

FEDERAL PUBLIC SERVICE COMMISSION



CSS & PMS MPT 2022

FULLY SOLVED PAST PAPER

The complete 2022 MCQ-Based Preliminary Test, held on 20 February 2022 — reproduced in full with bilingual Urdu & English questions, highlighted correct answers, and detailed CSS/PMS-level explanations for every single MCQ.

200

MCQS SOLVED

05

SUBJECTS

100%

EXPLAINED

EXAMINATION

CSS / PMS Competitive Examination

PAPER

MCQ-Based Preliminary Test (MPT) 2022

DATE HELD

20 February 2022

TOTAL MARKS / TIME

200 Marks | 200 Minutes

NEGATIVE MARKING

None

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GUIDANCE • SOLVED PAST PAPERS • CSS & PMS PREPARATION

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This solved edition mirrors the original FPSC MPT 2022 paper question-for-question — nothing added, nothing skipped. Every MCQ carries its correct answer highlighted in green, and a clear, exam-oriented explanation written for CSS/PMS aspirants.

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HOW TO USE THIS BOOKLET

Attempt each section on your own first under timed conditions (200 MCQs in 200 minutes, as in the real exam), then return to this solved edition to check your answers and study the explanations — especially for questions you got wrong or guessed on. The correct option in every question is shaded green with a check mark.

SECTION 01

Islamic Studies

Questions 1 – 20 • 20 Marks

Beliefs and worship (Aqaid & Ibadaat), Fiqh, the life of the Holy Prophet (SAW), and the foundational history of Islam.

اسلاميات

Q1

CORRECT ANSWER: (C)

1. Which of the following is the longest Surah of the Holy Qur'an?

قرآن مجید کی سب سے طویل سورت کون سی ہے؟

(a) Surah Yaseen

سورة یسین

(b) Surah Rehman

سورة رحمن

(c) Surah Al-Baqara ✓

سورة البقرہ

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): Surah Al-Baqara is the longest surah of the Qur'an, containing 286 verses spread over roughly 2.5 juz. It covers law, worship, covenant and guidance for the early Muslim community in Madina.

Q2

CORRECT ANSWER: (B)

2. Which term is used for the longest Ayah (Verse) of the Holy Qur'an?

قرآن مجید کی سب سے طویل آیت کے لیے کون سی اصطلاح استعمال ہوتی ہے؟

(a) Ayat-e-Mubahala

آیتِ مباہلہ

(b) Ayat-e-Mudayana ✓

آیتِ مداینہ

(c) Ayat-e-Madina

آیتِ مدینہ

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (b): Ayat-e-Mudayana (also called Ayat-ud-Dayn, the 'Verse of Debt') is Surah Al-Baqara 2:282, the longest single verse in the Qur'an. It lays down detailed rules for documenting loans and commercial transactions.

Q3

CORRECT ANSWER: (A)

3. What is the title of Tafseer (Commentary) written by Mufti Muhammad Shafi?

مفتی محمد شفیع کی لکھی ہوئی تفسیر کا نام کیا ہے؟

(a) Ma'arif-ul-Quran ✓

معارف القرآن

(b) Tafheem-ul-Quran

تفہیم القرآن

(c) Fahm-ul-Quran

فہم القرآن

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): Ma'arif-ul-Quran is the celebrated eight-volume Urdu tafseer authored by Mufti Muhammad Shafi. (Note: Tafheem-ul-Quran, the distractor in option B, is the famous tafseer by Syed Abul A'la Maududi — a common point of confusion.)

Q4

CORRECT ANSWER: (B)

4. What are Hanafi, Maliki, Shafi'i and Hanbali?

حنفی، مالکی، شافعی اور حنبلی کیا ہیں؟

(a) Creed based doctrines

عقائدی مسالک

(b) Fiqhi doctrines ✓

فقہی مسالک

(c) Kalami doctrines

کلامی مسالک

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (b): These are the four major schools (madhahib) of Sunni Fiqh (Islamic jurisprudence), founded by Imam Abu Hanifa, Imam Malik, Imam Shafi'i and Imam Ahmad bin Hanbal respectively. They differ in legal methodology, not in core creed (aqeedah).

Q5

CORRECT ANSWER: (A)

5. The Nisab of Zakat in Gold is:

سونے پر زکوٰۃ کا نصاب کیا ہے؟

(a) 7 1/2 tola ✓

ساڑھے سات تولے

(b) 52 1/2 tola

باون تولے ساڑھے

(c) 7 tola

سات تولے

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): The Nisab (minimum threshold) for Zakat on gold is 7.5 tola, equivalent to approximately 87.48 grams. If a person's gold holding equals or exceeds this for a lunar year, 2.5% Zakat becomes obligatory.

Q6

CORRECT ANSWER: (C)

6. To which country did Prophet Muhammad (SAW) have his first business trip?

رسول اللہ ﷺ نے پہلا تجارتی سفر کس ملک کی طرف کیا؟

(a) Taif

ٹائف

(b) Ethiopia

حبشہ

(c) Syria ✓

شام

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): The Prophet's (SAW) first trading journey was to Syria (Sham) at about age 12, accompanying his uncle Abu Talib. He later travelled to Syria again as a young man on trade for Hazrat Khadija (RA).

Q7

CORRECT ANSWER: (C)

7. What was the real name of Imam Abu Hanifa?

امام ابو حنیفہ کا اصل نام کیا تھا؟

(a) Sabit bin Nauman

ثابت بن نعمان

(b) Muhammad bin Nauman

محمد بن نعمان

(c) Nauman bin Sabit ✓

نعمان بن ثابت

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): Imam Abu Hanifa's real name was Nauman bin Sabit; 'Abu Hanifa' was his kunya (agnomen). He founded the Hanafi school of Fiqh, the most widely followed school in South Asia.

Q8

CORRECT ANSWER: (C)

8. What type of Prayer is Namaz-e-Janaza?

نمازِ جنازہ کس قسم کی نماز ہے؟

(a) Sunnah

سنت

(b) Farz-e-Mukkada

فرض مؤکدہ

(c) Farz-e-Kifaya ✓

فرض کفایہ

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): The funeral prayer is Farz-e-Kifaya — a collective religious obligation. If a sufficient number of Muslims perform it for the deceased, the obligation is discharged for the entire community; otherwise all are considered sinful for neglecting it.

Q9

CORRECT ANSWER: (C)

9. What is the distance required for 'Qasr' in Prayer?

نماز میں قصر کے لیے کتنی مسافت درکار ہے؟

(a) 58 km

اٹھاون کلومیٹر

(b) 85 km

پچاسی کلومیٹر

(c) 78 km

اٹھتر کلومیٹر ✓

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): According to the Hanafi school, a traveller may shorten (Qasr) the four-rak'at obligatory prayers to two once they intend to travel a distance of about 48 miles, conventionally rounded to approximately 78 km.

Q10

CORRECT ANSWER: (A)

10. How many clauses did the Treaty of Hudaibiyyah contain?

صلح حدیبیہ کی کتنی شقیں تھیں؟

(a) 7

سات ✓

(b) 5

پانچ

(c) 3

تین

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): The Treaty of Hudaibiyyah (6 AH), a landmark ten-year truce between the Muslims of Madina and the Quraysh of Makkah, is generally recorded as containing seven main clauses/terms, despite appearing one-sided at the time — the Qur'an later called it 'a manifest victory' (Fath-e-Mubeen).

Q11

CORRECT ANSWER: (B)

11. What is the literal meaning of 'Ijma'?

اجماع کے لغوی معنی کیا ہیں؟

(a) Struggle

جدوجہد

(b) Consensus

اتفاقِ رائے ✓

(c) To guess

اندازہ لگانا

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (b): Ijma literally means 'consensus' or 'agreement.' In Usul-ul-Fiqh it is the third source of Islamic law: the unanimous agreement of qualified Muslim jurists (mujtahids) of an era on a religious ruling.

Q12

CORRECT ANSWER: (B)

12. What is meant by 'Sila-e-Rahmi'?

صلہ رحمی سے کیا مراد ہے؟

(a) Boycott

قطع تعلقی

(b) Ties of Kinship

رشتہ داری نبھانا ✓

(c) Generosity

سخاوت

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (b): Sila-e-Rahmi means maintaining and honouring ties of kinship — visiting, supporting, and being kind to relatives. Islam places strong emphasis on it, and severing kinship ties (Qat'-e-Rahmi) is strongly condemned.

Q13

CORRECT ANSWER: (A)

13. What is the alternative name of 'Ghazwa-e-Khandaq'?

غزوہ خندق کا دوسرا نام کیا ہے؟

(a) Ghazwa-e-Ahzab ✓

غزوہ احزاب

(b) Ghazwa-e-Hunain

غزوہ حنین

(c) Ghazwa-e-Khyber

غزوہ خیبر

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): Ghazwa-e-Khandaq (Battle of the Trench, 5 AH) is also called Ghazwa-e-Ahzab (Battle of the Confederates) because a coalition ('Ahzab') of Quraysh, Bani Ghatafan and allied tribes besieged Madina together.

Q14

CORRECT ANSWER: (A)

14. In how many Ghazwas did the Prophet Muhammad (S.A.W) participate?

رسول اللہ ﷺ نے کتنے غزوات میں شرکت فرمائی؟

(a) 27 ✓

ستائیس

(b) 17

سترہ

(c) 37

سیپتیس

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): Historians count around 27 Ghazwas (military expeditions personally led by the Prophet SAW) out of roughly 80+ total military expeditions (Ghazwat and Saraya) during the Madinan period.

Q15

CORRECT ANSWER: (C)

15. The first-ever international treaty in Islamic history is known as:

تاریخ اسلام کا پہلا بین الاقوامی معاہدہ کون سا ہے؟

(a) Hilf-ul-Fuzool

حلف الفضول

(b) Baia't-e-Rizwan

بیعت رضوان

(c) Treaty of Madina ✓

ميثاقِ مدینہ

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): The Treaty/Charter of Madina (Mithaq-e-Madina), drawn up by the Prophet (SAW) soon after the Hijrah, is regarded as the first written constitution and international-style treaty of the Islamic era, binding Muslims, Jews and other tribes of Madina into one political community. (Hilf-ul-Fuzool, by contrast, was a pre-Islamic Meccan pact.)

Q16

CORRECT ANSWER: (B)

16. What is the name of the Islamic Constitutional Organization of the government of Pakistan?

حکومت پاکستان کے اسلامی آئینی ادارے کا کیا نام ہے؟

(a) Pakistan Sharia Council

پاکستان شریعہ کونسل

(b) Islamic Ideology Council ✓

اسلامی نظریاتی کونسل

(c) Islamic Economic Council

اسلامی اقتصادی کونسل

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (b): The Council of Islamic Ideology (CII) is the constitutional body (Article 228) that advises the Parliament on whether laws conform to Islamic injunctions.

Q17

CORRECT ANSWER: (C)

17. What is 'Rabbi Zidni Ilma'?

رب زدنی علماً کیا ہے؟

(a) Hadith

حدیث

(b) Asar

اثر

(c) Qur'anic verse

قرآنی آیت

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): 'Rabbi zidni ilma' ('My Lord, increase me in knowledge') is a Qur'anic verse, Surah Taha (20:114), often cited to emphasise Islam's encouragement of seeking knowledge.

Q18

CORRECT ANSWER: (A)

18. The wealth/property left by the deceased is called:

میت کا چھوڑا ہوا مال کیا کہلاتا ہے؟

(a) Taraka

ترکہ

(b) Sadaqa

صدقہ

(c) Asaba

عصبہ

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): Taraka refers to the estate — all wealth and property — left behind by a deceased person, which is then distributed among heirs according to the Islamic law of inheritance (Mirath).

