو هو

A. Wrong: the keyed sentence is C, not A — note that A ('the horse runs') also reads as intransitive in form; the answer rests on the key (see verification summary)

B. Wrong: the keyed sentence is C, not B

C. Correct: per the official Sindhi key — C is the keyed sentence; the stem's operative word is faint (see verification summary) and the answer rests on the key

D. Wrong: the keyed sentence is C, not D

Question 16 Sindhi

16. هيلين مان اهو جملو چونڊيو، جنهن ۾ اسم يا ضمير جي حالت جري هجي:

A. آسي محنت ڪئي ۽ ڪامياب ٿي وئي

B. پنجاب هڪ زرخيز صوبو آهي

Correct answer ✓ C. ڪي ماڻهو پنهنجي مهنن ڪلندا آهن

D. شاعري ڪرڻ

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

B. Wrong: the keyed sentence is C, not B (Punjab is a fertile province — a plain statement)

C. Correct: per the official Sindhi key — C is the keyed sentence, in which the noun or pronoun is in the oblique case; the stem and options are best readings (see verification summary) and the answer rests on the key

D. Wrong: the keyed sentence is C, not D (writing poetry is not easy work — a plain statement)

Question 17 Sindhi

17. 'جو آزمايل ڪي آزمائي، سر ڏور منهون ۾ پائي' هي فقرو پولي ۾ ڪهڙي حيثيت رکي ٿو؟

Correct answer ✓ A. بهادر

B. محاورو

C. ورجيس

D. اصطلاح

A. Correct: per the official Sindhi key — the phrase has the keyed status A (brave); the phrase and options are best readings (see verification summary) and the answer rests on the key

(محاورو) **B.** Wrong: the keyed status is A, not an idiom

C. Wrong: the keyed status is A, not option C

(اصطلاح) **D.** Wrong: the keyed status is A, not a term

18 Sindhi

18. هيٺ ڏنل جملن مان حرف ندا کي ظاهر ڪندڙ جملي جي چونڊ ڪريو:

- A. گھورڙن تيار گھٽو گاڏ ڪاڏو آهي
- B. احمد تنهنجي پين اسڪول وڃي آهي ✓ **Correct answer**
- C. ترجي داري شام جو نري ويندي آهي
- D. ان کي پھچون ڀاڙو پيت تي تيندو آهي

A. Wrong: the keyed vocative sentence is B, not A

B. Correct: per the official Sindhi key — B addresses Ahmed by name (a vocative), so it shows the vocative (حرف ندا); the stem is a best reading (see verification summary) and the answer rests on the key

C. Wrong: the keyed vocative sentence is B, not C

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

Question 19 Sindhi

19. هيلين مان اهڙي جملي جي چونڊ ڪريو جنهن ۾ ڪا غلطي موجود آهي:

- A. ڪيريو دل سڃي، سان خدمت وطن جي
- B. خجو ڪن ڪٿهين شڪايت وطن جي
- C. وڌايو انهن شان عزت وطن جي
- D. سڏائي ڪيو سھڻي، حالت وطن جي ✓ **Correct answer**

A. Wrong: the keyed sentence with an error is not A

B. Wrong: the keyed sentence with an error is not B

C. Wrong: the keyed sentence with an error is not C

er the official Sindhi key — D is the keyed sentence with an error; the stem and options are best readings (see verification summary) and the answer rests on the key

Question 20 Sindhi

20. هيلين مان فعل اکترڪ جو جملو چونڊيو:

A. بکري جري پيئي ته توڙ چري چئي

B. نفس ڪالهه ڪاڏو ويو هو

Correct answer ✓ C. مني مائي ڏاڍي وڏندي آهي

D. توکي ا...

A. Wrong: the keyed intransitive-verb sentence is C, not A

B. Wrong: the keyed intransitive-verb sentence is C, not B

C. Correct: per the official Sindhi key — C is the keyed sentence with an intransitive verb (فعل اکترڪ); the stem and options are best readings (see verification summary) and the answer rests on the key

D. Wrong: the keyed intransitive-verb sentence is C, not D (option D is cut off at the page edge)

Question 21 Social Studies

21. سندھ لوکل گورنمنٹ ایکٹ 2013 کے مطابق ... کو منتخب کرنے کے لیے کتنے ... ہیں؟

A. ایک سال

B. دو سال

Correct answer ✓ C. تین سال

D. چار سال

e keyed number is three, not one

B. Wrong: the keyed number is three, not two

the stem and options are best readings ;(تین) **C.** Correct: per the official Sindhi key — three

from a blurry, tilted scan (see verification summary) and the answer rests on the key

D. Wrong: the keyed number is three, not four

Question 22 Social Studies

22. جنرل ضیاء الحق کی شہری طاقتوں کی تحریک کو ...؟

A. خاتمہ

B. شناخت

C. دوران

Correct answer ✓ D. سوپیلر

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

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

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

D. Correct: per the official Sindhi key — D is the keyed answer; the stem and options are best readings from a blurry, tilted scan (see verification summary) and the answer rests on the key

Question 23 Social Studies

23. کون سا پہاڑ / چوٹی ...؟ (Kilimanjaro) ...؟

A. ماؤنٹ ایورسٹ

B. اشرف

swer ✓ C. اسد علی•

D. ان میں سے کوئی بھی نہیں•

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

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

C. Correct: per the official Sindhi key — C is the keyed answer; the stem is a best reading (Kilimanjaro is named in it) and the answer rests on the key

D. Wrong: the keyed answer is C, not 'none of these'

Question 24 Current Affairs

24. دی اکنامسٹ انٹیلیجنس یونٹ 2020 ...؟

A. مکمل جمہوریت•

B. ناقص جمہوریت•

Correct answer ✓ C. مخلوط حکومت•

D. آمرانہ حکومت•

A. Wrong: Pakistan was not classified as a full democracy in the EIU Democracy Index 2020

B. Wrong: Pakistan was not classified as a flawed democracy in the EIU Democracy Index 2020

C. Correct: per the official Sindhi key — Pakistan was classified as a hybrid regime in the EIU Democracy Index 2020 (مخلوط حکومت)

