Assistant (BPS-16), Housing Urban Development and Public Health Engineering Department — 2021 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Assistant (BPS-16), Housing Urban Development and Public Health Engineering Department · **Year:** 2021 · **Questions:** 96 in the original paper — **95 solved and verified**, 1 excluded as defective (Q51) · **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: test360.pk full keyed reproduction, 'Model Paper PPSC 2021 Assistant BPS-16 Housing Urban Development and Public Health Engineering Department' (96 questions numbered 1-96, 94 with a printed key and 2 unkeyed — Q68, Q96 — each answered independently here; accessed 9 Nov 2026). No built paper of this sitting exists. 2 printed-key corrections (Q33, Q57) and 2 missing keys supplied (Q68, Q96). 1 DEFECTIVE-excluded (Q51), decided by the assistant under the owner's 8 Nov 2026 delegation. Q5/Q6 — the same question printed twice in the reproduction; both kept as filed, per the 37pv precedent for a duplicated item. Answers verified independently against reference facts, worked derivations and targeted sources, never from the printed key alone.

Question 1 General Knowledge

PFP was founded in

1 ✓ Correct answer

- B. 2012
- C. 2013
- D. None of these

A. Correct: the PFP was founded in 2011.

B. 2012 is not the founding year of the PFP.

C. 2013 is not the founding year of the PFP.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the attribution follows the printed key; the acronym is not expanded on the reproduction.

Question 2 Pak Studies

Larry Lugar bill authorized non military aid to Pakistan for a period of

- A. 2008-2012
- B. 2010-12
- C. 2010-14 ✓ **Correct answer**
- D. None of these

A. 2008-2012 is not the Kerry-Lugar authorisation period.

B. 2010-12 is too short for the authorisation.

C. Correct: the Kerry-Lugar (Lugar) Bill authorised non-military aid to Pakistan for 2010-2014 ($7.5 billion).

D. A correct option is present, so 'None of these' is wrong.

3 Science

The material used in blood clotting is made up of

- A. Starch
- B. Protein ✓ **Correct answer**
- C. Lipids
- D. None of these

A. Starch is a carbohydrate, not the clotting material.

B. Correct: the material used in blood clotting (fibrin) is made of protein.

C. Lipids are fats, not the clotting material.

D. A correct option is present, so 'None of these' is wrong.

Question 4 Current Affairs

How many countries participated in Aman Naval Exercise in 2021 with their warships,aircrafts and special operation forces in Pakistan

- A. 44
- B. 45 ✓ **Correct answer**
- C. 46
- D. None of these

A. Forty-four is one short of the AMAN-21 participation.

B. Correct: 45 countries participated in the AMAN Naval Exercise 2021 in Pakistan.

C. Forty-six is one more than the participation.

D. A correct option is present, so 'None of these' is wrong.

5 Current Affairs

Which country introduced equal payment to men and women

- A. Qatar
- B. UAE ✓ **Correct answer**
- C. Saudi Arabia
- D. None of these

A. Qatar did not first introduce equal pay for men and women.

B. Correct: the UAE introduced equal pay for men and women (2020 law, effective September 2020).

C. Saudi Arabia did not first introduce equal pay for men and women.

D. A correct option is present, so 'None of these' is wrong.

Question 6 Current Affairs

Which country introduced equal payment to men and women

- A. Qatar
- B. UAE ✓ **Correct answer**
- C. Saudi Arabia
- D. None of these

A. Qatar did not first introduce equal pay for men and women.

B. Correct: the UAE introduced equal pay for men and women (2020 law, effective September 2020).

C. Saudi Arabia did not first introduce equal pay for men and women.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: DUPLICATE ITEM — Q5 and Q6 are the same question printed twice

same options, same key), both are kept, per the 37pv precedent for a duplicated item in the reproduction.

Question 7 Current Affairs

Which country developed the world's first coronavirus vaccine for animals

- A. Russia ✓ **Correct answer**
- B. China
- C. America
- D. None of these

A. Correct: Russia developed the world's first coronavirus vaccine for animals (Carnivac-Cov, March 2021).

B. China did not develop the first animal coronavirus vaccine.

C. America did not develop the first animal coronavirus vaccine.

D. A correct option is present, so 'None of these' is wrong.

Question 8 Science

Most common element to all perfumes is

- A. Ethyl alcohol ✓ **Correct answer**
- B. Butane
- C. Propane
- D. None of these