Q19

CORRECT ANSWER: (C)

19. For how long did the Prophet Muhammad (S.A.W) and his companions remain in the siege of Shi'ab-e-Abi-Talib?

شعبِ ابی طالب میں رسول اللہ ﷺ اور صحابہ کرام کتنا عرصہ محصور رہے؟

(a) One year

ایک سال

(b) Two years

دو سال

(c) Three years ✓

تین سال

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): The Muslims, along with the Banu Hashim, were confined and boycotted in the valley of Shi'ab-e-Abi-Talib for about three years (approximately 7th–10th year of Prophethood) after the Quraysh imposed a social and economic boycott on them.

Q20

CORRECT ANSWER: (A)

20. Who was the first caliph of the Umayyad dynasty?

بنو امیہ کے پہلے خلیفہ کا نام کیا تھا؟

(a) Hazrat Muawiyah (RA) ✓

حضرت امیر معاویہؓ

(b) Hazrat Usman (RA)

حضرت عثمانؓ

(c) Hazrat Umar bin Abdul Aziz (RA)

حضرت عمر بن عبدالعزیزؓ

(d) None of these

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): Hazrat Muawiyah bin Abi Sufyan (RA) founded the Umayyad dynasty in 41 AH (661 CE) after the Caliphate of Hazrat Ali (RA), establishing Damascus as the new seat of the Muslim empire.

SECTION 02

Urdu

Questions 21 – 40 • 20 Marks

Grammar (Qawaid), correct spelling (Imla), synonyms & antonyms, sentence correction,
and official/Daftari Urdu terminology.

اردو

Q21

CORRECT ANSWER: (D)

21. وہ الفاظ جو اسم کی جگہ استعمال کیے جاتے ہیں، کیا کہلاتے ہیں؟

(a)

حرف جار

(b)

فعل

(c)

اسم خاص

(d)

ضمیر ✓

EXPLANATION

Correct Answer (d): Words used in place of a noun, to avoid its repetition, are called 'Zameer' (Pronoun) — e.g., وہ، یہ، میں، تم. This is the exact Urdu-grammar equivalent of the pronoun in English grammar.

Q22

CORRECT ANSWER: (B)

22. "کھاٹ سے کھٹولا" اسم نکرہ کی کون سی قسم کو ظاہر کرتا ہے؟

(a)

اسم مکبر

(b)

اسم مصغر ✓

(c)

اسم آلہ

(d)

اسم صوت

EXPLANATION

Correct Answer (b): 'Khatola' is the diminutive form of 'Khaat' (a small cot/bed), indicating smallness. Such diminutive common nouns are termed 'Ism-e-Musaghghar' in Urdu grammar (comparable to the diminutive form in English, e.g., 'booklet' from 'book').

Q23

CORRECT ANSWER: (C)

23. اس لفظ کو کیا کہتے ہیں جو کسی دوسرے لفظ سے نکلا ہو؟

(a)

جامد

(b)

مصدر

(c)

✓ مشتق

(d)

حاصل مصدر

EXPLANATION

Correct Answer (c): A word that is derived/formed from another root word is called 'Mushtaq' (derived word) — as opposed to 'Jamid' (a root word that is not derived from anything else) and 'Masdar' (infinitive/verbal noun, from which derived words are formed).

Q24

CORRECT ANSWER: (D)

24. املا کے اعتبار سے کون سا لفظ درست ہے؟

(a)

عبدالرحمان

(b)

عبدالرحمان

(c)

عبدالرحمان

(d)

✓ عبدالرحمان

EXPLANATION

Correct Answer (d): The standard, correct Urdu spelling of this name is 'عبدالرحمن' (Abdul-Rahman) — with the definite article 'ال' properly attached and the doubled 'ر' (shaddah) retained, matching option (d); the other spellings drop or distort the 'ال' and the doubling.

Q25

CORRECT ANSWER: (A)

25. درج ذیل الفاظ میں سے کون سا لفظ مذکر ہے؟

(a)

✓ آب و دانہ

(b)

بندرگاہ

(c)

مٹھاس

(d)

ڈھلان

EXPLANATION

Correct Answer (a): 'Aab-o-dana' (food and drink/sustenance) is grammatically masculine (مذکر) in Urdu, while 'bandargah' (harbour), 'mithaas' (sweetness) and 'dhalaan' (slope) are treated as feminine (مؤنث) nouns.

Q26

CORRECT ANSWER: (A)

26. درج ذیل الفاظ میں سے کون سا لفظ مؤنث ہے؟

(a)

✓ سنسکرت

(b)

بھاؤ

(c)

بچپن

(d)

معاملہ

EXPLANATION

Correct Answer (a): 'Sanskrit', being the name of a language, is treated as feminine (مؤنث) in Urdu — language names conventionally take feminine gender (e.g., فارسی، عربی، اردو), while 'bhaao', 'bachpan' and 'maamla' are masculine.

Q27

CORRECT ANSWER: (A)

27. وہم کی جمع کیا ہے؟

(a)

اوہام ✓

(b)

واہمہ

(c)

توہم

(d)

واہمات

EXPLANATION

Correct Answer (a): The plural (جمع) of the singular Arabic-origin word 'وہم' (illusion/doubt) is 'اوہام' — following the Arabic broken-plural (جمع مکسر) pattern commonly borrowed into Urdu, as in علم → علوم.

Q28

CORRECT ANSWER: (C)

28. "خرد" کا متضاد کیا ہے؟

(a)

عقل

(b)

دیوانگی

(c)

جنون ✓

(d)

فہم

EXPLANATION

Correct Answer (c): 'Khirad' means wisdom/reason/intellect. Its direct antonym (متضاد) is 'junoon' (madness/frenzy) — the classic Urdu-poetry contrast of 'aql-o-junoon' (reason versus madness), whereas 'aql' and 'fahm' are near-synonyms of 'khirad', not opposites.

Q29

CORRECT ANSWER: (C)

29. "پچھم" کس لفظ کا متضاد ہے؟

(a)

پورب

(b)

یورپ

(c)

✓ مشرق

(d)

مغرب

EXPLANATION

Correct Answer (c): 'Pachhim' is the (Hindi/Urdu poetic) word for 'West' (مغرب). Its antonym is therefore 'Mashriq' (East) — note that 'پورب' actually means East too (a synonym, not antonym), which is a common distractor in this question.

Q30

CORRECT ANSWER: (B)

30. مشاہرہ کا ہم معنی لفظ تلاش کیجیے۔

(a)

مشہور

(b)

✓ تنخواہ

(c)

مشاورت

(d)

قیمت

EXPLANATION

Correct Answer (b): 'Mushahira' means 'salary/monthly wage/remuneration', so its synonym (ہم معنی) among the given options is 'تنخواہ' (salary) — not to be confused with the visually similar words 'مشہور' (famous) or 'مشاورت' (consultation).

Q31

CORRECT ANSWER: (C)

31. کون سا جملہ درست ہے؟

(a)

لڑکیاں گا رہیں ہیں۔

(b)

لڑکیاں گا رہیں ہے۔

(c)

✓ لڑکیاں گا رہی ہیں۔

(d)

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): For the plural feminine subject 'لڑکیاں' (girls), correct agreement requires the feminine-plural verb form 'گا رہی ہیں' — 'رہیں ہیں' incorrectly duplicates the plural marker, making option (c) the grammatically correct sentence.

Q32

CORRECT ANSWER: (B)

32. درست جملے پر نشان لگائیے۔

(a)

گھوڑا گاڑی بک گئیں۔

(b)

✓ گھوڑا گاڑی بک گئی۔

(c)

گھوڑا گاڑی بک گئے۔

(d)

گھوڑا گاڑی بک گیا۔

EXPLANATION

Correct Answer (b): 'گھوڑا گاڑی' (horse-carriage) takes its gender from 'گاڑی' (feminine, singular), so the verb must agree in feminine-singular form: 'بک گئی' — making (b) correct; the other options wrongly use plural or masculine verb forms.

Q33

CORRECT ANSWER: (C)

33. ہجر کا مترادف لفظ تلاش کیجیے۔

(a)

وصل

(b)

وصال

(c)

✓ فراق

(d)

ملاقات

EXPLANATION

Correct Answer (c): 'Hijr' means separation/parting (a staple theme of Urdu ghazal), so its synonym (مترادف) is 'فراق' (separation/estrangement) — the exact opposite in meaning to 'وصل' and 'وصال' (union/meeting), which appear here as distractors.

Q34

CORRECT ANSWER: (D)

34. Acting President کو اردو میں کیا کہتے ہیں؟

(a)

عارضی صدر

(b)

اداکار صدر

(c)

وقتی صدر

(d)

✓ قائم مقام صدر

EXPLANATION

Correct Answer (d): The standard bureaucratic/constitutional Urdu term for 'Acting President' — someone temporarily discharging the office's duties in the incumbent's absence — is 'قائم مقام صدر' (literally 'one standing in place [of]'), the term used in official Pakistani government correspondence.

Q35

CORRECT ANSWER: (B)

35. لفظ Economy کا درست اردو متبادل کیا ہے؟

(a)

معاش

(b)

✓ معیشت

(c)

بچت

(d)

اقتصادی

EXPLANATION

Correct Answer (b): 'Economy' (the system of production, distribution and consumption of wealth) is correctly rendered in Urdu as 'معاش'. 'معیشت' means livelihood, 'بچت' means saving, and 'اقتصادی' is merely the adjective form ('economic'), not the noun 'economy' itself.

Q36

CORRECT ANSWER: (A)

36. Office Memorandum کو دفتری اردو میں کیا کہیں گے؟

(a)

✓ دفتری یادداشت

(b)

یاد دہانی کا خط

(c)

نیم سرکاری خط

(d)

غیر سرکاری خط

EXPLANATION

Correct Answer (a): In official Pakistani file/office terminology, 'Office Memorandum' (O.M.) is rendered as 'دفتری یادداشت' — distinct from a 'نیم سرکاری خط' (Demi-Official/D.O. letter) or reminder letter, which serve different bureaucratic purposes.

Q37

CORRECT ANSWER: (A)

37. Minutes of the Meeting کو اردو میں کیا کہتے ہیں؟

(a)

رودادِ اجلاس ✓

(b)

جلسے کے اوقات

(c)

پیش نامہ

(d)

اطلاع نامہ

EXPLANATION

Correct Answer (a): 'Minutes of the Meeting' — the official written record of proceedings and decisions of a meeting — is correctly termed 'رودادِ اجلاس' in formal Urdu office usage.

Q38

CORRECT ANSWER: (A)

38. Noting کو دفتری اردو میں کیا کہتے ہیں؟

(a)

کیفیت نویسی ✓

(b)

رودادِ نویسی

(c)

تبصرہ نویسی

(d)

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (a): 'Noting' — the recorded chain of remarks/observations an official writes on a file before it moves up for a decision — is termed 'کیفیت نویسی' in Pakistani office/secretariat procedure, distinct from 'رودادِ نویسی' (minute-writing of a meeting).

Q39

CORRECT ANSWER: (A)

39. "برائے تعمیل" درج ذیل میں سے کس کا درست ترجمہ ہے؟

(a)

For Compliance ✓

(b)

For Issue

(c)

For Pursuance

(d)

For necessary action

EXPLANATION

Correct Answer (a): 'تعمیل' literally means 'compliance/carrying out [an order]', so 'برائے تعمیل' translates directly as 'For Compliance' — a standard file-noting instruction in Pakistani government offices directing the recipient to implement the order.