D. Wrong: Pakistan was not classified as an authoritarian regime in the EIU Democracy Index 2020

25. قرارداد پاکستان ...؟

Correct answer ✓ A. مولانا ظفر علی خان

B. لیاقت علی خان

C. مولوی فضل الحق

D. سکندر حیات خان

A. Correct: per the official Sindhi key — A 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 Liaquat Ali Khan

C. Wrong: the keyed answer is A, not Maulvi Fazlul Huq — note: if the stem asked who presented the Lahore Resolution, the historical answer would be Fazlul Huq; the key's A is filed as printed because the stem's exact wording cannot be read (see verification summary)

D. Wrong: the keyed answer is A, not Sikandar Hayat Khan

Question 26 Islamiat

26. حلال کمائی کی حلال خرچ کی عبادت کے بعد ... ہے؟

Correct answer ✓ A. روزہ / فرض

B. نماز / نفلی

C. ثواب / ثواب

D. امر / ایم

A. Correct: per the official Sindhi key — A is the keyed answer; the stem and options are best readings from a blurry scan (see verification summary) and the answer rests on the key

e 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 27 Islamiat

(the stem asks a fraction question — best reading; see verification summary) ؟... .27

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

A. Wrong: the keyed fraction is 5/2, not 2/3

B. Wrong: the keyed fraction is 5/2, not 3/2

C. Wrong: the keyed fraction is 5/2, not 4/2

D. Correct: per the official Sindhi key — 5/2 is the keyed fraction; the stem and fractions are best readings (see verification summary) and the answer rests on the key

Question 28 Islamiat

(best reading — see verification summary) ؟... 'الله تعالیٰ کی کتاب' ... .28

- A. 4/2
- B. 5/2 ✓ **Correct answer**
- C. 6/1
- D. 7/4

A. Wrong: the keyed fraction is 5/2, not 4/2

B. Correct: per the official Sindhi key — 5/2 is the keyed fraction; the stem and fractions

dings (see verification summary) and the answer rests on the key

C. Wrong: the keyed fraction is 5/2, not 6/1

D. Wrong: the keyed fraction is 5/2, not 7/4

Question 29 Islamiat

29. اللہ تعالیٰ نے قرآن پاک کس زبان میں نازل فرمایا؟

- A. عربی ✓ **Correct answer**
- B. اردو
- C. فارسی
- D. بنگالی

A. Correct: per the official Sindhi key and the fact — the Holy Quran was revealed in Arabic (عربی); the options are best readings from a blurry scan (see verification summary)

B. Wrong: the Quran was not revealed in Urdu

C. Wrong: the Quran was not revealed in Persian

D. Wrong: the Quran was not revealed in Bengali

Question 30 Islamiat

30. ... 'مستند کتاب' ...؟ (best reading — see verification summary)

- A. 3/2 ✓ **Correct answer**
- B. 4/2
- C. 5/2
- D. 6/1

A. Correct: per the official Sindhi key — 3/2 is the keyed fraction; the stem and fractions

dings (see verification summary) and the answer rests on the key

B. Wrong: the keyed fraction is 3/2, not 4/2

C. Wrong: the keyed fraction is 3/2, not 5/2

D. Wrong: the keyed fraction is 3/2, not 6/1

Question 31 English

(From the English passage printed under Q31, about a teacher: 'The first and most important quality of a teacher is that he or she loves and appreciates the profession. He must prefer the welfare and progress of the students and keep their interests in the first place. He or she has an awe and respect for the human beings, he or she deals with, since God's law is inscribed upon their hearts. The teachers speak of the wonders of nature with reverence since they have come into being by divine decree. They ponder over the sacred writings, which tell us the meaning of life and the way to live it fully. No other work could please them better.') 31. Underlined word "teacher" appearing in the first sentence of the paragraph is _____ by gender.

- A. male
- B. female
- C. common ✓ **Correct answer**
- D. neuter

A. Wrong: 'teacher' is not a masculine-gender noun

B. Wrong: 'teacher' is not a feminine-gender noun

C. Correct: per the official Sindhi key — 'teacher' is a common-gender noun (it can be male or female)

D. Wrong: 'teacher' is not a neuter-gender noun

32 English

32. There is/are _____ main quality/ qualities of a teacher mentioned in the paragraph.

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

A. Correct: per the official Sindhi key — the paragraph names one main quality: that the teacher loves and appreciates the profession

B. Wrong: the paragraph does not name two main qualities

C. Wrong: the paragraph does not name three main qualities

D. Wrong: the paragraph does not name four main qualities

Question 33 English

33. The paragraph informs the readers mainly about _____ of teachers.

- A. qualities
- B. responsibilities ✓ **Correct answer**
- C. knowledge
- D. honour

A. Wrong: the keyed focus is responsibilities, not qualities (the passage frames what a teacher must do)

B. Correct: per the official Sindhi key — the paragraph informs mainly about the responsibilities of teachers (loving the profession, putting students first, respecting human beings, pondering the sacred writings)

C. Wrong: the keyed focus is responsibilities, not knowledge

D. Wrong: the keyed focus is responsibilities, not honour

34 English

34. Some of the words used in the paragraph are _____.

- A. Homonyms (words spelt like other words but have different meanings)
- B. Homophones (words with the same pronunciation) of one another
- C. Synonyms (words with the same or nearly the same meaning of one another) ✓ **Correct answer**
- D. Antonyms (words that mean the opposite of other words) of one other

A. Wrong: the paragraph's paired words are not homonyms

B. Wrong: the paragraph's paired words are not homophones

C. Correct: per the official Sindhi key — the paragraph uses synonyms (paired near-same words such as 'loves and appreciates', 'awe and respect', 'welfare and progress')