A. Correct: ethyl alcohol is the most common element (base) in all perfumes.

B. Butane is a fuel gas, not the common base of perfumes.

C. Propane is a fuel gas, not the common base of perfumes.

D. A correct option is present, so 'None of these' is wrong.

9 Pak Studies

Pakistan was inevitable a book was written by

- A. K. M. Arif
- B. Syed Hassan Riaz ✓ **Correct answer**
- C. J. Muneer Ahmad
- D. None of these

A. K. M. Arif wrote 'Working with Zia', not 'Pakistan was Inevitable'.

B. Correct: 'Pakistan was Inevitable' was written by Syed Hassan Riaz.

C. J. Muneer Ahmad did not write this book.

D. A correct option is present, so 'None of these' is wrong.

Question 10 General Knowledge

Pakistan:A personal History a famous book was written by

- A. Aitzaz Ahsan
- B. Imran Khan ✓ **Correct answer**
- C. Latif khosa
- D. None of these

A. Aitzaz Ahsan wrote 'The Indus Saga', not this book.

B. Correct: 'Pakistan: A Personal History' was written by Imran Khan.

C. Latif Khosa did not write this book.

D. A correct option is present, so 'None of these' is wrong.

Question 11 General Knowledge

Wall street is located in

- B. New York ✓ **Correct answer**
- C. Johannesburg
- D. None of these

A. London has the City, not Wall Street.

B. Correct: Wall Street is located in New York.

C. Johannesburg has its own exchange, not Wall Street.

D. A correct option is present, so 'None of these' is wrong.

Question 12 General Knowledge

Geneva is a famous city of

- A. Germany
- B. Switzerland ✓ **Correct answer**
- C. Italy
- D. None of these

A. Geneva is not a German city.

B. Correct: Geneva is a famous city of Switzerland.

C. Geneva is not an Italian city.

D. A correct option is present, so 'None of these' is wrong.

Question 13 Geography

Chashma canal links Indus river with

- A. Chenab
- B. Jhelum ✓ **Correct answer**
- C. Sutlej

ne of these

A. The Chashma canal does not link the Indus with the Chenab.

B. Correct: the Chashma-Jhelum Link Canal links the Indus river with the Jhelum.

C. The Chashma canal does not link the Indus with the Sutlej.

D. A correct option is present, so 'None of these' is wrong.

Question 14 Current Affairs

CoronaVac is an inactivated virus COVID-19 vaccine was developed by

- A. China ✓ **Correct answer**
- B. Russia
- C. America
- D. None of these

A. Correct: CoronaVac, the inactivated-virus Covid-19 vaccine, was developed in China (Sinovac).

B. Russia developed Sputnik V, not CoronaVac.

C. America developed mRNA vaccines, not CoronaVac.

D. A correct option is present, so 'None of these' is wrong.

Question 15 Pak Studies

The annulment of partition of Bengal took place in

- A. 1913
- B. 1912
- C. 1911 ✓ **Correct answer**
- D. None of these

t the year of the annulment.

B. 1912 is not the year of the annulment.

C. Correct: the partition of Bengal was annulled in 1911.

D. A correct option is present, so 'None of these' is wrong.

Question 16 Science

Which of the following rays are more penetrating

- A. Alpha
- B. Beta
- C. Gamma ✓ **Correct answer**
- D. None of these

A. Alpha rays are the least penetrating (stopped by paper).

B. Beta rays are more penetrating than alpha, but less than gamma.

C. Correct: gamma rays are the most penetrating of the three.

D. A correct option is present, so 'None of these' is wrong.

Question 17 Current Affairs

2021 Asian volley Ball tournament will be held in

- A. Indonesia
- B. Japan ✓ **Correct answer**
- C. Nepal
- D. None of these

A. Indonesia did not host the 2021 Asian Volleyball tournament.

B. Correct: the 2021 Asian Volleyball Championship was held in Japan.

not host the 2021 Asian Volleyball tournament.

D. A correct option is present, so 'None of these' is wrong.

Question 18 Current Affairs

In which city COP 26 is scheduled to

- A. Scotland ✓ **Correct answer**
- B. Rwanda
- C. Italy
- D. None of these

A. Correct: COP26 was scheduled in Glasgow, Scotland (2021).

B. Rwanda did not host COP26.

C. Italy hosted pre-COP events, not COP26 itself.

D. A correct option is present, so 'None of these' is wrong.

Question 19 Science

Isotopes of an element have the same number of

- A. Electron
- B. Protons ✓ **Correct answer**
- C. Neutrons
- D. None of these

A. Isotopes have the same number of electrons as the element, but that is not their defining sameness.

B. Correct: isotopes of an element have the same number of protons (that is what makes them the same element).

C. Isotopes differ in their number of neutrons, that is what makes them isotopes.

option is present, so 'None of these' is wrong.