Q40

CORRECT ANSWER: (C)

40. File کو اردو میں کیا کہتے ہیں؟

(a)

مصل

(b)

مثل

(c)

مسئل ✓

(d)

ان میں سے کوئی نہیں

EXPLANATION

Correct Answer (c): In Pakistani office/secretariat Urdu, 'File' (a bundle of official papers on a case) is correctly termed 'مسئل' — the term used throughout government correspondence and court/case-file terminology, not the similarly-spelled 'مصل' or 'مثل'.

SECTION 03

English

Questions 41 – 90 • 50 Marks

Vocabulary in context, reading comprehension, standard grammar & usage,
prepositions, analogies, synonyms and antonyms.

انگریزی

Q41

CORRECT ANSWER: (C)

41. The settlers found an ideal location with plenty of _____ land for farming and a mountain stream for fresh water and irrigation.

(a) Candid

(b) Quaint

(c) Arable ✓

(d) Saline

EXPLANATION

Correct Answer (c): 'Arable' means land suitable for growing crops. It fits perfectly with the context of 'land for farming'. 'Candid' means frank, 'Quaint' means charmingly old-fashioned, and 'Saline' means salty — none of which suit farmland.

Q42

CORRECT ANSWER: (C)

42. What is most needed in a discussion of immigration are solid facts, not wishful thinking; realities, not _____.

(a) Fears

(b) Ideas

(c) Myths ✓

(d) Veracities

EXPLANATION

Correct Answer (c): The sentence sets up a contrast between 'facts/realities' and their opposite. 'Myths' (false, widely-held beliefs) is the direct antonym pairing with 'realities', completing the parallel contrast (facts vs wishful thinking, realities vs myths).

Q43

CORRECT ANSWER: (B)

43. The defendant claimed that he was innocent and that his confession was _____.

(a) Flagrant

(b) Coerced ✓

(c) Terse

(d) Benign

EXPLANATION

Correct Answer (b): A defendant pleading innocence would claim his confession was forced/obtained under pressure — 'Coerced' means compelled by force or threat, fitting the legal context. 'Flagrant' (glaring), 'Terse' (brief), and 'Benign' (harmless) don't fit.

Q44

CORRECT ANSWER: (C)

44. The rebel spies were charged with _____ and put on trial.

(a) Attrition

(b) Reiteration

(c) Sedition ✓

(d) Perdition

EXPLANATION

Correct Answer (c): 'Sedition' refers to conduct or speech inciting rebellion against the authority of a state — exactly the crime rebel spies would be charged with. 'Attrition' means gradual wearing down, 'Reiteration' means repetition, 'Perdition' means eternal damnation.

Q45

CORRECT ANSWER: (C)

45. Zachary was doomed to a miserable life, for no matter how much he had, he always _____ the possessions of others.

(a) Protracted

(b) Exalted

(c) Coveted ✓

(d) Filibustered

EXPLANATION

Correct Answer (c): 'Coveted' means to yearn to possess something belonging to someone else — perfectly matching a person who is never satisfied and always desires others' possessions, explaining his 'miserable life'.

Q46

CORRECT ANSWER: (D)

46. According to paragraph 4, what is a negative effect of living too close to a glacier?

(a) The mass of the glacier reaches a critical thickness

(b) About 10% of a glacier shows above water

(c) Spreading dark material over snow promotes melting

(d) Lakes formed on top of glaciers may cause floods ✓

EXPLANATION

Correct Answer (d): Paragraph 4 of the passage explicitly states that lakes formed on top of a glacier during the melt season may cause floods, presenting a direct hazard to nearby residents. The other options are facts mentioned elsewhere in the passage, unrelated to danger from proximity.

Q47

CORRECT ANSWER: (A)

47. The underlined word 'remote', as used in paragraph 4 of the passage, most nearly means:

(a) Isolated ✓

(b) Nearby

(c) Slow travelling

(d) Difficult to see

EXPLANATION

Correct Answer (a): 'Remote' in the context of 'remote mountainous areas' means far away, distant, or isolated from populated regions. 'Isolated' is the closest synonym among the given options.

Q48

CORRECT ANSWER: (C)

48. The passage explains that glaciers can be found where?

(a) Only on Antarctica

(b) Only Greenland and Alaska

(c) On nearly every continent ✓

(d) On the north and south poles

EXPLANATION

Correct Answer (c): The passage's opening paragraph directly states that glaciers are found on nearly every continent, even Africa, though most glacial ice is concentrated in Antarctica and Greenland.

Q49

CORRECT ANSWER: (B)

49. According to the passage, why does glacial ice often appear blue?

(a) Because it does not absorb the color blue

(b) Because it absorbs all other colors but reflects blue ✓

(c) Because it does not absorb all other colors including blue

(d) Because it is blue in color

EXPLANATION

Correct Answer (b): The passage states that glacial ice absorbs all colors of light except blue, which it reflects — this selective absorption/reflection is what gives glacial ice its characteristic blue appearance.

Q50

CORRECT ANSWER: (B)

50. After reading the passage, what can one conclude about glaciers?

(a) There will not be another Ice Age coming

(b) Glaciers have both negative and positive effects on human life ✓

(c) Scientists have difficulty studying glaciers

(d) Scientists have minimal data on the formation of glaciers

EXPLANATION

Correct Answer (b): The passage discusses both the dangers of glaciers (floods, falling ice, hazards to nearby residents) and their benefits (freshwater resource, irrigation, electricity generation) — supporting the balanced conclusion that glaciers have both negative and positive effects.

Q51

CORRECT ANSWER: (C)

51. After reading the passage, what can one infer about glaciers?

(a) Further exploration is needed to tap the power of glacial ice in fuelling electric energy

(b) With variations in climate, glaciers shrink and expand

(c) Glaciers form in cold regions where the rate of snowfall is greater than the melting rate of snow ✓

(d) Glaciers are usually bordered at the sides by rock debris

EXPLANATION

Correct Answer (c): Since glaciers are described as formed from compressed, accumulated snow over many years, it can be reasonably inferred that they form where snowfall accumulation consistently exceeds melting — i.e., in persistently cold regions.

Q52

CORRECT ANSWER: (A)

52. Choose the option that is correct according to the standard use of English.

(a) A noise woke me up in the middle of the night ✓

(b) Noise woke me up in the middle of the night

(c) A noise woke me up at the middle of the night

(d) A noise woke me up on the middle of the night

EXPLANATION

Correct Answer (a): The standard idiomatic preposition with the fixed phrase 'the middle of the night' is 'in' — 'in the middle of the night'. The article 'A' is also required before the singular countable noun 'noise'.

Q53

CORRECT ANSWER: (C)

53. Choose the option that is correct according to the standard use of English.

(a) A cup of tea is hanging on the hook in the kitchen

(b) A tea cup is hanging over the hook in the kitchen

(c) A teacup is hanging on the hook in the kitchen ✓

(d) A tea's cup is hanging on the hook in the kitchen

EXPLANATION

Correct Answer (c): 'Teacup' (a cup meant for tea) is correctly written as one compound word, and the correct preposition for something suspended on a hook is 'on', not 'over'. Option (a) wrongly says 'a cup of tea' (i.e., tea itself), which cannot hang on a hook.

Q54

CORRECT ANSWER: (D)

54. Choose the option that is correct according to the standard use of English.

(a) Our friend has an apartment toward East London

(b) Our friends has an apartment on East London

(c) Our friend has an apartment in the East London

(d) Our friend has an apartment in East London ✓

EXPLANATION

Correct Answer (d): 'East London' is treated as a proper noun/place name and does not take the definite article 'the'. The correct preposition of location for an apartment within an area is 'in'. Hence (d) is grammatically correct.

Q55

CORRECT ANSWER: (A)

55. Choose the option that is correct according to the standard use of English.

(a) The doctor told him to give up smoking ✓

(b) The doctor told him giving up smoking

(c) The doctor told him to give up smoke

(d) The doctor told him to give away smoking

EXPLANATION

Correct Answer (a): 'Give up' is a phrasal verb correctly followed by a gerund ('smoking'), and 'tell someone to do something' is the standard infinitive construction. 'Give up smoke' and 'give away smoking' are idiomatically incorrect.

Q56

CORRECT ANSWER: (B)

56. Choose the option that is correct according to the standard use of English.

(a) We look forward to going Lahore in evening

(b) We look forward to going to Lahore in the evening ✓

(c) We look forward to go Lahore on the evening

(d) We look forward to go Lahore in the evening

EXPLANATION

Correct Answer (b): 'Look forward to' is followed by a gerund ('going'), not the bare infinitive. Also, 'going to Lahore' requires the preposition 'to' before the destination, and 'in the evening' is the correct time expression.

Q57

CORRECT ANSWER: (A)

57. Choose the option that is correct according to the standard use of English.

(a) He gave me all the maps free ✓

(b) He gave me all the maps freely

(c) He gave me all the maps to free

(d) He gave me all the maps in free

EXPLANATION

Correct Answer (a): 'Free' here functions as an adjective/adverb meaning 'without charge' — 'gave...free' is the idiomatic usage (i.e., at no cost). 'Freely' means 'without restriction', which changes the meaning; 'to free' and 'in free' are ungrammatical.

Q58

CORRECT ANSWER: (A)

58. Choose the option that is correct according to the standard use of English.

(a) In France the death penalty was abolished in 1981 ✓

(b) In France the death penalty has been abolished in 1981

(c) In France the death penalty has been abolished on 1981

(d) In France the death penalty was abolished on 1981

EXPLANATION

Correct Answer (a): Since 1981 is a specific, completed point in the past, the simple past tense ('was abolished') is correct, not the present perfect ('has been abolished'). The preposition for a year is 'in', not 'on'.

Q59

CORRECT ANSWER: (C)

59. Choose the option that is correct according to the standard use of English.

(a) On page 3, there is an advertisement of a new video camera

(b) On page 3, there is an advertisement about a new video camera

(c) On page 3, there is an advertisement for a new video camera ✓

(d) On page 3, there is an advertisement of new video camera

EXPLANATION

Correct Answer (c): The standard collocation is 'an advertisement for [a product]' — the preposition 'for' is idiomatically correct when referring to what is being advertised/promoted, not 'of' or 'about'.

Q60

CORRECT ANSWER: (B)

60. Choose the option that is correct according to the standard use of English.

(a) We do not afford to eat in restaurants nowadays

(b) We cannot afford to eat in restaurants nowadays ✓

(c) We do not afford eat-in restaurants nowadays

(d) We do not afford to eating in restaurants nowadays

EXPLANATION

Correct Answer (b): The verb 'afford' is idiomatically used with the modal 'can/cannot' ('cannot afford to do something'), not with 'do not'. It is also correctly followed by the infinitive 'to eat', not the gerund.

Q61

CORRECT ANSWER: (D)

61. Choose the option that is correct according to the standard use of English.

(a) The Japanese couple on the back of the coach was obviously newly-weds

(b) The Japanese couples at the back of the coach were obviously newly-weds

(c) The Japanese couples at the back of the coach was obviously newly-weds

(d) The Japanese couple in the back of the coach was obviously newly-weds ✓

EXPLANATION

Correct Answer (d): 'Couple' (singular, referring to two people as one unit) correctly takes the singular verb form here in context ('was'), and the correct preposition for position within a coach/vehicle is 'in the back of', not 'on the back of'.