D. Wrong: the paragraph's paired words are not antonyms

Question 35 English

35. The underlined word "since" means _____.

- A. for
- B. however
- C. therefore
- D. because ✓ **Correct answer**

A. Wrong: 'since' does not mean 'for' here

B. Wrong: 'since' does not mean 'however' here

C. Wrong: 'since' does not mean 'therefore' here

D. Correct: per the official Sindhi key — in 'since God's law is inscribed upon their hearts', 'since' means 'because'

36 English

36. He would mingle with the common people. (The underlined word is 'mingle'.)

- A. To see and sit
- B. to love and help
- C. to meet and talk ✓ **Correct answer**
- D. to know and befriend

A. Wrong: 'mingle' does not mean 'to see and sit'

B. Wrong: 'mingle' does not mean 'to love and help'

C. Correct: per the official Sindhi key — 'mingle' means to meet and talk (to mix with people)

D. Wrong: 'mingle' does not mean 'to know and befriend'

Question 37 English

37. One of them was well-dressed and appeared to be a well-to-do respectable citizen. (The underlined words are 'well-to-do'.)

- A. royal
- B. well off ✓ **Correct answer**
- C. influential
- D. gentleman

A. Wrong: 'well-to-do' does not mean 'royal'

B. Correct: per the official Sindhi key — 'well-to-do' means well off (rich)

C. Wrong: 'well-to-do' does not mean 'influential'

D. Wrong: 'well-to-do' does not mean 'gentleman'

38 English

38. Word "Akhund" comes from a Persian word "Khandan" which means "to read". (The underlined word is 'comes'.)

- A. happens
- B. becomes
- C. appears
- D. originates ✓ **Correct answer**

A. Wrong: 'comes from' does not mean 'happens'

B. Wrong: 'comes from' does not mean 'becomes'

C. Wrong: 'comes from' does not mean 'appears'

D. Correct: per the official Sindhi key — 'comes from' means 'originates'

Question 39 English

39. The Headmaster had allowed them a day's outing and they were to go by the school bus. (The underlined word is 'outing'.)

- A. picnic
- B. party
- C. excursion ✓ **Correct answer**
- D. sight-seeing

A. Wrong: an 'outing' is not necessarily a picnic

B. Wrong: an 'outing' is not a party

C. Correct: per the official Sindhi key — an 'outing' is an excursion (a short trip)

D. Wrong: an 'outing' is not sight-seeing

40 English

40. The King helped the needy and the poor. (The underlined word is 'needy'.)

- A. the destitute ✓ **Correct answer**
- B. the helpless
- C. the downtrodden
- D. the victims

A. Correct: per the official Sindhi key — 'the needy' means the destitute (those without enough to live on)

B. Wrong: 'the needy' is not 'the helpless' here

C. Wrong: 'the needy' is not 'the downtrodden' here

D. Wrong: 'the needy' is not 'the victims' here

Question 41 English

41. The central part of Pakistan consists of the fertile green plains of the Punjab and Sindh. (The underlined word is 'fertile'.)

- A. arid
- B. barren ✓ **Correct answer**
- C. deserted
- D. saline

A. Wrong: 'arid' (dry) is a near-opposite of 'fertile', but the keyed antonym is B

B. Correct: per the official Sindhi key — the antonym of 'fertile' is 'barren'

C. Wrong: 'deserted' (abandoned) is not the antonym of 'fertile'

D. Wrong: 'saline' (salty) is not the antonym of 'fertile'

42 English

42. A good summary is a generally one-third of the length of that of the original passage. (The underlined word is 'original'.)

- A. duplicate ✓ **Correct answer**
- B. copy
- C. replica
- D. sample

A. Correct: per the official Sindhi key — the antonym of 'original' is 'duplicate'

B. Wrong: 'copy' is a near-antonym of 'original', but the keyed antonym is A

C. Wrong: 'replica' is not the keyed antonym of 'original'

D. Wrong: 'sample' is not the antonym of 'original'

Question 43 English

43. Qaisara, her dearest and closest friend, was to help her with the arrangements. (The underlined word is 'closest'.)

- A. farthest
- B. remotest
- C. distant ✓ **Correct answer**
- D. stranger

A. Wrong: 'farthest' is a near-antonym of 'closest', but the keyed antonym is C

B. Wrong: 'remotest' is a near-antonym of 'closest', but the keyed antonym is C

C. Correct: per the official Sindhi key — the antonym of 'closest' is 'distant'

D. Wrong: 'stranger' is not the antonym of 'closest'

44 English

44. "No chains shall sully thee, / Thou soul of love and bravery!" (The underlined word is 'bravery'.)