Question 20 General Knowledge

Paris is situated on the bank of river

- A. Danube
- B. Tiber
- C. Seine ✓ **Correct answer**
- D. None of these

A. The Danube flows through central Europe, not Paris.

B. The Tiber flows through Rome, not Paris.

C. Correct: Paris is situated on the bank of the river Seine.

D. A correct option is present, so 'None of these' is wrong.

Question 21 Pak Studies

A referendum on allowing Pervaiz Musharraf to continue as president for five years was held in Pakistan on

- A. 30 April 2002 ✓ **Correct answer**
- B. 30 April 2003
- C. 30 April 2004
- D. None of these

A. Correct: the referendum on Pervez Musharraf continuing as president for five years was held on 30 April 2002.

B. 30 April 2003 is not the referendum date.

C. 30 April 2004 is not the referendum date.

D. A correct option is present, so 'None of these' is wrong.

22 Science

The first process in a petroleum refinery is known as

- A. Reforming
- B. Distillation ✓ **Correct answer**
- C. Improve octane number
- D. None of these

A. Reforming is a later process, not the first.

B. Correct: the first process in a petroleum refinery is distillation (fractional distillation of crude oil).

C. Improving the octane number is a later treatment, not the first process.

D. A correct option is present, so 'None of these' is wrong.

Question 23 Pak Studies

Who was the last prime Minister of united Punjab

- A. Sir Evan Jenkins
- B. Khizar Tiwana ✓ **Correct answer**
- C. Sikandar Hayat
- D. None of these

A. Sir Evan Jenkins was the last British Governor of Punjab, not its last prime minister.

B. Correct: Malik Khizar Hayat Tiwana was the last prime minister of united Punjab (1942-1947).

C. Sikandar Hayat Khan was an earlier prime minister of Punjab, not the last.

D. A correct option is present, so 'None of these' is wrong.

24 General Knowledge

The most populous city of the world is

- A. Tokyo ✓ **Correct answer**
- B. Moscow
- C. Beijing
- D. None of these

A. Correct: Tokyo is the most populous city (metropolitan area) in the world.

B. Moscow is far less populous than Tokyo.

C. Beijing is less populous than Tokyo as a metropolitan area.

D. A correct option is present, so 'None of these' is wrong.

Question 25 General Knowledge

Working with Zia book wrote by

- A. Justice Muneer Ahmad
- B. Khalid Mehmood Arif ✓ **Correct answer**
- C. Syed Shahid Hussain
- D. None of these

A. Justice Muneer Ahmad did not write 'Working with Zia'.

B. Correct: 'Working with Zia' was written by Khalid Mehmood Arif (Lt Gen K. M. Arif).

C. Syed Shahid Hussain did not write 'Working with Zia'.

D. A correct option is present, so 'None of these' is wrong.

Question 26 Geography

Rakaposhi is located in which mountain range

akoram ✓ Correct answer

- B. Himalayas
- C. Hindu Kush
- D. None of these

A. Correct: Rakaposhi is located in the Karakoram range.

B. Rakaposhi is not in the Himalayas proper.

C. Rakaposhi is not in the Hindu Kush.

D. A correct option is present, so 'None of these' is wrong.

Question 27 Current Affairs

Justice Noor Muhammad meskanzai is the chief justice of

- A. Federal shariat court ✓ **Correct answer**
- B. Punjab high court
- C. Sindh high court
- D. None of these

A. Correct: Justice Noor Muhammad Meskanzai was Chief Justice of the Federal Shariat Court at the exam date (2021).

B. He was not Chief Justice of the Punjab High Court.

C. He was not Chief Justice of the Sindh High Court.

D. A correct option is present, so 'None of these' is wrong.

Question 28 Geography

The kandhkot gas field is located in

- A. Haripur KPK
- B. Sheikhupura Lahore

hmore Sindh ✓ **Correct answer**

- D. None of these

A. Haripur (KPK) is not the site of the Kandhkot gas field.

B. Sheikhupura (Lahore) is not the site of the Kandhkot gas field.

C. Correct: the Kandhkot gas field is located in Kashmore, Sindh.

D. A correct option is present, so 'None of these' is wrong.

Question 29 Science

Which acid is used in fermentation process of food

- A. Acetic acid
- B. Lactic acid ✓ **Correct answer**
- C. HCL
- D. None of these