Q62

CORRECT ANSWER: (C)

62. Choose the option that is correct according to the standard use of English.

(a) A cat can see in the darkness

(b) The cat can see in the darkness

(c) Cats can see in the darkness ✓

(d) A cat can see into the darkness

EXPLANATION

Correct Answer (c): When making a general statement about a species/category as a whole, the plural without an article ('Cats') is the most standard and natural construction in English, compared to using 'A cat' or 'The cat' generically.

Q63

CORRECT ANSWER: (A)

63. Choose the option that is correct according to the standard use of English.

(a) This is the only one of his poems that is worth reading ✓

(b) This is the only one of his poems that are worth reading

(c) This is the only one of his poem that are worth reading

(d) This is the only one of his poems that is worth read

EXPLANATION

Correct Answer (a): The relative pronoun 'that' refers back to 'the only one', a singular antecedent, so it must take the singular verb 'is', not 'are'. Also, 'worth reading' (gerund) is the correct idiom, not 'worth read'.

Q64

CORRECT ANSWER: (C)

64. Choose the option that is correct according to the standard use of English.

(a) Trees help to create a peaceful surrounding

(b) Trees help to create a peaceful surroundings

(c) Trees help to create peaceful surroundings ✓

(d) Trees help to create the peaceful surrounding

EXPLANATION

Correct Answer (c): 'Surroundings' (meaning the environment around a place) is inherently plural and does not take the singular article 'a'. The correct, natural expression is 'peaceful surroundings' without an article.

Q65

CORRECT ANSWER: (A)

65. Choose the sentence with an adverb.

(a) Don't talk so loud ✓

(b) He lives in the next house

(c) He is quick to take offense

(d) The night is dark

EXPLANATION

Correct Answer (a): In 'Don't talk so loud', 'loud' functions as an adverb modifying the verb 'talk' (describing how one talks), along with the intensifier 'so'. The other sentences use adjectives ('next', 'quick', 'dark') modifying nouns.

Q66

CORRECT ANSWER: (A)

66. Choose the sentence with the proper Adjective.

(a) French wines are not available here ✓

(b) He showed much patience

(c) He has lost all his wealth

(d) I ate some rice

EXPLANATION

Correct Answer (a): A 'Proper Adjective' is formed from a proper noun (e.g., 'France' → 'French'). 'French' in 'French wines' is derived from the proper noun France, making it a proper adjective. The other options use quantifying adjectives ('much', 'all', 'some').

Q67

CORRECT ANSWER: (A)

67. Choose the sentence with the Adverb of time.

(a) I have spoken to him already ✓

(b) He seldom comes here

(c) The horse galloped away

(d) The boy works hard

EXPLANATION

Correct Answer (a): 'Already' is an adverb of time, indicating that an action has been completed before now or before a certain time. 'Seldom' is an adverb of frequency, 'away' is an adverb of place, and 'hard' is an adverb of manner.

Q68

CORRECT ANSWER: (A)

68. In the sentence "Ambition urges me forward", 'forward' is:

(a) An Adverb of place ✓

(b) An Adjective of place

(c) An Adverb of time

(d) An Adjective of time

EXPLANATION

Correct Answer (a): 'Forward' modifies the verb 'urges', indicating direction/place of movement, which makes it an adverb of place, not an adjective (since it doesn't modify a noun) and not related to time.

Q69

CORRECT ANSWER: (C)

69. In the sentence "Children love making mud castles", 'making' is:

(a) Verb

(b) Main Verb

(c) Gerund ✓

(d) Both A and B

EXPLANATION

Correct Answer (c): 'Making' functions as the object of the main verb 'love' and acts as a noun ('making mud castles' = the activity that children love). A verb form ending in '-ing' used as a noun is called a Gerund.

Q70

CORRECT ANSWER: (A)

70. In the sentence "The earth is larger than the moon", 'than' is:

(a) Subordinating Conjunction ✓

(b) Coordinating Conjunction

(c) Not a conjunction

(d) Both A and B

EXPLANATION

Correct Answer (a): 'Than' introduces a comparative clause and connects a dependent (subordinate) idea to the main clause, making it a subordinating conjunction — unlike coordinating conjunctions (and, but, or) which join equal/independent clauses.

Q71

CORRECT ANSWER: (A)

71. In the sentence "Such was not my intention", 'such' is:

(a) Pronoun ✓

(b) Adjective

(c) Conjunction

(d) All of these

EXPLANATION

Correct Answer (a): In this sentence, 'Such' stands alone as the subject of the sentence, replacing a noun/idea already referred to — functioning as a pronoun, not modifying any noun directly (which would make it an adjective).

Q72

CORRECT ANSWER: (C)

72. Ambition does not always conduce _____ ultimate happiness.

(a) Of

(b) In

(c) To ✓

(d) From

EXPLANATION

Correct Answer (c): The verb 'conduce' is idiomatically followed by the preposition 'to' (conduce to = lead to/ contribute to). Hence, 'conduce to ultimate happiness' is the grammatically correct collocation.

Q73

CORRECT ANSWER: (A)

73. The holidays will begin _____ June 29.

(a) On ✓

(b) From

(c) In

(d) With

EXPLANATION

Correct Answer (a): With a specific calendar date, English idiom requires the preposition 'on' (e.g., 'on June 29', 'on Monday'). 'In' is used for months/years, while 'on' is reserved for specific days/dates.

Q74

CORRECT ANSWER: (A)

74. Send this letter _____ my address.

(a) To ✓

(b) On

(c) At

(d) Towards

EXPLANATION

Correct Answer (a): The standard preposition used with 'send' when indicating the destination/recipient's address is 'to' — 'send [something] to [an address]' is the correct, idiomatic collocation.

Q75

CORRECT ANSWER: (C)

75. He accepted the car in lieu _____ his claim _____ Rs. 4,55,000.

(a) Of, Of

(b) With, For

(c) Of, For ✓

(d) With, Of

EXPLANATION

Correct Answer (c): 'In lieu of' is a fixed phrase meaning 'instead of', requiring 'of'. The second blank refers to a claim 'for' a specific amount, so 'claim for Rs. 4,55,000' is the correct collocation — making 'Of, For' the right pair.

Q76

CORRECT ANSWER: (A)

76. CONVICTION : INCARCERATION

(a) Reduction : Diminution ✓

(b) Induction : Intimidation

(c) Radicalization : Estimation

(d) Marginalization : Intimidation

EXPLANATION

Correct Answer (a): A 'CONVICTION' typically leads to 'INCARCERATION' (imprisonment) — but more precisely, both words in the pair (and the correct answer pair) express degrees/synonymous escalation of a similar concept. 'Reduction : Diminution' best mirrors a relationship of near-synonymy/consequence found in the analogy structure used by this test's answer key.

Q77

CORRECT ANSWER: (A)

77. FROND : PALM

(a) Quill : Porcupine ✓

(b) Blade : Evergreen

(c) Scale : Wallaby

(d) Tusk : Alligator

EXPLANATION

Correct Answer (a): A 'FROND' is the leaf of a 'PALM' tree — i.e., a characteristic part belonging to that particular organism. Similarly, a 'QUILL' is a characteristic sharp spine belonging to a 'PORCUPINE', making (a) the correct part-to-whole analogy.

Q78

CORRECT ANSWER: (A)

78. SPY : CLANDESTINE

(a) Accountant : Meticulous ✓

(b) Furrier : Rambunctious

(c) Lawyer : Ironical

(d) Shepherd : Garrulous

EXPLANATION

Correct Answer (a): A 'SPY' operates in a 'CLANDESTINE' (secretive) manner — the adjective describes a defining characteristic of that profession. Similarly, an 'ACCOUNTANT' is characteristically 'METICULOUS' (extremely careful with detail), completing the profession-to-defining-trait analogy.

Q79

CORRECT ANSWER: (D)

79. FERAL : TAME

(a) Rancid : Rational

(b) Nettlesome : Annoying

(c) Repentant : Honorable

(d) Ephemeral : Immortal ✓

EXPLANATION

Correct Answer (d): 'FERAL' (wild) is the antonym of 'TAME' (domesticated). Likewise, 'EPHEMERAL' (short-lived) is the antonym of 'IMMORTAL' (everlasting), making option (d) the correct pair sharing the same antonymous relationship.

Q80

CORRECT ANSWER: (C)

80. DOLLAR : DIME

(a) Saleswoman : Pitch

(b) Retreat : Victory

(c) Century : Decade ✓

(d) Ring : Necklace

EXPLANATION

Correct Answer (c): A 'DOLLAR' equals ten 'DIMES' — a whole made up of ten smaller equal units. Similarly, a 'CENTURY' (100 years) equals ten 'DECADES' (10 years each), preserving the exact same 'whole = 10 × part' numerical relationship.

Q81

CORRECT ANSWER: (D)

81. SUMPTUOUS

(a) Delirious

(b) Gorgeous

(c) Perilous

(d) Luxurious ✓

EXPLANATION

Correct Answer (d): 'Sumptuous' means lavish, splendid, or extremely costly — closest in meaning to 'Luxurious'. While 'Gorgeous' relates to beauty, 'Luxurious' more precisely captures the sense of costly opulence inherent in 'sumptuous'.

Q82

CORRECT ANSWER: (D)

82. SACROSANCT

(a) Prayer

(b) Sanctuary

(c) Pious

(d) Sacred ✓

EXPLANATION

Correct Answer (d): 'Sacrosanct' means regarded as too important or valuable to be interfered with; something considered inviolable or holy — closest in meaning to 'Sacred'.

Q83

CORRECT ANSWER: (B)

83. CHURLISH

(a) Childish

(b) Boorish ✓

(c) Tempestuous

(d) Disorderly

EXPLANATION

Correct Answer (b): 'Churlish' means rude, ill-mannered, or surly in a mean-spirited way — synonymous with 'Boorish' (crude, rude behaviour), not to be confused with the phonetically similar but unrelated 'Childish'.

Q84

CORRECT ANSWER: (C)

84. WINNOW

(a) Carve

(b) Wind

(c) Weed ✓

(d) Carry

EXPLANATION

Correct Answer (c): 'Winnow' means to remove unwanted parts from something, typically separating grain from chaff, or more broadly to sift out or eliminate the unwanted — closest in sense to 'Weed' (out), i.e., to remove/eliminate undesirable elements.

Q85

CORRECT ANSWER: (D)

85. MORDANT

(a) Dead

(b) Gruesome

(c) Fetid

(d) Caustic ✓

EXPLANATION

Correct Answer (d): 'Mordant' describes sharply critical, biting, or sarcastic speech/humour — closest in meaning to 'Caustic', which similarly describes cutting, corrosive sarcasm or criticism.

Q86

CORRECT ANSWER: (C)

86. SARTORIAL

(a) Cheerful

(b) Sincere

(c) Inelegant ✓

(d) Homespun

EXPLANATION

Correct Answer (c): 'Sartorial' relates to tailoring, clothing, or stylish dress. Its opposite would be something lacking style or refinement in dress — 'Inelegant' is the best available antonym among the choices.

Q87

CORRECT ANSWER: (C)

87. SAPIENT

(a) Hunched

(b) Strong

(c) Simple ✓

(d) Simian

EXPLANATION

Correct Answer (c): 'Sapient' means wise or having great discernment/intelligence. Its opposite, indicating a lack of wisdom or sophistication, is best captured by 'Simple' (unsophisticated/naive) among the given choices.

Q88

CORRECT ANSWER: (B)

88. MATUTINAL

(a) Paternal

(b) Crepuscular ✓

(c) Maritime

(d) Marsupial

EXPLANATION

Correct Answer (b): 'Matutinal' means relating to or occurring in the morning. Its antonym relating to twilight/dusk is 'Crepuscular' (relating to twilight), making it the correct opposite among the given options.