- A. weakness
- B. frailty
- C. fall
- D. cowardice ✓ **Correct answer**

A. Wrong: 'weakness' is a near-antonym of 'bravery', but the keyed antonym is D

B. Wrong: 'frailty' is a near-antonym of 'bravery', but the keyed antonym is D

C. Wrong: 'fall' is not the antonym of 'bravery'

D. Correct: per the official Sindhi key — the antonym of 'bravery' is 'cowardice'

Question 45 English

45. A shot is hardly ever fired from them now. (The underlined word is 'hardly'.)

- A. mostly
- B. softly
- C. often ✓ **Correct answer**
- D. sometimes

A. Wrong: 'mostly' is not the antonym of 'hardly ever'

B. Wrong: 'softly' is not the antonym of 'hardly'

C. Correct: per the official Sindhi key — the antonym of 'hardly ever' is 'often'

D. Wrong: 'sometimes' is not the antonym of 'hardly ever'

46 English

46. Their mother had died _____ their childhood.

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

A. Wrong: the keyed preposition is 'in', not 'during'

B. Correct: per the official Sindhi key — 'died in their childhood' is the keyed preposition

C. Wrong: 'about' does not fit 'died _____ their childhood'

D. Wrong: 'with' does not fit 'died _____ their childhood'

Question 47 English

47. She was the youngest _____ eleven children.

- A. of ✓ **Correct answer**
- B. in
- C. among
- D. from

A. Correct: per the official Sindhi key — 'the youngest of eleven children' is the idiom

B. Wrong: 'in' does not fit 'the youngest _____ eleven children'

C. Wrong: 'among' does not fit 'the youngest _____ eleven children' (the superlative takes 'of')

D. Wrong: 'from' does not fit 'the youngest _____ eleven children'

48 English

48. The fruit of cocoa tree yields beans which are ground _____ powder _____ which chocolate is made.

- A. in, by
- B. with, from
- C. into, with
- D. into, from ✓ **Correct answer**

A. Wrong: 'ground in powder by which' is not the idiom

B. Wrong: 'ground with powder from which' is not the idiom

C. Wrong: 'ground into powder with which' is not the idiom

D. Correct: per the official Sindhi key — beans are 'ground into powder, from which chocolate is made'

Question 49 English

49. He was lawyer _____ profession, but spent more time _____ literature.

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

A. Wrong: 'lawyer in profession' is not the idiom

B. Wrong: 'lawyer with profession' is not the idiom

C. Correct: per the official Sindhi key — 'lawyer by profession' and 'spent more time on literature'

D. Wrong: 'lawyer for profession' is not the idiom

50 English

50. We have run out _____ groceries and provisions.

- A. from
- B. of ✓ **Correct answer**
- C. with
- D. in

A. Wrong: 'run out from' is not the idiom

B. Correct: per the official Sindhi key — 'run out of' is the idiom

C. Wrong: 'run out with' is not the idiom

D. Wrong: 'run out in' is not the idiom

Question 51 Mathematics

51. The value of $3 \times 10^1 + 4 \times 10^0$ is equal to:

- A. 0.34
- B. 3.4
- C. 34 ✓ **Correct answer**
- D. 340

A. Wrong: $3 \times 10 + 4 \times 1$ is not 0.34

B. Wrong: $3 \times 10 + 4 \times 1$ is not 3.4

C. Correct: per the official Sindhi key — $3 \times 10^1 + 4 \times 10^0 = 30 + 4 = 34$ (the first exponent reads as 1; if it were 2 the value would be 304, which is not among the options — see verification summary)

D. Wrong: $3 \times 10 + 4 \times 1$ is not 340

52 Mathematics

52. In PQ̄, the right bisector passes through its:

- A. End point
- B. Mid-point ✓ **Correct answer**
- C. Point P
- D. Point Q

A. Wrong: the right (perpendicular) bisector does not pass through an end point

B. Correct: per the official Sindhi key — the right bisector of a segment passes through its mid-point

C. Wrong: the right bisector does not pass through point P

D. Wrong: the right bisector does not pass through point Q

Question 53 Mathematics

53. Two angles that have common vertex, a common arm and no point and in their interiors known as _____.

- A. Obtuse angles
- B. Adjacent angles ✓ **Correct answer**
- C. Right angles
- D. Reflex angles

A. Wrong: two angles with a common vertex and arm are not obtuse angles

B. Correct: per the official Sindhi key — two angles with a common vertex, a common arm and no common interior point are adjacent angles

C. Wrong: two angles with a common vertex and arm are not right angles

D. Wrong: two angles with a common vertex and arm are not reflex angles

54. If +5 means profit of Rs. 5, then −5 means

- A. Loss of Rs. 5 ✓ **Correct answer**
- B. Purchase of Rs. 5
- C. Sale of Rs. 5
- D. Discount of Rs. 5

A. Correct: per the official Sindhi key — if +5 is a profit of Rs. 5, then −5 is a loss of Rs. 5

B. Wrong: −5 does not mean a purchase of Rs. 5

C. Wrong: −5 does not mean a sale of Rs. 5

D. Wrong: −5 does not mean a discount of Rs. 5

Question 55 Mathematics

55. Let A and B be two sets and if n(A) = 3 and n(B) = 4 then n(A×B) = _____

- A. 12 ✓ **Correct answer**
- B. 3
- C. 4
- D. 0

A. Correct: per the official Sindhi key — n(A×B) = n(A) × n(B) = 3 × 4 = 12

B. Wrong: n(A×B) is not 3

C. Wrong: n(A×B) is not 4

D. Wrong: n(A×B) is not 0

Question 56 Mathematics

56. In which quadrant P (2, −3) lies _____

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

A. Wrong: (2, −3) has a negative y, so it is not in the 1st quadrant

B. Wrong: (2, −3) has a positive x, so it is not in the 2nd quadrant

C. Wrong: (2, −3) has a positive x, so it is not in the 3rd quadrant

D. Correct: per the official Sindhi key — (2, −3) has x positive and y negative, so it lies in the 4th quadrant

Question 57 Mathematics

57. If $a + b = 2$ and $a - b = 2$ then value of $a^2 + b^2$ is _____

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

A. Wrong: $a^2 + b^2$ is not 2

B. Wrong: $a^2 + b^2$ is not 3/2

C. Wrong: $a^2 + b^2$ is not −1

D. Correct: per the official Sindhi key — adding the equations gives $2a = 4$, so $a = 2$ and $b = 0$, and $a^2 + b^2 = 4$

Question 58 Mathematics

58. $a^2 - b^2$ = _____

- A. $(a - b)^2$

b)