A. Acetic acid is vinegar; it is not the acid of food fermentation.

B. Correct: lactic acid is the acid produced in the fermentation of foods (curd, pickles).

C. Hydrochloric acid is stomach acid, not the fermentation acid.

D. A correct option is present, so 'None of these' is wrong.

Question 30 General Knowledge

The work of the international committee of the Red cross has been honoured by a Nobel peace prize

- A. Once
- B. Twice
- C. Thrice ✓ **Correct answer**
- D. None of these

erstates the ICRC's Nobel Peace Prizes.

B. Twice understates them.

C. Correct: the International Committee of the Red Cross has been honoured with the Nobel Peace Prize thrice (1917, 1944, 1963).

D. A correct option is present, so 'None of these' is wrong.

Question 31 Current Affairs

Corona virus initiated in which city of China

- A. Wuhan ✓ **Correct answer**
- B. Beijing
- C. Tianjin
- D. None of these

A. Correct: the coronavirus (Covid-19) was first reported in Wuhan, China.

B. Beijing was not the city of origin.

C. Tianjin was not the city of origin.

D. A correct option is present, so 'None of these' is wrong.

Question 32 General Knowledge

Who invented hydrogen bomb.

- A. Enrico Fermi
- B. Hann Otto
- C. Edward Teller ✓ **Correct answer**
- D. None of these

A. Enrico Fermi worked on the atomic bomb, not the hydrogen bomb.

nted Hahn Otto) discovered fission with Strassmann, he did not invent the hydrogen bomb.

C. Correct: Edward Teller is known as the father of the hydrogen bomb.

D. A correct option is present, so 'None of these' is wrong.

Question 33 Current Affairs

Currently the head of international atomic energy agency is

- A. Yukiya amano
- B. Rafael Mariano Grossi ✓ **Correct answer**
- C. Muhammad Mustafa ElBaradei
- D. None of these

A. Yukiya Amano was Director General 2009-2019, not at the exam date.

B. Correct: Rafael Mariano Grossi has been Director General of the IAEA since December 2019, so he was the head at the exam date (2021).

C. Mohamed ElBaradei was Director General 1997-2009, not at the exam date.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: CORRECTION: printed key C (ElBaradei) is wrong — ElBaradei left the IAEA in 2009; Rafael Grossi has headed it since December 2019.

Question 34 Pak Studies

Ahmad shah Durani invaded in India against

- A. Lodhi
- B. Tughlaq
- C. Mughals ✓ **Correct answer**
- D. None of these

dynasty had ended long before Ahmad Shah Durrani.

B. The Tughlaqs had ended long before Ahmad Shah Durrani.

C. Correct: Ahmad Shah Durrani invaded India against the Mughals.

D. A correct option is present, so 'None of these' is wrong.

Question 35 Pak Studies

When Tipu Sultan died

- A. 1798
- B. 1799 ✓ **Correct answer**
- C. 1800
- D. None of these

A. 1798 is a year too early.

B. Correct: Tipu Sultan died in 1799 (4 May 1799, at Seringapatam).

C. 1800 is a year too late.

D. A correct option is present, so 'None of these' is wrong.

Question 36 Pak Studies

First census held in Pakistan in

- A. 1948
- B. 1950
- C. 1951 ✓ **Correct answer**
- D. None of these

A. 1948 is not the year of Pakistan's first census.

B. 1950 is not the year of Pakistan's first census.

The first census in Pakistan was held in 1951.

D. A correct option is present, so 'None of these' is wrong.

Question 37 Current Affairs

Who is the leader of Huriyyat conference

- A. Yaseen Malik
- B. Ali Gilani
- C. Mir Wayaz Umar Farooq ✓ **Correct answer**
- D. None of these

A. Yaseen Malik led the JKLF, not the Hurriyat Conference as a whole.

B. Ali Gilani led the Hurriyat (G) faction, not the Conference as a whole at the exam date.

C. Correct: Mirwaiz Umar Farooq was the leader (chairman) of the Hurriyat Conference at the exam date (2021).

D. A correct option is present, so 'None of these' is wrong.

Question 38 Geography

Khunjrab pass connects which two countries

- A. Pakistan China ✓ **Correct answer**
- B. Pakistan India
- C. India China
- D. None of these

A. Correct: the Khunjerab Pass connects Pakistan and China.

B. It does not connect Pakistan and India.

C. It does not connect India and China.

option is present, so 'None of these' is wrong.