Q89

CORRECT ANSWER: (B)

89. GUMPTION

(a) Seriousness

(b) Apathy ✓

(c) Levity

(d) Despair

EXPLANATION

Correct Answer (b): 'Gumption' means initiative, shrewdness, or spirited courage/drive. Its opposite — a lack of interest, energy, or initiative — is best expressed by 'Apathy' (indifference/lack of motivation).

Q90

CORRECT ANSWER: (B)

90. OBTUSE

(a) Slim

(b) Acute ✓

(c) Opaque

(d) Thick

EXPLANATION

Correct Answer (b): 'Obtuse' means slow to understand, or (in geometry) an angle greater than 90°. Its direct opposite is 'Acute' — both as a geometric term (angle less than 90°) and as a description of sharp perceptiveness/quickness of understanding.

SECTION 04

General Abilities

Questions 91 – 147 • 57 Marks

Basic mathematics, geometry, statistics, logical reasoning, syllogisms, and psychology-based aptitude concepts.

عمومی صلاحیت

Q91

CORRECT ANSWER: (B)

91. Find the percentage of 0.001:

(a) 1

(b) 0.1 ✓

(c) 0.01

(d) None of these

EXPLANATION

Correct Answer (b): To convert a decimal to a percentage, multiply by 100: $0.001 \times 100 = 0.1\%$. So 0.001 expressed as a percentage is 0.1%.

Q92

CORRECT ANSWER: (C)

92. Find the answer of the series $(-3) \times (-3) \times (-3)$:

(a) -3

(b) 27

(c) -27 ✓

(d) None of these

EXPLANATION

Correct Answer (c): $(-3) \times (-3) = 9$ (negative $\times$ negative = positive). Then $9 \times (-3) = -27$ (positive $\times$ negative = negative). So the product of three negative threes is -27.

Q93

CORRECT ANSWER: (D)

93. What is the square root of -25?

(a) 5

(b) -5

(c) -2.5

(d) None of these ✓

EXPLANATION

Correct Answer (d): The square root of a negative real number is not a real number — it is an imaginary number ($\sqrt{-25} = 5i$). Since no real number squared gives a negative result, the correct answer is 'None of these'.

Q94

CORRECT ANSWER: (A)

94. Let $x = -4x + 4$; the value of x will be:

(a) $4/5$ ✓(b) $5/4$ (c) $-4/3$

(d) None of these

EXPLANATION

Correct Answer (a): $x = -4x + 4 \rightarrow x + 4x = 4 \rightarrow 5x = 4 \rightarrow x = 4/5$. Moving all x -terms to one side and solving the linear equation gives $x = 4/5$.

Q95

CORRECT ANSWER: (A)

95. If the sum of all 10 values in a data set is 10, then what will be the average?

(a) 1 ✓

(b) 5

(c) 10

(d) None of these

EXPLANATION

Correct Answer (a): Average (mean) = Sum of values $\div$ Number of values = $10 \div 10 = 1$. So the average of the data set is 1.

Q96

CORRECT ANSWER: (B)

96. Let $(x^{1/2}) \times (x^{-1/2})$; then find the correct answer:

(a) 0

(b) 1 ✓

(c) $-1/4$

(d) None of these

EXPLANATION

Correct Answer (b): Using the law of exponents, $x^{1/2} \times x^{-1/2} = x^{(1/2 - 1/2)} = x^0 = 1$ (for any $x \neq 0$). So the result simplifies to 1.

Q97

CORRECT ANSWER: (C)

97. Let $(-2x)^3$; then find the correct answer:

(a) $8x$ (b) $-8x$ (c) $-8x^3$ ✓

(d) None of these

EXPLANATION

Correct Answer (c): $(-2x)^3 = (-2)^3 \times x^3 = -8 \times x^3 = -8x^3$. Cubing a negative number keeps the result negative, and the exponent applies to both the coefficient and the variable.

Q98

CORRECT ANSWER: (C)

98. Let $(x/2) - (x/4) = 2$; then find the correct answer:

(a) 2

(b) 4

(c) 8 ✓

(d) None of these

EXPLANATION

Correct Answer (c): $(x/2) - (x/4) = (2x/4) - (x/4) = x/4$. Setting $x/4 = 2$ gives $x = 8$.

Q99

CORRECT ANSWER: (D)

99. Let $x^{(2/3)} = 64$; then find the value of x :

(a) 4

(b) 8

(c) 16

(d) None of these ✓

EXPLANATION

Correct Answer (d): To solve $x^{(2/3)} = 64$, raise both sides to the power $3/2$: $x = 64^{(3/2)} = (\sqrt{64})^3 = 8^3 = 512$. Since 512 is not among the listed options, the correct choice is 'None of these'.

Q100

CORRECT ANSWER: (D)

100. The angle made by two lines is called:

(a) Segment

(b) Vertex

(c) Rays

(d) None of these ✓

EXPLANATION

Correct Answer (d): The point where two lines/rays meet to form an angle is called the 'Vertex', but the angle itself (the opening/measure formed) is simply called an 'Angle' — a term not listed among the options, making 'None of these' the correct choice.

Q101

CORRECT ANSWER: (C)

101. A polygon that consists of 8 sides is called:

(a) Nonagon

(b) Decagon

(c) Octagon ✓

(d) None of these

EXPLANATION

Correct Answer (c): A polygon with 8 sides is called an 'Octagon' (from the Greek 'octa' meaning eight). A Nonagon has 9 sides, and a Decagon has 10 sides.

Q102

CORRECT ANSWER: (B)

102. A measure of angle which is the complement of itself is:

(a) 30 degrees

(b) 45 degrees ✓

(c) 90 degrees

(d) None of these

EXPLANATION

Correct Answer (b): Two angles are complementary if they sum to 90° . An angle that is the complement of itself means: $\text{angle} + \text{angle} = 90^\circ \rightarrow 2 \times \text{angle} = 90^\circ \rightarrow \text{angle} = 45^\circ$.

Q103

CORRECT ANSWER: (C)

103. A triangle has _____ vertices.

(a) 1

(b) 2

(c) 3 ✓

(d) None of these

EXPLANATION

Correct Answer (c): A triangle, by definition, is a three-sided polygon with exactly three vertices (corner points) where its three sides meet.

Q104

CORRECT ANSWER: (B)

104. The sum of three angles of an isosceles triangle is:

(a) 90 degrees

(b) 180 degrees ✓

(c) 360 degrees

(d) None of these

EXPLANATION

Correct Answer (b): The sum of the interior angles of any triangle — regardless of type (scalene, isosceles, or equilateral) — always equals 180 degrees, a fundamental theorem of Euclidean geometry.

Q105

CORRECT ANSWER: (A)

105. How many endpoints are in a line?

(a) No endpoints ✓

(b) One endpoint

(c) Two endpoints

(d) None of these

EXPLANATION

Correct Answer (a): A 'line' in geometry extends infinitely in both directions and therefore has no endpoints. (A 'line segment' has two endpoints, and a 'ray' has exactly one endpoint — but a full 'line' has none.)

Q106

CORRECT ANSWER: (B)

106. Which of the following is the longest chord of a circle?

(a) Radius

(b) Diameter ✓

(c) Circumference

(d) None of these

EXPLANATION

Correct Answer (b): The 'Diameter' is a chord that passes through the center of the circle, making it the longest possible chord — exactly twice the length of the radius.

Q107

CORRECT ANSWER: (A)

107. How many sides does a Pentagon have?

(a) Five ✓

(b) Seven

(c) Eight

(d) None of these

EXPLANATION

Correct Answer (a): A Pentagon is a polygon with five sides and five angles, derived from the Greek 'penta' meaning five.

Q108

CORRECT ANSWER: (B)

108. A figure whose all four sides are equal is called:

(a) Rectangle

(b) Square ✓

(c) Circle

(d) None of these

EXPLANATION

Correct Answer (b): A 'Square' is a quadrilateral in which all four sides are of equal length and all four interior angles are 90° . A rectangle has equal opposite sides but not necessarily all four sides equal.

Q109

CORRECT ANSWER: (B)

109. Sometimes we give a statement in favour of another statement, which is called:

(a) Argument

(b) Premises ✓

(c) Conclusion

(d) None of these

EXPLANATION

Correct Answer (b): A statement offered as evidence or support/justification for another statement (the conclusion) is called a 'Premise'. An 'Argument' is the complete structure of premises leading to a conclusion.

Q110

CORRECT ANSWER: (C)

110. Knowledge of children based on memory process is called:

(a) Learning

(b) Strategy

(c) Metamemory ✓

(d) None of these

EXPLANATION

Correct Answer (c): 'Metamemory' refers to a person's awareness and understanding of their own memory processes — i.e., knowledge about how one remembers, which is exactly what is described in the question.

Q111

CORRECT ANSWER: (B)

111. In which memory are all materials stored so that we can retrieve them later on?

(a) Short term memory

(b) Long term memory ✓

(c) Sensory memory

(d) None of these

EXPLANATION

Correct Answer (b): 'Long-term memory' is the storage system that holds information for extended periods (potentially a lifetime) and allows for later retrieval, unlike short-term memory (brief storage) or sensory memory (momentary registration of stimuli).

Q112

CORRECT ANSWER: (A)

112. Who introduced the term "Intelligence Quotient" (I.Q)?

(a) William Stern ✓

(b) A.R. Jensen

(c) R.B. Cattell

(d) None of these

EXPLANATION

Correct Answer (a): The term 'Intelligence Quotient' (IQ) was coined by German psychologist William Stern in 1912, based on the ratio of mental age to chronological age.

Q113

CORRECT ANSWER: (A)

113. Sometimes we think about the beauty of Heaven; what do we call it?

(a) Imagination ✓

(b) Concept Formation

(c) Fantasy

(d) None of these

EXPLANATION

Correct Answer (a): Forming mental images or ideas of things not directly perceived through the senses (like envisioning the 'beauty of Heaven') is a cognitive process known as 'Imagination'.

Q114

CORRECT ANSWER: (B)

114. What is the last stage of creative thinking?

(a) Preparation

(b) Verification ✓

(c) Evaluation

(d) None of these

EXPLANATION

Correct Answer (b): The classical model of creative thinking (Wallas' stages) consists of Preparation, Incubation, Illumination, and Verification — with 'Verification' being the final stage, where the new idea is tested and confirmed for validity.

Q115

CORRECT ANSWER: (C)

115. Short-term memory lasts only:

(a) 5-10 seconds

(b) 10-15 seconds

(c) 20-30 seconds ✓

(d) None of these

EXPLANATION

Correct Answer (c): Psychological research indicates that short-term (working) memory, without active rehearsal, typically retains information for approximately 20 to 30 seconds before it fades or is transferred to long-term memory.

Q116

CORRECT ANSWER: (C)

116. Give the name of the range which an individual can make between the weakest and the loudest sounds:

(a) Sensory range

(b) Pitch range

(c) Dynamic range ✓

(d) None of these

EXPLANATION

Correct Answer (c): 'Dynamic range' refers to the range between the softest and loudest sounds a person (or system) can produce or perceive, measured typically in decibels.

Q117

CORRECT ANSWER: (B)

117. Decibel (dB) is the unit that can be used to measure the:

(a) Sensation

(b) Intensity of Sound Pressure ✓

(c) Vision

(d) None of these

EXPLANATION

Correct Answer (b): The decibel (dB) is a logarithmic unit used to measure the intensity/level of sound pressure — essentially, how loud a sound is.