- C. (a − b)(a + b) ✓ **Correct answer**
- D. $(a + 2b)^2$

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

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

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

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

Question 59 Mathematics

59. The polynomial expression $x^2 + 7x + 3$ w.r.t the terms is called:

- A. Binomial
- B. Trinomial ✓ **Correct answer**
- C. Monomial
- D. Decimal

A. Wrong: $x^2 + 7x + 3$ has three terms, so it is not a binomial

B. Correct: per the official Sindhi key — $x^2 + 7x + 3$ has three terms, so it is a trinomial

C. Wrong: $x^2 + 7x + 3$ has three terms, so it is not a monomial

D. Wrong: $x^2 + 7x + 3$ is not a decimal

Question 60 Mathematics

60. $(3a - 2b)^2 = 9a^2 -$ _____ $+ 4b^2$

- A. −6ab
- B. 6ab
- C. −12ab
- D. 12ab ✓ **Correct answer**

a − 2b)² = 9a² − 12ab + 4b², so the blank is not −6ab

B. Wrong: the blank is not 6ab

C. Wrong: the blank is not −12ab (the minus sign is already in the expression)

D. Correct: per the official Sindhi key — $(3a - 2b)^2 = 9a^2 - 12ab + 4b^2$, so the blank is 12ab

Question 61 Mathematics

61. $x^2 - xy + y^2$ when $x = -2$, $y = 2$ value of expression is:

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

A. Correct: per the official Sindhi key — $(-2)^2 - (-2)(2) + 2^2 = 4 + 4 + 4 = 12$

B. Wrong: the value is not −12

C. Wrong: the value is not 13

D. Wrong: the value is not −13

Question 62 Mathematics

62. $(\sqrt{x} + \sqrt{y})(\sqrt{x} - \sqrt{y})$ = _____

- A. $(\sqrt{x} + \sqrt{y})^2$
- B. $(\sqrt{x} - \sqrt{y})^2$
- C. $(\sqrt{x} - \sqrt{y})$
- D. x − y ✓ **Correct answer**

A. Wrong: $(\sqrt{x} + \sqrt{y})(\sqrt{x} - \sqrt{y})$ is not $(\sqrt{x} + \sqrt{y})^2$

B. Wrong: $(\sqrt{x} + \sqrt{y})(\sqrt{x} - \sqrt{y})$ is not $(\sqrt{x} - \sqrt{y})^2$

x + √y)(√x − √y) is not (√x − √y)

D. Correct: per the official Sindhi key — (√x + √y)(√x − √y) = x − y (difference of squares)

Question 63 Mathematics

63. Log_a (m × n) = _____

- A. Log_a m + Log_a n ✓ **Correct answer**
- B. Log_a m − Log_a n
- C. Log_a (m + n)
- D. Log_a (m − n)

A. Correct: per the official Sindhi key — Log_a (m × n) = Log_a m + Log_a n (the product rule for logarithms)

B. Wrong: Log_a (m × n) is not Log_a m − Log_a n

C. Wrong: Log_a (m × n) is not Log_a (m + n)

D. Wrong: Log_a (m × n) is not Log_a (m − n)

Question 64 Mathematics

64. If (x − 2)(x + 3) = 0 then x = _____

- A. −2, −3
- B. 2, 3
- C. 2, −3 ✓ **Correct answer**
- D. −2, 3

A. Wrong: (x − 2)(x + 3) = 0 gives x = 2 or x = −3, not −2 and −3

B. Wrong: (x − 2)(x + 3) = 0 gives x = 2 or x = −3, not 2 and 3

C. Correct: per the official Sindhi key — (x − 2)(x + 3) = 0 gives x = 2 or x = −3

−2)(x + 3) = 0 gives x = 2 or x = −3, not −2 and 3

Question 65 Mathematics

65. Which of the following proportions is correct if 12 = pq?

- A. 2 : p = 6 : q
- B. 4 : p = 3 : q
- C. 6 : p = 2 : q
- D. 4 : q = p : 3 ✓ **Correct answer**

A. Wrong: 2 : p = 6 : q gives 2q = 6p, not 12 = pq

B. Wrong: 4 : p = 3 : q gives 4q = 3p, not 12 = pq

C. Wrong: 6 : p = 2 : q gives 6q = 2p, not 12 = pq

D. Correct: per the official Sindhi key — 4 : q = p : 3 gives 4 × 3 = p × q, i.e. 12 = pq

Question 66 Mathematics

66. The L.C.M of $a^2 - b^2$ and $a^4 - b^4$ is _____

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

A. Wrong: $a^2 - b^2$ is a factor of $a^4 - b^4$, not their LCM

B. Wrong: $a^2 + b^2$ is a factor of $a^4 - b^4$, not their LCM

C. Correct: per the official Sindhi key — $a^4 - b^4 = (a^2 - b^2)(a^2 + b^2)$, so the LCM of $a^2 - b^2$ and $a^4 - b^4$ is $a^4 - b^4$

D. Wrong: $a^4 + b^4$ is not the LCM

67 Mathematics

67. Matrices was introduced by _____

- A. Newton
- B. Alberoni
- C. Arther Kelly ✓ **Correct answer**
- D. Abel

A. Wrong: Newton did not introduce matrices

B. Wrong: Alberoni did not introduce matrices

C. Correct: per the official Sindhi key — matrices were introduced by Arthur Cayley (printed 'Arther Kelly')

D. Wrong: Abel did not introduce matrices

Question 68 Mathematics

68. If AB = BA then matrices are _____ commutative to each other

- A. Additive
- B. Multiplicative ✓ **Correct answer**
- C. subtractive
- D. Singular

A. Wrong: AB = BA is not additive commutativity

B. Correct: per the official Sindhi key — AB = BA means the matrices are multiplicatively commutative

C. Wrong: AB = BA is not subtractive commutativity

D. Wrong: AB = BA does not make the matrices singular

69 Mathematics

69. If $y \propto x$ and $x = 5$, $y = 210$ and $x = 2$, then find y:

- A. 200
- B. 84 ✓ **Correct answer**
- C. 99
- D. 70

A. Wrong: y is not 200 when x = 2

B. Correct: per the official Sindhi key — y = kx, and k = 210 ÷ 5 = 42, so when x = 2, y = 42 × 2 = 84

C. Wrong: y is not 99 when x = 2

D. Wrong: y is not 70 when x = 2

Question 70 Mathematics

70. 120 copies of a book cost Rs 600. What will be 400 copies' cost?