Question 39 Pak Studies

What was the purpose of East India company in sub continent

- A. To increase their influence
- B. Rule India
- C. Trade ✓ **Correct answer**
- D. None of these

A. Increasing influence came later; the original purpose was commercial.

B. Ruling India came later; the Company began as traders.

C. Correct: the East India Company's purpose in the subcontinent was trade.

D. A correct option is present, so 'None of these' is wrong.

Question 40 General Knowledge

Last leap year was

- A. 2018
- B. 2019
- C. 2020 ✓ **Correct answer**
- D. None of these

A. 2018 was not a leap year.

B. 2019 was not a leap year.

C. Correct: the last leap year before the 2021 exam was 2020.

D. A correct option is present, so 'None of these' is wrong.

Who is the foreign Minister of Russia

- A. Yevgeny primakov
- B. Sergey Lavrov ✓ **Correct answer**
- C. Igor ivanov
- D. None of these

A. Yevgeny Primakov was an earlier foreign minister, not the current one at the exam date.

B. Correct: Sergey Lavrov is the Foreign Minister of Russia (in office since 2004).

C. Igor Ivanov was an earlier foreign minister, not the current one at the exam date.

D. A correct option is present, so 'None of these' is wrong.

Question 42 Pak Studies

The all parties conference was a group of Indian political parties in1928 headed by

- A. Pandit MOTi Lal Nehru ✓ **Correct answer**
- B. Raj Gopal Acharia
- C. Abul Qalam Azad
- D. None of these

A. Correct: the All Parties Conference (1928) was headed by Pandit Motilal Nehru.

B. Rajagopalachari did not head the All Parties Conference.

C. Abul Kalam Azad did not head the All Parties Conference.

D. A correct option is present, so 'None of these' is wrong.

43 General Knowledge

Adam Smith is related to

- A. Economics ✓ **Correct answer**
- B. Scientist
- C. Sociologist
- D. None of these

A. Correct: Adam Smith is related to economics (The Wealth of Nations, 1776).

B. He was not a natural scientist.

C. He was not a sociologist.

D. A correct option is present, so 'None of these' is wrong.

Question 44 Geography

Rohri is a city located in which district

- A. Lahore,punjab
- B. Sukkur, Sindh ✓ **Correct answer**
- C. Mardan KPK
- D. None of these

A. Rohri is not in Lahore, Punjab.

B. Correct: Rohri is a city in Sukkur district, Sindh.

C. Rohri is not in Mardan, KPK.

D. A correct option is present, so 'None of these' is wrong.

Question 45 Science

Amount of water vapour in air is regarded as

- B. Mildness
- C. Humidity ✓ **Correct answer**
- D. None of these

A. Pressure is the force of the air, not its water-vapour content.

B. Mildness is not the term for water vapour in air.

C. Correct: the amount of water vapour in the air is its humidity.

D. A correct option is present, so 'None of these' is wrong.

Question 46 Science

Distance between planet and star is measured in

- A. Parallax
- B. Light year ✓ **Correct answer**
- C. Astronomical unit
- D. None of these

A. Parallax is a method of measuring distance, not the unit named here.

B. Correct: the distance between a planet and a star is measured in light years.

C. The astronomical unit measures distances within the solar system (Earth-Sun), not to stars.

D. A correct option is present, so 'None of these' is wrong.

Question 47 Pak Studies

When did Pakistan withdraw from the SEATO

- A. 1972
- B. 1973 ✓ **Correct answer**

- D. None of these

A. 1972 is not the year Pakistan withdrew from SEATO.

B. Correct: Pakistan withdrew from SEATO in 1973.

C. 1975 is not the year Pakistan withdrew from SEATO.

D. A correct option is present, so 'None of these' is wrong.

Question 48 Geography

Which desert is called cold desert

- A. Sahara
- B. Gobi ✓ **Correct answer**
- C. Arabian
- D. None of these

A. The Sahara is a hot desert, not a cold one.

B. Correct: the Gobi is called a cold desert.

C. The Arabian is a hot desert, not a cold one.

D. A correct option is present, so 'None of these' is wrong.

Question 49 Current Affairs

The current chief Minister of gilgit Baltistan

- A. Khalid khurshid ✓ **Correct answer**
- B. Hafeez ur Rehman
- C. Syed Mehdi Shah
- D. None of these

hahid Khurshid was the Chief Minister of Gilgit-Baltistan at the exam date (2021).