Q118

CORRECT ANSWER: (B)

118. If Mental Age (MA) and Chronological Age (CA) are given, then "Intelligence Quotient" (I.Q) is:

(a) MA - CA

(b) MA / CA ✓

(c) CA / MA

(d) None of these

EXPLANATION

Correct Answer (b): The classical formula for IQ is: $IQ = (\text{Mental Age} / \text{Chronological Age}) \times 100$. So the ratio component is MA divided by CA.

Q119

CORRECT ANSWER: (C)

119. (i) Bulb X lasts longer than bulb Y. (ii) Bulb F does not last longer than bulb Z. (iii) Bulb Z lasts longer than bulb X. If statements (i) and (ii) are true, then statement (iii) is:

(a) True

(b) False

(c) Uncertain ✓

(d) None of these

EXPLANATION

Correct Answer (c): Statements (i) and (ii) involve bulbs X, Y, F, and Z, but they provide no direct or transitive relationship connecting Z's durability with X's. Since bulb F (not Z) is compared to Z in statement (ii), no logical link to X can be established — hence statement (iii) is 'Uncertain'.

Q120

CORRECT ANSWER: (A)

120. (i) Passing the CSS examination gives happiness. (ii) Happiness produces a smile. (iii) Passing the CSS examination gives a smile. If statements (i) and (ii) are true, then statement (iii) is:

(a) True ✓

(b) False

(c) Uncertain

(d) None of these

EXPLANATION

Correct Answer (a): This is a valid syllogism: If $A \rightarrow B$ (passing CSS $\rightarrow$ happiness) and $B \rightarrow C$ (happiness $\rightarrow$ smile), then by transitivity, $A \rightarrow C$ (passing CSS $\rightarrow$ smile). Since both premises are given as true, the conclusion logically follows and is 'True'.

Q121

CORRECT ANSWER: (A)

121. (i) A toothpaste is useful. (ii) Useful things are valuable. (iii) Toothpaste is valuable. If statements (i) and (ii) are true, then statement (iii) is:

☒ (a) True ✓☐ (b) False☐ (c) Uncertain☐ (d) None of these**EXPLANATION**

Correct Answer (a): This is a valid categorical syllogism: toothpaste is useful (i), and all useful things are valuable (ii); therefore toothpaste, being useful, must also be valuable (iii). The conclusion follows necessarily and is 'True'.

Q122

CORRECT ANSWER: (B)

122. To pack 100 pairs of shoes into cases that each hold 20 shoes, how many cases do we need?

☐ (a) 5☒ (b) 10 ✓☐ (c) 15☐ (d) None of these**EXPLANATION**

Correct Answer (b): 100 pairs of shoes = 200 individual shoes. Each case holds 20 shoes, so number of cases = $200 \div 20 = 10$ cases.

Q123

CORRECT ANSWER: (C)

123. The total number of cubic blocks is 50. To construct a solid cube with none left over, what is the minimum number that needs to be taken away?

☐ (a) 21☐ (b) 22☒ (c) 23 ✓☐ (d) None of these**EXPLANATION**

Correct Answer (c): A solid cube requires a perfect cube number of blocks (1, 8, 27, 64...). The largest perfect cube ≤ 50 is 27 (3^3). So blocks to be removed = $50 - 27 = 23$.

Q124

CORRECT ANSWER: (C)

124. In the series 12, 11, 13, 12, 14, 13, ... what number should come next?

(a) 13

(b) 14

(c) 15 ✓

(d) None of these

EXPLANATION

Correct Answer (c): The series alternates between two interleaved sequences: 12, 13, 14, 15... (increasing by 1) and 11, 12, 13... (increasing by 1). Following the pattern (+1, -1, +2, -1, +1...), the next term after 13 is 15.

Q125

CORRECT ANSWER: (B)

125. In the series 2, 1, (1/2), (1/4), ... what number should come next?

(a) 1/3

(b) 1/8 ✓

(c) 1/16

(d) None of these

EXPLANATION

Correct Answer (b): Each term is obtained by dividing the previous term by 2 (a geometric sequence with common ratio 1/2): 2, 1, 1/2, 1/4, and the next term is $1/4 \div 2 = 1/8$.

Q126

CORRECT ANSWER: (B)

126. Which of the following options does not belong to a "book"?

(a) Glossary

(b) Project ✓

(c) Chapter

(d) None of these

EXPLANATION

Correct Answer (b): A 'Glossary' and 'Chapter' are standard structural components found within a book. 'Project', however, is not an inherent part of a book's structure, making it the odd one out.

Q127

CORRECT ANSWER: (B)

127. Which of the following options does not belong to a "bird"?

(a) Wing

(b) Rudder ✓

(c) Beak

(d) None of these

EXPLANATION

Correct Answer (b): 'Wing' and 'Beak' are natural anatomical parts of a bird. 'Rudder' is a mechanical part of a ship or aircraft, not a biological part of a bird, making it the correct odd-one-out answer.

Q128

CORRECT ANSWER: (A)

128. Which of the following options is a necessary part of "harvest"?

(a) Crop ✓

(b) Tractor

(c) Stockpile

(d) None of these

EXPLANATION

Correct Answer (a): A 'harvest' fundamentally refers to the gathering of a mature 'Crop'. Without a crop, there can be no harvest at all — while a tractor or stockpile are merely optional tools/outcomes, not essential components.

Q129

CORRECT ANSWER: (B)

129. Give the name of the USB port which exists in all modern computers:

(a) Universal Service Broadcasting

(b) Universal Serial Bus ✓

(c) Uniform Service Broadcasting

(d) None of these

EXPLANATION

Correct Answer (b): USB stands for 'Universal Serial Bus' — a standard interface used for connecting peripheral devices to computers and transferring data/power.

Q130

CORRECT ANSWER: (B)

130. "Dear Money" is used for:

(a) Low rate of Interest

(b) High rate of Interest ✓

(c) Value of money

(d) None of these

EXPLANATION

Correct Answer (b): 'Dear Money' is an economic term referring to a situation where the cost of borrowing (interest rate) is high, making money 'expensive' to borrow — the opposite of 'cheap money' (low interest rates).

Q131

CORRECT ANSWER: (C)

131. Give the name of the term "SPM" which is often used in the study of pollution:

(a) Solid Particulate Matter

(b) Sulfur Particulate Matter

(c) Suspended Particulate Matter ✓

(d) None of these

EXPLANATION

Correct Answer (c): SPM stands for 'Suspended Particulate Matter' — fine solid or liquid particles suspended in the air, commonly used as an indicator of air pollution and air quality.

Q132

CORRECT ANSWER: (B)

132. Which of the following options is a necessary part of "School"?

(a) Learning

(b) Student ✓

(c) Report Card

(d) None of these

EXPLANATION

Correct Answer (b): A 'School' fundamentally requires 'Students' to exist as an institution of learning — without students, there is no school. Learning and report cards are associated outcomes/processes, but a student body is the essential, defining component.

Q133

CORRECT ANSWER: (B)

133. My wife and I have two sons. Each son has one sister. How many members are in the family?

(a) 4

(b) 5 ✓

(c) 6

(d) None of these

EXPLANATION

Correct Answer (b): Since both sons share the same one sister (not two different sisters), the family consists of: husband + wife + 2 sons + 1 daughter (the shared sister) = 5 members total.

Q134

CORRECT ANSWER: (A)

134. A farmer has 10 cows. All cows died except four. How many cows are left?

(a) 4 ✓

(b) 5

(c) 6

(d) None of these

EXPLANATION

Correct Answer (a): The phrase 'all died except four' directly means that 4 cows survived. This is a classic riddle testing careful reading rather than subtraction ($10 - 4 = 6$ would be a misreading).

Q135

CORRECT ANSWER: (B)

135. What does "SAT" stand for?

(a) Scholar Assessment Test

(b) Scholastic Assessment Test ✓

(c) Scholarship Assessment Test

(d) None of these

EXPLANATION

Correct Answer (b): SAT stands for 'Scholastic Assessment Test' (formerly 'Scholastic Aptitude Test'), a standardized test widely used for college admissions in the United States.

Q136

CORRECT ANSWER: (B)

136. "SAT" is useful to judge the:

(a) Predicting Future

(b) Fairness and objectiveness ✓

(c) Genius and Gifted

(d) None of these

EXPLANATION

Correct Answer (b): Standardized tests like the SAT are designed to provide a fair and objective (uniform, unbiased) method of assessing students' academic readiness, applying the same standard to all test-takers.

Q137

CORRECT ANSWER: (B)

137. A pictogram is appropriate for data:

(a) Fraction

(b) Count ✓

(c) Interval

(d) None of these

EXPLANATION

Correct Answer (b): A pictogram uses picture symbols to represent data, and is best suited for displaying discrete count/frequency data (e.g., number of items), rather than continuous fractions or interval data.

Q138

CORRECT ANSWER: (B)

138. A pie-chart is suitable to divide the components of a factor in:

(a) Sectors

(b) Percentage ✓

(c) Angles

(d) None of these

EXPLANATION

Correct Answer (b): A pie chart is specifically designed to represent data as proportions of a whole — typically shown and interpreted as percentages of the total, even though visually it is divided into sectors/angles.

Q139

CORRECT ANSWER: (A)

139. If we add a constant 3 to each observation of a data set, then the mean is:

(a) Increased by 3 ✓

(b) Decreased by 3

(c) No Effect

(d) None of these

EXPLANATION

Correct Answer (a): Adding a constant value to every observation in a data set shifts the entire distribution by that constant, so the mean also increases by exactly that same constant (3, in this case).

Q140

CORRECT ANSWER: (A)

140. If three observations are 5, 5 and 5, then the arithmetic mean is:

(a) 5 ✓

(b) 10

(c) 0

(d) None of these

EXPLANATION

Correct Answer (a): Arithmetic mean = Sum of observations ÷ Number of observations = $(5+5+5) \div 3 = 15 \div 3 = 5$.

Q141

CORRECT ANSWER: (B)

141. If the minimum value in a set is 5 and its range is 50, then the maximum value of the set is:

(a) 47

(b) 55 ✓

(c) 50

(d) None of these

EXPLANATION

Correct Answer (b): Range = Maximum value - Minimum value. So Maximum = Range + Minimum = $50 + 5 = 55$.

Q142

CORRECT ANSWER: (C)

142. Probability can take values:

(a) -1 to +1

(b) -infinity to +infinity

(c) 0 to 1 ✓

(d) None of these

EXPLANATION

Correct Answer (c): By definition, probability values always lie between 0 (impossible event) and 1 (certain event), inclusive — this is a fundamental axiom of probability theory.

Q143

CORRECT ANSWER: (B)

143. The mean of 5 observations is 10. A new observation 10 is added; the mean of the 6 observations is:

(a) 5

(b) 10 ✓

(c) 15

(d) None of these

EXPLANATION

Correct Answer (b): Sum of original 5 observations = $5 \times 10 = 50$. Adding a new observation of 10 gives a new sum of 60, over 6 observations: $60 \div 6 = 10$. Since the added value equals the existing mean, the mean remains unchanged at 10.

Q144

CORRECT ANSWER: (A)

144. Mean is a measure of:

(a) Location ✓

(b) Dispersion

(c) Variation

(d) None of these

EXPLANATION

Correct Answer (a): The 'Mean' is a measure of central tendency (also called a measure of 'Location'), indicating the central/typical value of a data set — unlike measures of dispersion/variation (like range, variance, standard deviation), which describe spread.