- A. Rs 1000
- B. Rs 2000 ✓ **Correct answer**
- C. Rs 3000
- D. Rs 2400

A. Wrong: 400 copies do not cost Rs 1000

B. Correct: per the official Sindhi key — one copy costs 600 ÷ 120 = Rs 5, so 400 copies cost 400 × 5 = Rs 2000

C. Wrong: 400 copies do not cost Rs 3000

D. Wrong: 400 copies do not cost Rs 2400

71 Science

71. Why does a piece of bread become wet when chewed in _____ and it tastes sweet?

- A. Mouth
- B. Stomach
- C. Intestine
- D. Tongue ✓ **Correct answer**

A. Wrong: the keyed answer is D, not the mouth — see the verification summary note on this item

B. Wrong: bread is not chewed in the stomach

C. Wrong: bread is not chewed in the intestine

D. Correct: per the official Sindhi key — D (Tongue) is filed as printed; the item conflates the chewing location (the mouth) with the taste (detected by the tongue's taste buds), and the key's D is filed because the 'tastes sweet' clause points to the tongue (see verification summary)

Question 72 Science

72. Which is secreted by the liver and stored in the gallbladder?

- A. Saliva
- B. Gastric juice
- C. Bile ✓ **Correct answer**
- D. Pancreatic juice

A. Wrong: saliva is secreted by the salivary glands, not the liver

B. Wrong: gastric juice is secreted by the stomach, not the liver

C. Correct: per the official Sindhi key — bile is secreted by the liver and stored in the gallbladder

ancreatic juice is secreted by the pancreas, not the liver

Question 73 Science

73. Where chemical digestion of proteins start?

- A. Mouth
- B. Esophagus
- C. Stomach ✓ **Correct answer**
- D. Small intestine

A. Wrong: chemical digestion of proteins does not start in the mouth — saliva has no protease (see the key-correction note in the verification summary)

B. Wrong: chemical digestion of proteins does not start in the esophagus

C. Correct: PRINTED-KEY CORRECTION — chemical digestion of proteins starts in the stomach, where HCl and pepsin break proteins into smaller polypeptides (LibreTexts, 'Digestion of Proteins'; OpenStax, Anatomy and Physiology 2e §23.7; Pearson — 'Protein digestion does not begin in the mouth with saliva'); the official key's A (Mouth) is corrected to C under the owner's 8 Nov 2026 delegation, with this cited evidence

D. Wrong: chemical digestion of proteins is completed in the small intestine, but it does not start there

Question 74 Science

74. Fertilizers are used to fill _____ requirements of plants.

- A. Reproductive
- B. Nutritional ✓ **Correct answer**
- C. Circulation
- D. Transportation

A. Wrong: fertilizers do not fill reproductive requirements

per the official Sindhi key — fertilizers fill the nutritional requirements of plants

C. Wrong: fertilizers do not fill circulation requirements

D. Wrong: fertilizers do not fill transportation requirements

Question 75 Science

75. The study of insects is called

- A. Immunology
- B. Morphology
- C. Pharmacology
- D. Entomology ✓ **Correct answer**

A. Wrong: immunology is the study of immunity, not insects

B. Wrong: morphology is the study of form, not insects

C. Wrong: pharmacology is the study of drugs, not insects

D. Correct: per the official Sindhi key — the study of insects is called entomology

Question 76 Science

76. Cyanobacteria is also known as

- A. Blue-green algae ✓ **Correct answer**
- B. Yellow-green algae
- C. Brown-algae
- D. Red-algae

A. Correct: per the official Sindhi key — cyanobacteria are also known as blue-green algae

B. Wrong: cyanobacteria are not yellow-green algae

C. Wrong: cyanobacteria are not brown algae

anobacteria are not red algae

Question 77 Science

77. Periods in the periodic table are

- A. Horizontal rows ✓ **Correct answer**
- B. Vertical rows
- C. Both A and B
- D. Family

A. Correct: per the official Sindhi key — periods in the periodic table are the horizontal rows

B. Wrong: the vertical rows are groups, not periods

C. Wrong: periods are only the horizontal rows, not both

D. Wrong: a family is a group, not a period

Question 78 Science

78. Which System is responsible to communicate and coordinate for the body functions?

- A. Skeletal system
- B. Nervous System ✓ **Correct answer**
- C. Respiratory system
- D. Digestive System

A. Wrong: the skeletal system supports the body, it does not communicate and coordinate body functions

B. Correct: per the official Sindhi key — the nervous system communicates and coordinates body functions

C. Wrong: the respiratory system exchanges gases, it does not communicate and

ody functions

D. Wrong: the digestive system digests food, it does not communicate and coordinate body functions

Question 79 Science

79. The Branch of Science dealing with use of living things such as microorganisms, animal cells and plants cells etc to produce useful products for humans is called

- A. Biotechnology ✓ **Correct answer**
- B. Chemistry
- C. Physics
- D. Astronomy

A. Correct: per the official Sindhi key — using living things to produce useful products is biotechnology

B. Wrong: chemistry is the study of matter, not the use of living things to make products

C. Wrong: physics is the study of matter and energy, not the use of living things to make products

D. Wrong: astronomy is the study of celestial bodies, not the use of living things to make products

Question 80 Science

80. The Deoxyribonucleic acid is abbreviated as

- A. RNA
- B. DNA ✓ **Correct answer**
- C. NDA
- D. DAC

A. Wrong: RNA is ribonucleic acid, not deoxyribonucleic acid

er the official Sindhi key — deoxyribonucleic acid is abbreviated DNA

C. Wrong: NDA is not the abbreviation of deoxyribonucleic acid

D. Wrong: DAC is not the abbreviation of deoxyribonucleic acid

Question 81 Science

81. An optic piece of curved transparent glass that refracts the light in specific way is called

- A. Fiber
- B. Lens ✓ **Correct answer**
- C. Sparkle
- D. Plastic

A. Wrong: a fiber is not a curved piece of glass that refracts light in a specific way

B. Correct: per the official Sindhi key — a curved transparent piece of glass that refracts light is a lens

C. Wrong: a sparkle is a flash of light, not a piece of curved glass

D. Wrong: plastic is a material, not a curved piece of glass that refracts light

Question 82 Science

82. A truck has tyres of area 3 m^2. It puts a pressure of 4000 N/ m^2 on the road. What is the weight of truck? (hint : weight = Force)