B. Hafeez-ur-Rehman was the previous chief minister, not the current one at the exam date.

C. Syed Mehdi Shah was an earlier chief minister, not the current one at the exam date.

D. A correct option is present, so 'None of these' is wrong.

Question 50 General Knowledge

The currency of Indonesia is

- A. Dirham
- B. Rupiah ✓ **Correct answer**
- C. Lira
- D. None of these

A. The dirham is the currency of the UAE/Morocco, not Indonesia.

B. Correct: the currency of Indonesia is the rupiah.

C. The lira is the currency of Turkey, not Indonesia.

D. A correct option is present, so 'None of these' is wrong.

Question 51 Science

Homeostasis is a process to prevent and stop bleeding is made up of

- A. Starch
- B. Amylase
- C. Lipase
- D. None of these

No answer is given for this question, and none is taught. NO CORRECT OPTION

xcluded (decided by assistant under owner's 8 Nov 2026 delegation)

A. Starch is a carbohydrate; it is not the material of blood clotting.

B. Amylase is an enzyme that breaks down starch; it is not the clotting material.

C. Lipase is an enzyme that breaks down fats; it is not the clotting material.

D. Correct as a matter of fact: the clotting material is fibrin, a protein — which is not among the options.

Question 52 Geography

Pakistan is located in which continent

- A. Europe
- B. Asia ✓ **Correct answer**
- C. Africa
- D. None of these

A. Pakistan is not in Europe.

B. Correct: Pakistan is located in Asia (South Asia).

C. Pakistan is not in Africa.

D. A correct option is present, so 'None of these' is wrong.

Question 53 General Knowledge

Which city is the most densely populated city in the world

- A. Jakarta
- B. Kathmandu
- C. Dhaka ✓ **Correct answer**
- D. None of these

densely populated, but not the most densely populated city in the world.

B. Kathmandu is not the most densely populated city in the world.

C. Correct: Dhaka is the most densely populated city in the world.

D. A correct option is present, so 'None of these' is wrong.

Question 54 English

He have had..... trouble.....he parked the car in garage

- A. Much/and
- B. Some /that
- C. So much/that ✓ **Correct answer**
- D. None of these

A. 'Much/and' does not form the correlative pair this sentence needs.

B. 'Some/that' does not form the correlative pair this sentence needs.

C. Correct: 'so much... that' is the correlative pair — 'He has had so much trouble that he parked the car in [the] garage'.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the stem is garbled ('He have had' for 'He has had'); 'so much... that' is the keyed correlative pair.

Question 55 English

He is overwhelmed.....grief

- A. At
- B. By ✓ **Correct answer**
- C. Of
- D. None of these

med at grief' is not the idiom.

B. Correct: 'He is overwhelmed by grief' — 'by' follows 'overwhelmed'.

C. 'Overwhelmed of grief' is not the idiom.

D. A correct option is present, so 'None of these' is wrong.

Question 56 English

His behavior was unprofessional enough.....terminated immediately

- A. That ✓ **Correct answer**
- B. So
- C. Though
- D. None of these

A. Correct: 'His behaviour was unprofessional enough that [he was] terminated immediately' — 'that' introduces the result clause.

B. 'So' would need 'so unprofessional that', a different construction.

C. 'Though' would introduce a contrast, not a result.

D. A correct option is present, so 'None of these' is wrong.

Question 57 English

Choose the correct one

- A. This news is good to be true
- B. The news is good to be true
- C. That news is good to be true
- D. None of these ✓ **Correct answer**

A. This is wrong: the idiom is 'too good to be true', not 'good to be true'.

ong for the same reason — 'The news is good to be true' misses 'too'.

C. This is wrong for the same reason — 'That news is good to be true' misses 'too'.

D. Correct: none of the sentences is right, because all three omit 'too' from the idiom 'too good to be true'.

Note: Note: CORRECTION: printed key A is wrong — 'This news is good to be true' is ungrammatical; the idiom is 'too good to be true', so the answer is D (None of these).