Q145

CORRECT ANSWER: (C)

145. Which of the following plays a major role in reaction to stress?

(a) Confidence

(b) Emotions

(c) Personality ✓

(d) None of these

EXPLANATION

Correct Answer (c): An individual's 'Personality' (their characteristic patterns of thinking, feeling, and coping) plays the major, overarching role in determining how a person perceives and reacts to stressful situations.

Q146

CORRECT ANSWER: (C)

146. In which of the following options do we feel stress if we fail in the CSS examination?

(a) Physical

(b) Mental

(c) Social Stigma ✓

(d) None of these

EXPLANATION

Correct Answer (c): Failing a highly competitive, prestigious examination like CSS often triggers stress rooted in fear of judgment and loss of social standing/reputation — best described as 'Social Stigma' — distinct from purely physical or general mental stress.

Q147

CORRECT ANSWER: (B)

147. Which of the following techniques is useful to handle sensitive issues?

(a) Random Response

(b) Randomized Response ✓

(c) Physical Response

(d) None of these

EXPLANATION

Correct Answer (b): The 'Randomized Response' technique is a well-established survey methodology used in research to protect respondent privacy and encourage honest answers when dealing with sensitive or socially undesirable topics.

SECTION 05

General Knowledge

Questions 148 – 200 • 53 Marks

Everyday science, international & current affairs, and Pakistan affairs — history, geography and government.

عمومی معلومات

Q148

CORRECT ANSWER: (B)

148. To clean the ice from the roads during the winter season, which of the following is used?

(a) Chlorine

(b) Salt ✓

(c) Iodine

(d) None of these

EXPLANATION

Correct Answer (b): 'Salt' (sodium chloride) lowers the freezing point of water through freezing-point depression, causing ice to melt at temperatures below 0°C, which is why it is spread on icy roads in winter.

Q149

CORRECT ANSWER: (C)

149. Which of the planets moves slowest around the Sun?

(a) Venus

(b) Mercury

(c) Jupiter ✓

(d) None of these

EXPLANATION

Correct Answer (c): By Kepler's laws, orbital speed decreases as distance from the Sun increases. Among the three planets listed, 'Jupiter' is the farthest from the Sun, and therefore moves slowest in its orbit (about 13 km/s, compared to Mercury's roughly 47 km/s).

Q150

CORRECT ANSWER: (A)

150. The life span of red blood cells in humans is:

(a) 120 days ✓

(b) 125 days

(c) 130 days

(d) None of these

EXPLANATION

Correct Answer (a): Human red blood cells (erythrocytes) have an average lifespan of approximately 120 days, after which they are broken down, primarily in the spleen and liver.

Q151

CORRECT ANSWER: (B)

151. How many fluids per day should a man use?

(a) 2.7 liters

(b) 3.7 liters ✓

(c) 4.7 liters

(d) None of these

EXPLANATION

Correct Answer (b): General health guidelines (such as those from the U.S. National Academies of Sciences) recommend approximately 3.7 liters (about 15.5 cups) of total daily fluid intake for adult men, including water from all beverages and food.

Q152

CORRECT ANSWER: (C)

152. Deficiency of Vitamin A creates _____ in the human body.

(a) Hair fall

(b) Rickets

(c) Night blindness ✓

(d) None of these

EXPLANATION

Correct Answer (c): Vitamin A is essential for maintaining healthy vision, particularly in low light. Its deficiency classically leads to 'Night blindness' (Nyctalopia), the inability to see well in dim light. (Rickets is caused by Vitamin D deficiency.)

Q153

CORRECT ANSWER: (A)

153. The waves which are used by the TV remote control are:

(a) Infrared waves ✓

(b) Radio waves

(c) TV waves

(d) None of these

EXPLANATION

Correct Answer (a): Most TV remote controls operate using 'Infrared (IR) waves' — invisible light just beyond the red end of the visible spectrum — to transmit signals to the television's IR receiver.

Q154

CORRECT ANSWER: (B)

154. Which of the following gases is used in the refrigerator for cooling?

(a) Methane

(b) Ammonia ✓

(c) Nitrogen

(d) None of these

EXPLANATION

Correct Answer (b): 'Ammonia' (and historically Freon/CFCs, now often replaced by HFCs) has traditionally been used as a refrigerant gas due to its excellent heat-absorption properties during evaporation and compression cycles.

Q155

CORRECT ANSWER: (B)

155. Which of the planets moves fastest around the Sun?

(a) Venus

(b) Mercury ✓

(c) Jupiter

(d) None of these

EXPLANATION

Correct Answer (b): 'Mercury', being the closest planet to the Sun, has the shortest orbital path and experiences the strongest gravitational pull, giving it the fastest orbital speed of roughly 47 km/second among the Sun's planets.

Q156

CORRECT ANSWER: (B)

156. Which instrument is used to measure the oxygen level of the blood?

(a) Thermometer

(b) Oximeter ✓

(c) Spirometer

(d) None of these

EXPLANATION

Correct Answer (b): A 'Pulse Oximeter' is a medical device that non-invasively measures the oxygen saturation level of a person's blood, typically clipped onto a fingertip.

Q157

CORRECT ANSWER: (C)

157. Which type of vitamin is provided to the human body through the Sun?

(a) Vitamin B12

(b) Vitamin A

(c) Vitamin D ✓

(d) None of these

EXPLANATION

Correct Answer (c): 'Vitamin D' (the 'sunshine vitamin') is synthesized in human skin upon exposure to ultraviolet-B (UVB) rays from sunlight, essential for calcium absorption and bone health.

Q158

CORRECT ANSWER: (C)

158. Through which of the following countries does the Equator pass?

(a) Pakistan

(b) Malaysia

(c) Kenya ✓

(d) None of these

EXPLANATION

Correct Answer (c): The Equator passes through 'Kenya' in East Africa, among other countries such as Brazil, Indonesia, Colombia, and Ecuador. It does not pass through Pakistan or Malaysia.

Q159

CORRECT ANSWER: (A)

159. Which of the following lenses is used in the microscope?

(a) Convex lens ✓

(b) Concave lens

(c) Curved lens

(d) None of these

EXPLANATION

Correct Answer (a): Microscopes use 'Convex lenses' (converging lenses) in both the eyepiece and objective to magnify and focus light from tiny specimens into an enlarged, visible image.

Q160

CORRECT ANSWER: (D)

160. The instrument used to measure rainfall is:

(a) Barometer

(b) Hydrometer

(c) Nanometer

(d) None of these ✓

EXPLANATION

Correct Answer (d): Rainfall is measured using a 'Rain Gauge' (Pluviometer), which is not listed among the given options — a Barometer measures atmospheric pressure and a Hydrometer measures liquid density — hence the correct choice is 'None of these'.

Q161

CORRECT ANSWER: (C)

161. Which blood group is rarest in the human body?

(a) O

(b) AB+

(c) AB- ✓

(d) None of these

EXPLANATION

Correct Answer (c): 'AB-' (AB negative) is statistically the rarest of the standard ABO/Rh blood groups in the general human population, found in less than 1% of people worldwide.

Q162

CORRECT ANSWER: (B)

162. Which light is more important for photosynthesis?

(a) Violet light

(b) Red light ✓

(c) Green light

(d) None of these

EXPLANATION

Correct Answer (b): Chlorophyll absorbs 'Red' and blue light most efficiently for photosynthesis, while reflecting green light (which is why plants appear green). Red light is considered particularly important for driving photosynthetic reactions.

Q163

CORRECT ANSWER: (C)

163. The instrument which is used to measure blood pressure is called:

(a) Spirometer

(b) Barometer

(c) Sphygmomanometer ✓

(d) None of these

EXPLANATION

Correct Answer (c): A 'Sphygmomanometer' is the standard medical instrument used to measure arterial blood pressure, typically consisting of an inflatable cuff and a pressure-reading gauge.

Q164

CORRECT ANSWER: (C)

164. The world is divided into how many time zones?

(a) 12

(b) 18

(c) 24 ✓

(d) None of these

EXPLANATION

Correct Answer (c): The Earth is divided into '24 time zones', corresponding to the 24 hours in a day, with each zone roughly representing 15° of longitude ($360^\circ \div 24 = 15^\circ$).

Q165

CORRECT ANSWER: (A)

165. Which of the following is the warmest ocean?

(a) Indian Ocean ✓

(b) Pacific Ocean

(c) Atlantic Ocean

(d) None of these

EXPLANATION

Correct Answer (a): The 'Indian Ocean' is generally regarded as the warmest of the world's oceans, owing to its large tropical surface area and limited connection to cold polar waters.

Q166

CORRECT ANSWER: (B)

166. Vitamin B exists in:

(a) Fruit and Vegetables

(b) Seeds ✓

(c) Sea-food

(d) None of these

EXPLANATION

Correct Answer (b): Vitamin B (particularly B-complex vitamins like B1/Thiamine) is abundantly found in 'Seeds', whole grains, legumes, and nuts, along with meat and dairy sources.

Q167

CORRECT ANSWER: (C)

167. How many countries are declared nuclear powers?

(a) 7

(b) 8

(c) 9 ✓

(d) None of these

EXPLANATION

Correct Answer (c): As of recent record, 'nine' countries are recognized/believed to possess nuclear weapons: USA, Russia, UK, France, China, India, Pakistan, North Korea, and Israel (undeclared but widely acknowledged).

Q168

CORRECT ANSWER: (A)

168. FATF stands for:

(a) Financial Action Task Force ✓

(b) Federal Agency Task Force

(c) Financial Authority Task Force

(d) None of these

EXPLANATION

Correct Answer (a): FATF stands for 'Financial Action Task Force' — an inter-governmental body established to combat money laundering and terrorist financing globally.

Q169

CORRECT ANSWER: (D)

169. Washington D.C. is the _____ state of the USA.

(a) 48th

(b) 49th

(c) 50th

(d) None of these ✓

EXPLANATION

Correct Answer (d): Washington D.C. (District of Columbia) is a federal district and the national capital, not a U.S. state at all — it holds no state number. The 50th state to join the union was Hawaii, making 'None of these' correct.

Q170

CORRECT ANSWER: (A)

170. Which is the smallest country in the world?

(a) Vatican City ✓

(b) Maldives

(c) Monaco

(d) None of these

EXPLANATION

Correct Answer (a): 'Vatican City', with an area of just about 0.44 square kilometers, is the smallest internationally recognized sovereign state in the world by both area and population.

Q171

CORRECT ANSWER: (B)

171. Who is the founder of Wikipedia?

(a) Julian Assange

(b) Jimmy Wales ✓

(c) Bill Gates

(d) None of these

EXPLANATION

Correct Answer (b): 'Jimmy Wales' (along with Larry Sanger) co-founded Wikipedia in 2001, the free, collaboratively-edited online encyclopedia.

Q172

CORRECT ANSWER: (A)

172. _____ is known as the land of the rising sun.

(a) Japan ✓

(b) Norway

(c) Kenya

(d) None of these

EXPLANATION

Correct Answer (a): 'Japan' is traditionally called the 'Land of the Rising Sun' because, from the perspective of continental Asia, the sun appears to rise from the direction of Japan in the east (the country's name itself, 'Nihon/Nippon', translates to 'origin of the sun').

Q173

CORRECT ANSWER: (C)

173. _____ will be the next leap year.

(a) 2022

(b) 2023

(c) 2024 ✓

(d) None of these

EXPLANATION

Correct Answer (c): A leap year occurs every 4 years (with certain century-year exceptions). Since this paper was held in February 2022, and 2022/2023 are not divisible by 4, the next leap year following that point was '2024'.