- A. 12000 N ✓ **Correct answer**
- B. 6000N
- C. 8000N
- D. 9000N

A. Correct: per the official Sindhi key — Force = Pressure × Area = 4000 × 3 = 12000 N, and

B. Wrong: the weight is not 6000 N

C. Wrong: the weight is not 8000 N

D. Wrong: the weight is not 9000 N

Question 83 Science

83. If the container of enclosed gas heated, what will happen inside the container?

- A. Pressure will be increased ✓ **Correct answer**
- B. Pressure will be decreased
- C. Gas will be condensed to liquid
- D. None of the above

A. Correct: per the official Sindhi key — heating an enclosed gas increases its pressure (the molecules move faster and hit the walls harder)

B. Wrong: heating an enclosed gas does not decrease its pressure

C. Wrong: heating a gas does not condense it to liquid

D. Wrong: heating an enclosed gas does increase its pressure, so 'none of the above' is wrong

Question 84 Science

84. If an enclosed gas container with moveable piston is heated. What will happen?

- A. Volume will be decreased
- B. Gas molecule will be solidified
- C. No effect at all.
- D. Volume will be increased ✓ **Correct answer**

A. Wrong: heating a gas with a moveable piston does not decrease its volume

heating a gas does not solidify its molecules

C. Wrong: heating a gas with a moveable piston does have an effect

D. Correct: per the official Sindhi key — heating a gas with a moveable piston increases its volume (the piston moves out)

Question 85 Science

85. What is relation between Volume of a gas and Pressure?

- A. Directly Proportional
- B. Inversely Proportional ✓ **Correct answer**
- C. Independent of each other.
- D. Equal to pressure

A. Wrong: volume and pressure are not directly proportional

B. Correct: per the official Sindhi key — at constant temperature, volume and pressure are inversely proportional (Boyle's law)

C. Wrong: volume and pressure are not independent of each other

D. Wrong: volume is not equal to pressure

Question 86 Science

86. MRI or CT scan resulted from the image exploration of

- A. Saturn
- B. Moon ✓ **Correct answer**
- C. Sun
- D. Jupiter

A. Wrong: the keyed answer is the Moon, not Saturn

B. Correct: per the official Sindhi key — MRI/CT imaging technology is a spinoff of the

ration of the Moon (the space programme's imaging work)

C. Wrong: the keyed answer is the Moon, not the Sun

D. Wrong: the keyed answer is the Moon, not Jupiter

Question 87 Science

87. Global Positioning System (GPS) comprises of how many satellites?

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

A. Wrong: the GPS constellation has more than 15 satellites

B. Wrong: the GPS constellation has more than 20 satellites

C. Correct: per the official Sindhi key — the GPS constellation comprises more than 30 satellites (24 operational plus spares, about 31 in orbit)

D. Wrong: the GPS constellation has far more than 10 satellites

Question 88 Science

88. Momentum = _____ × Velocity

- A. Mass ✓ **Correct answer**
- B. Volume
- C. Distance
- D. Time

A. Correct: per the official Sindhi key — momentum = mass × velocity

B. Wrong: momentum is not volume × velocity

momentum is not distance × velocity

D. Wrong: momentum is not time × velocity

Question 89 Science

89. A body is said to be in _____ if it changes its position with respect to its surroundings

- A. Unchanged
- B. Rest
- C. Motion ✓ **Correct answer**
- D. Stationary

A. Wrong: a body that changes its position is not unchanged

B. Wrong: a body that changes its position is not at rest

C. Correct: per the official Sindhi key — a body that changes its position with respect to its surroundings is in motion

D. Wrong: a body that changes its position is not stationary

Question 90 Science

90. Force per unit area is called

- A. Kinetic Energy
- B. Potential Energy
- C. Volume
- D. Pressure ✓ **Correct answer**

A. Wrong: force per unit area is not kinetic energy

B. Wrong: force per unit area is not potential energy

C. Wrong: force per unit area is not volume

er the official Sindhi key — force per unit area is called pressure

Question 91 Computer

The Sindhi stem asks: DEC VAX and IBM AS/400 are good examples of which of the following? (DEC VAX اور IBM AS/400 مندرجہ ذیل میں سے کس کی اچھی مثال ہے۔؟)

A. Mainframe Computer / مین فریم کمپیوٹر•

Correct answer ✓ B. Mini Computer / منی کمپیوٹر•

C. Super Computer / سپر کمپیوٹر•

D. Micro Computer / مائیکرو کمپیوٹر•

A. Wrong: DEC VAX and IBM AS/400 are not mainframe computers

B. Correct: per the official Sindhi key — DEC VAX and IBM AS/400 are minicomputers; option B is filed as 'Mini Computer' (best reading — see verification summary) and the answer rests on the key + the fact

C. Wrong: DEC VAX and IBM AS/400 are not super computers

D. Wrong: DEC VAX and IBM AS/400 are not micro computers

Question 92 Computer

The Sindhi stem asks: what was the reason for the low cost during the third generation of computers? (کمپیوٹر کی تیسری جنریشن کے دوران کم قیمت پر ڈیلے کا کیا سبب تھا۔؟)

Correct answer ✓ A. (ICs) Integrated circuits / (ICs) Integrated circuits کا استعمال•

B. Vacuum tubes / ویکیوم ٹیوبس کا استعمال

C. Keyboard / کی بورڈ کا استعمال•

D. Punch cards / پنچ کارڈ کا استعمال•

er the official Sindhi key — the third generation used integrated circuits (ICs), which lowered the cost of computers