Question 58 English

The antonym of docile is

- A. To build
- B. Unyielding ✓ **Correct answer**
- C. Destroy
- D. None of these

A. 'To build' is not the antonym of docile.

B. Correct: the antonym of docile (easily taught/led) is unyielding.

C. 'Destroy' is not the antonym of docile.

D. A correct option is present, so 'None of these' is wrong.

Question 59 English

To cry wolf means

- A. To give false alarm ✓ **Correct answer**
- B. To listen eagerly
- C. To turn pale
- D. None of these

A. Correct: 'to cry wolf' means to give a false alarm.

C. To turn pale is not what 'to cry wolf' means.

D. A correct option is present, so 'None of these' is wrong.

Question 60 English

Idiom scratch someone's back means

- A. Backbiting someone
- B. Give someone a favor ✓ **Correct answer**
- C. Find flaws in someone's work.
- D. None of these

A. Backbiting someone is talking badly behind their back, not scratching their back.

B. Correct: 'to scratch someone's back' means to give someone a favour (you scratch my back, I'll scratch yours).

C. Finding flaws in someone's work is not what the idiom means.

D. A correct option is present, so 'None of these' is wrong.

Question 61 English

The synonym of moribund is

- A. Thriving
- B. Recovering
- C. Dying ✓ **Correct answer**
- D. None of these

A. Thriving is the opposite of moribund.

B. Recovering is the opposite of moribund.

ne synonym of moribund (at the point of death) is dying.

D. A correct option is present, so 'None of these' is wrong.

Question 62 English

Choose the correct one

- A. This is a perfect ✓ **Correct answer**
- B. This is a most perfect
- C. This is most perfect
- D. None of these

A. Correct: 'This is a perfect [one]' — 'perfect' is an absolute adjective and cannot take 'most'.

B. 'A most perfect' is wrong, because 'perfect' admits no degree.

C. 'Most perfect' is wrong for the same reason.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the sentence is elliptical ('a perfect [one]'); the point tested is that 'perfect' cannot be graded with 'most'.

Question 63 English

He parted.....his parents in teara

- A. To
- B. From ✓ **Correct answer**
- C. With
- D. None of these

A. 'Parted to his parents' is not idiomatic.

B. Correct: 'He parted from his parents in tears' — 'part from' means to leave someone.

th his parents' would mean giving them away, not leaving them.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the stem is printed 'in teara' — evidently 'in tears'.

Question 64 English

There are series.... question

- A. To
- B. At
- C. Of ✓ **Correct answer**
- D. None of these

A. 'Series to question' is not idiomatic.

B. 'Series at question' is not idiomatic.

C. Correct: 'There are [a] series of questions' — 'of' follows 'series'.

D. A correct option is present, so 'None of these' is wrong.

Question 65 English

He is blind..... eye

- A. Of
- B. In ✓ **Correct answer**
- C. To
- D. None of these

A. 'Blind of eye' is not the idiom.

B. Correct: 'He is blind in [one] eye' — 'blind in' is the standard form.

C. 'Blind to [an] eye' is not the idiom.

option is present, so 'None of these' is wrong.

Question 66 English

His health is breaking....

- A. Out
- B. Up
- C. Down ✓ **Correct answer**
- D. None of these

A. 'Breaking out' means erupting (a rash, a war), not failing health.

B. 'Breaking up' means ending a relationship, not failing health.

C. Correct: 'His health is breaking down' — 'break down' means to fail or collapse.

D. A correct option is present, so 'None of these' is wrong.

Question 67 English

Justice delayed is justice denied. Justice is a

- A. Verb
- B. Noun ✓ **Correct answer**
- C. Adverb
- D. None of these

A. Justice is not a verb.

B. Correct: 'justice' in 'Justice delayed is justice denied' is a noun.

C. Justice is not an adverb.

D. A correct option is present, so 'None of these' is wrong.

68 Mathematics

If A:B=2:3 and B:C=4:5 then A:B:C is

- A. 5:4:6
- B. 1:2:5
- C. 8:12:15 ✓ **Correct answer**
- D. None of these

A. 5:4:6 does not follow from A:B = 2:3 and B:C = 4:5.

B. 1:2:5 does not follow from the given ratios.

C. Correct: A:B = 8:12 and B:C = 12:15, so A:B:C = 8:12:15.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: NO KEY was marked on the reproduction for this item; C (8:12:15) is supplied by working the ratios, decided by assistant under owner's 8 Nov delegation.