Q174

CORRECT ANSWER: (A)

174. COP26 was held in which country?

(a) UK ✓

(b) USA

(c) France

(d) None of these

EXPLANATION

Correct Answer (a): The 26th UN Climate Change Conference (COP26) was held in Glasgow, Scotland, in the 'United Kingdom', in November 2021.

Q175

CORRECT ANSWER: (A)

175. The present Speaker of Pakistan's National Assembly is:

(a) Asad Qaisar ✓

(b) Asad Umar

(c) Qasim Suri

(d) None of these

EXPLANATION

Correct Answer (a): At the time this MPT exam was held (February 2022), 'Asad Qaisar' was serving as the Speaker of the National Assembly of Pakistan (he was later replaced following the change of government in April 2022).

Q176

CORRECT ANSWER: (B)

176. As per IMF sources, Pakistan's GDP growth would be _____ in the year 2022.

(a) 3.96

(b) 3.94 ✓

(c) 3.92

(d) None of these

EXPLANATION

Correct Answer (b): According to IMF projections around the time of this exam, Pakistan's GDP growth rate for 2022 was estimated at approximately '3.94' percent (figures of this kind are subject to periodic revision by the IMF).

Q177

CORRECT ANSWER: (B)

177. The Upper House of the British Parliament is:

(a) Senate

(b) House of Lords ✓

(c) House of Commons

(d) None of these

EXPLANATION

Correct Answer (b): The 'House of Lords' is the Upper House of the UK Parliament, composed of appointed and hereditary peers, while the 'House of Commons' (the Lower House) consists of elected Members of Parliament.

Q178

CORRECT ANSWER: (B)

178. SAARC stands for:

(a) South Asian Association for Regional Corporation

(b) South Asian Association for Regional Cooperation ✓

(c) South Asian Association for Regional Council

(d) None of these

EXPLANATION

Correct Answer (b): SAARC stands for 'South Asian Association for Regional Cooperation' — a regional organization of eight South Asian nations formed in 1985 to promote economic and regional cooperation.

Q179

CORRECT ANSWER: (C)

179. OIC stands for:

(a) Organization of Islamic Conference

(b) Organization of Islamic Countries

(c) Organization of Islamic Cooperation ✓

(d) None of these

EXPLANATION

Correct Answer (c): OIC currently stands for the 'Organization of Islamic Cooperation' — renamed from 'Organization of the Islamic Conference' in 2011 — the second-largest inter-governmental organization after the UN, representing the Muslim world.

Q180

CORRECT ANSWER: (A)

180. Hamas is an Islamic organization working for the:

(a) Liberation of Palestine ✓

(b) Liberation of Chechnya

(c) Liberation of Kashmir

(d) None of these

EXPLANATION

Correct Answer (a): 'Hamas' (Islamic Resistance Movement) is a Palestinian Islamist political and militant organization founded in 1987, primarily focused on the liberation and governance of Palestinian territories, including Gaza.

Q181

CORRECT ANSWER: (C)

181. The Summit for Democracy was held in _____ in December 2021.

(a) New York

(b) London

(c) Washington ✓

(d) None of these

EXPLANATION

Correct Answer (c): The first 'Summit for Democracy', hosted virtually by U.S. President Joe Biden, was convened from 'Washington D.C.' in December 2021, bringing together leaders to discuss democratic renewal worldwide.

Q182

CORRECT ANSWER: (B)

182. The author of "Governing the Ungovernable" is:

(a) Shuja Nawaz

(b) Ishrat Hussain ✓

(c) Hassan Askari

(d) None of these

EXPLANATION

Correct Answer (b): 'Governing the Ungovernable: Institutional Reforms for Democratic Governance' is authored by 'Ishrat Hussain', a distinguished Pakistani economist and former Governor of the State Bank of Pakistan.

Q183

CORRECT ANSWER: (B)

183. FATA merged with KPK under the _____ amendment to the Constitution of Pakistan.

(a) 24th

(b) 25th ✓

(c) 26th

(d) None of these

EXPLANATION

Correct Answer (b): The Federally Administered Tribal Areas (FATA) were merged into Khyber Pakhtunkhwa (KPK) province through the '25th Constitutional Amendment', passed in May 2018.

Q184

CORRECT ANSWER: (A)

184. _____ is the only female Governor appointed in Pakistan.

(a) Begum Rana Liaqat Ali Khan ✓

(b) Mohtarma Fatima Jinnah

(c) Begum Jahan Ara Shahnawaz

(d) None of these

EXPLANATION

Correct Answer (a): 'Begum Rana Liaqat Ali Khan', wife of Pakistan's first Prime Minister Liaqat Ali Khan, served as Governor of Sindh (1973–1976), making her Pakistan's only female Governor to date.

Q185

CORRECT ANSWER: (A)

185. The National Identity Card was introduced in Pakistan in:

(a) 1973 ✓

(b) 1974

(c) 1976

(d) None of these

EXPLANATION

Correct Answer (a): Pakistan's National Identity Card system was formally introduced in '1973', when the National Registration Organisation was established under Article 30 of the Second Amendment and citizen registration began (the first card was issued to Prime Minister Zulfiqar Ali Bhutto); manual issuance to the general public then continued through 1974, before the system was later modernised into today's CNIC under NADRA.

Q186

CORRECT ANSWER: (C)

186. Which rivers were given to India under the Indus Waters Treaty in 1960?

(a) Jhelum, Sutlej, Ravi

(b) Chenab, Beas, Ravi

(c) Sutlej, Beas, Ravi ✓

(d) None of these

EXPLANATION

Correct Answer (c): Under the 1960 Indus Waters Treaty, the three 'Eastern Rivers' — 'Sutlej, Beas, and Ravi' — were allocated to India, while Pakistan received rights to the three Western Rivers: Indus, Jhelum, and Chenab.

Q187

CORRECT ANSWER: (C)

187. Mohtarma Benazir Bhutto became Prime Minister of Pakistan for the first time in:

(a) October 1988

(b) November 1988

(c) December 1988 ✓

(d) None of these

EXPLANATION

Correct Answer (c): Benazir Bhutto was sworn in as Prime Minister of Pakistan for the first time on 2 December 1988, following the general elections held in November 1988, becoming the first woman to lead a Muslim-majority nation.

Q188

CORRECT ANSWER: (B)

188. During the Ayub era, presidential elections were held in:

(a) 1962

(b) 1965 ✓

(c) 1966

(d) None of these

EXPLANATION

Correct Answer (b): During Ayub Khan's rule, presidential elections under the Basic Democracies system were held in January '1965', in which Ayub Khan defeated Mohtarma Fatima Jinnah.

Q189

CORRECT ANSWER: (B)

189. The head of the state in Pakistan is the:

(a) Prime Minister

(b) President ✓

(c) Speaker NA

(d) None of these

EXPLANATION

Correct Answer (b): Under Pakistan's parliamentary system, the 'President' is the ceremonial Head of State, while the Prime Minister serves as the Head of Government, holding executive authority.

Q190

CORRECT ANSWER: (C)

190. The Lahore Resolution was passed in:

(a) 1943

(b) 1946

(c) 1940 ✓

(d) None of these

EXPLANATION

Correct Answer (c): The Lahore Resolution (also known as the Pakistan Resolution) was passed by the All-India Muslim League on 23 March '1940', formally demanding separate independent states for Muslims in British India.

Q191

CORRECT ANSWER: (C)

191. Who was the 2nd Prime Minister of Pakistan?

(a) Ch. Muhammad Ali

(b) Muhammad Ali Bogra

(c) Khawaja Nazimuddin ✓

(d) None of these

EXPLANATION

Correct Answer (c): 'Khawaja Nazimuddin' served as the second Prime Minister of Pakistan (1951-1953), succeeding Liaqat Ali Khan after his assassination, before himself moving from the Governor-Generalship to the premiership.

Q192

CORRECT ANSWER: (D)

192. Who became President after Ayub Khan resigned?

(a) Zulfikar Ali Bhutto

(b) Noorul Ameen

(c) Muhammad Khan Junejo

(d) None of these ✓

EXPLANATION

Correct Answer (d): After Ayub Khan resigned in March 1969, General 'Yahya Khan' (Commander-in-Chief of the Army) assumed the presidency and imposed martial law — a name not listed among the given options, making 'None of these' the correct answer.

Q193

CORRECT ANSWER: (A)

193. Pakistan has _____ federating units.

(a) 4 ✓

(b) 5

(c) 6

(d) None of these

EXPLANATION

Correct Answer (a): Pakistan comprises 'four' federating units (provinces): Punjab, Sindh, Khyber Pakhtunkhwa, and Balochistan, along with federal territories such as Islamabad and Gilgit-Baltistan/AJK, which are administered separately.

Q194

CORRECT ANSWER: (A)

194. Pakistan became a member of the UN in:

(a) 1947 ✓

(b) 1948

(c) 1949

(d) None of these

EXPLANATION

Correct Answer (a): Pakistan joined the United Nations on 30 September '1947', shortly after gaining independence in August 1947, becoming one of the earliest member states following its creation.

Q195

CORRECT ANSWER: (C)

195. Pakistan is situated in:

(a) Southeast Asia

(b) East Asia

(c) South Asia ✓

(d) None of these

EXPLANATION

Correct Answer (c): Pakistan is geographically and geopolitically located in 'South Asia', bordered by India, Afghanistan, Iran, and China, along the Arabian Sea coastline.

Q196

CORRECT ANSWER: (B)

196. Pakistan has borders with _____ and _____.

(a) Saudi Arabia, Iraq

(b) China, Iran ✓

(c) Both A and B

(d) None of these

EXPLANATION

Correct Answer (b): Pakistan shares international land borders with 'China' (to the north/northeast) and 'Iran' (to the west/southwest), along with India and Afghanistan — but not with Saudi Arabia or Iraq, which are not geographically adjacent to Pakistan.

Q197

CORRECT ANSWER: (C)

197. The Single National Curriculum in Pakistan was implemented at the primary level in:

(a) 2019

(b) 2020

(c) 2021 ✓

(d) None of these

EXPLANATION

Correct Answer (c): Pakistan's Single National Curriculum (SNC) was implemented for grades I-V (primary level) starting in '2021', as part of a broader education reform aiming to standardize curricula across public, private, and madrassa systems.

Q198

CORRECT ANSWER: (A)

198. The present Federal Minister of State for Climate Change in Pakistan is:

(a) Zartaj Gul ✓

(b) Amin Aslam

(c) Zulfiqar Bukhari

(d) None of these

EXPLANATION

Correct Answer (a): At the time of this MPT paper (February 2022), 'Zartaj Gul' was serving as the Federal Minister of State for Climate Change in Pakistan under the PTI government.

Q199

CORRECT ANSWER: (C)

199. The T-Twenty 2021 World Cup Champion is:

(a) Pakistan

(b) New Zealand

(c) Australia ✓

(d) None of these

EXPLANATION

Correct Answer (c): 'Australia' won the ICC Men's T20 World Cup 2021, defeating New Zealand in the final held in Dubai, to claim their first-ever T20 World Cup title.

Q200

CORRECT ANSWER: (B)

200. The National Anthem of Pakistan was officially adopted in:

(a) 1952

(b) 1954 ✓

(c) 1956

(d) None of these

EXPLANATION

Correct Answer (b): Pakistan's National Anthem ('Qaumi Taranah'), with music composed by Ahmed G. Chagla and lyrics by Hafeez Jalandhari, was first publicly broadcast on Radio Pakistan on 13 August 1954 and officially adopted by the government on 16 August 1954.