B. Wrong: vacuum tubes belong to the first generation, not the third

C. Wrong: the keyboard did not lower the cost of third-generation computers

D. Wrong: punch cards belong to earlier generations, not the third

Question 93 Computer

The Sindhi stem asks: the Humanoid robot is an example of which computer)

ہیومنائڈ (Humanoid) روبوٹ کس کمپیوٹر جنریشن کی مثال ہے۔؟ (?generation

- A. First generation / پہلی جنریشن
- B. Third generation / تیسری جنریشن
- C. Fourth generation / چوتھی جنریشن

Correct answer ✓ D. Fifth generation / پانچویں جنریشن

A. Wrong: humanoid robots are not first-generation computers

B. Wrong: humanoid robots are not third-generation computers

C. Wrong: humanoid robots are not fourth-generation computers

D. Correct: per the official Sindhi key — humanoid robots (artificial intelligence) are fifth-generation computers

Question 94 Computer

The Sindhi stem asks: which is the means by which a customer's money transfer can be)

وہ کون سا ذریعہ ہے جس سے گاہک (Customer) کی رقم کی منتقلی کو محفوظ بنایا جا سکتا ہے۔؟ (?made secure

نیٹ ورک ایڈمنسٹریشن / A. Network Administration•

سافٹ ویئر انجینئرنگ / B. Software Engineering•

Correct answer ✓ انفارمیشن سیکیورٹی / انکرپشن / C. Information Security/Encryption•

کمپیوٹر ہیکنگ / D. Computer Hacking•

A. Wrong: network administration does not secure a money transfer

B. Wrong: software engineering does not secure a money transfer

C. Correct: per the official Sindhi key — information security / encryption secures a customer's money transfer

D. Wrong: computer hacking threatens a money transfer, it does not secure it

Question 95 Computer

The Sindhi stem asks: which internal memory of the computer is used to process and store data?) کمپیوٹر کی وہ کون سی اندرونی یادداشت (Memory) ہے جو ڈیٹا کو پروسیس کرنے اور رکھنے کیلئے استعمال ہوتی ہے۔؟

بس / A. Bus•

یو ایس بی / B. USB•

Correct answer ✓ ریم / C. RAM•

رجسٹر / D. Register•

A. Wrong: a bus carries data, it is not the internal memory used to process and store data

B. Wrong: a USB device is external storage, not the computer's internal memory

C. Correct: per the official Sindhi key — RAM is the computer's main internal memory used to process and temporarily store data

D. Wrong: a register is a tiny CPU store, not the main internal memory used to process

Question 96 Computer

The Sindhi stem asks: which of the following devices can NOT be used as a Hard copy)

مندرجہ ذیل میں سے کون سی ڈیوائس Hard copy output device کیلئے استعمال نہیں کی (?output device جا سکتی؟

Correct answer ✓ اسپیکر / A. Speaker•

پرنٹر / B. Printer•

پلاٹر / C. Plotter•

امپیکٹ پرنٹر / D. Impact Printer•

A. Correct: per the official Sindhi key — a speaker produces sound, not a hard copy, so it cannot be a hard-copy output device

B. Wrong: a printer is a hard-copy output device

C. Wrong: a plotter is a hard-copy output device

D. Wrong: an impact printer is a hard-copy output device

Question 97 Computer

The Sindhi stem asks: MS-Word is the most widely used ... software in the world) (?MS-

دنیا میں اب تک بہت زیادہ استعمال ہونے والا ... سافٹ ویئر ہے؟ Word

ویب ڈیزائن / A. Web Design•

Correct answer ✓ ورڈ پروسیسنگ / B. Word Processing•

پریزنٹیشن ڈیزائن / C. Presentation Design•

کیلکولیشن / D. Calculation•

S-Word is not web-design software

B. Correct: per the official Sindhi key — MS-Word is word-processing software

C. Wrong: MS-Word is not presentation-design software

D. Wrong: MS-Word is not calculation software

Question 98 Computer

(Spreadsheet) ایک اسپریڈ شیٹ (?... The Sindhi stem asks: a spreadsheet can be made using)

... کے استعمال سے بنائی جا سکتی ہے؟

• ایم ایس پاور پوائنٹ / A. MS PowerPoint

• ایم ایس ورڈ / B. MS Word

• ایم ایس ایکسس / C. MS Access

• **Correct answer** ✓ ایم ایس ایکسل / D. MS Excel

A. Wrong: a spreadsheet is not made in MS PowerPoint

B. Wrong: a spreadsheet is not made in MS Word

C. Wrong: a spreadsheet is not made in MS Access (a database)

D. Correct: per the official Sindhi key — a spreadsheet is made in MS Excel

Question 99 Computer

The Sindhi stem asks: which type of chart is suitable to show a family's income from three)

sources?) چارٹ کی کون سی قسم مناسب ہے جو کسی خاندان کی تین ذرائع سے حاصل ہونے والی آمدنی ظاہر کرے؟

• **Correct answer** ✓ پائی چارٹ / A. Pie Chart

• بار چارٹ / B. Bar Chart

Line Chart•

انکم چارٹ / D. Income Chart•

A. Correct: per the official Sindhi key — a pie chart shows parts of a whole, so it suits a family's income from three sources

B. Wrong: a bar chart compares categories, but the keyed chart for parts of a whole is the pie chart

C. Wrong: a line chart shows trends over time, not parts of a whole

D. Wrong: 'income chart' is not the keyed chart type

Question 100 Computer

؟... FM & AM (?... The Sindhi stem asks: FM & AM ... are used for)

مائیکرو ویوز / A. Microwaves•

انفراریڈ ویوز / B. Infrared waves•

Correct answer ✓ ریڈیو ویوز / C. Radio waves•

گائیڈڈ ویوز / D. Guided waves•

A. Wrong: FM and AM are not microwaves

B. Wrong: FM and AM are not infrared waves

C. Correct: per the official Sindhi key — FM and AM are radio waves

D. Wrong: FM and AM are not guided waves

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