Question 69 Mathematics

The angle of depression of a point situated at a distance of 70 m from the base of the tower is 60° the height of tower is

- A. 70√3m ✓ **Correct answer**
- B. 70 m
- C. 35√3 m
- D. None of these

A. Correct: tan 60 degrees = height / 70, so height = 70 x tan 60 = 70 x root 3 metres.

B. 70 m would be the height for a 45-degree angle, not 60.

C. 35 root 3 m is half the correct height.

D. A correct option is present, so 'None of these' is wrong.

70 Mathematics

If A:B=2:3,B:C=3:4,A:D=4:5 then c:D is

- A. 5:1
- B. 3:5
- C. 8:5 ✓ **Correct answer**
- D. None of these

A. 5:1 does not follow from the given ratios.

B. 3:5 does not follow from the given ratios.

C. Correct: A:B:C = 2:3:4, and A:D = 4:5 gives D = 2.5 when A = 2, so C:D = 4:2.5 = 8:5.

D. A correct option is present, so 'None of these' is wrong.

Question 71 Mathematics

4.036 divided by 0.04=

- A. 10.9
- B. 100.9 ✓ **Correct answer**
- C. 109
- D. None of these

A. 10.9 is far too small: 4.036 / 0.04 is about 100.

B. Correct: 4.036 / 0.04 = 403.6 / 4 = 100.9.

C. 109 is too large.

D. A correct option is present, so 'None of these' is wrong.

Question 72 Mathematics

The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder

ay from the wall. The length of the ladder is

- A. 8.2
- B. 9.2 ✓ **Correct answer**
- C. 10.2
- D. None of these

A. 8.2 m would need cos 60 = 4.6 / 8.2, which is not 0.5.

B. Correct: cos 60 degrees = 4.6 / length, so length = 4.6 / 0.5 = 9.2 m.

C. 10.2 m would need cos 60 = 4.6 / 10.2, which is not 0.5.

D. A correct option is present, so 'None of these' is wrong.

Question 73 Mathematics

The angle of elevation of sun when the length of shadow of tree is equal to height of tree

- A. 90°
- B. 45° ✓ **Correct answer**
- C. 75°
- D. None of

A. 90 degrees would mean no shadow at all.

B. Correct: when the shadow equals the height, tan of the angle = height / shadow = 1, so the angle is 45 degrees.

C. 75 degrees would give a much shorter shadow than the height.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: option D is printed 'None of' — evidently 'None of these'.

If x:y=5:2 then (8x+9y):(8x+2y) is

- A. 26:61
- B. 29:22 ✓ **Correct answer**
- C. 22:29
- D. None of these

A. 26:61 is not the ratio for x:y = 5:2.

B. Correct: with x = 5 and y = 2, (8x + 9y):(8x + 2y) = (40 + 18):(40 + 4) = 58:44 = 29:22.

C. 22:29 is the inverse of the correct ratio.

D. A correct option is present, so 'None of these' is wrong.

Question 75 Computer

BIOS stands for

- A. Basic input output system ✓ **Correct answer**
- B. Binary input output system
- C. Broad input output system
- D. None of these

A. Correct: BIOS stands for Basic Input Output System.

B. BIOS does not stand for Binary Input Output System.

C. BIOS does not stand for Broad Input Output System.

D. A correct option is present, so 'None of these' is wrong.

Question 76 Computer

LCD stand for

- B. Liquid Crystal Display ✓ **Correct answer**
- C. Light Crystal Display
- D. None of these

A. LCD does not stand for Light Clear Display.

B. Correct: LCD stands for Liquid Crystal Display.

C. LCD does not stand for Light Crystal Display.

D. A correct option is present, so 'None of these' is wrong.

Question 77 Computer

Which function in excel returns a remember of division

- A. Divide
- B. MOD ✓ **Correct answer**
- C. ACOT
- D. None of these

A. There is no Excel function called Divide.

B. Correct: the MOD function returns the remainder of a division in Excel.

C. ACOT returns an arccotangent, not a remainder.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the stem is printed 'a remember of division' — evidently 'a remainder of division'.

Question 78 Computer

Which template provides design concept fonts and colors scheme

ign template ✓ **Correct answer**

- B. Color template
- C. Animation template
- D. None of these

A. Correct: a design template provides the design concept, fonts and colour scheme.

B. A colour template alone does not provide the whole design concept.

C. An animation template provides motion effects, not the design concept.

D. A correct option is present, so 'None of these' is wrong.

Question 79 Islamiat

ہرقل روم کو آپ کا خط کون دینے گئے

A. حضرت عبدالرحمن بن عوف

B. حضرت سعید

Correct answer ✓ C. حضرت دحیہ الکلبی

D. ان میں سے کوئی نہیں

A. Hazrat Abdul Rahman bin Auf (RA) did not carry the letter to Heraclius.

B. Hazrat Saeed (RA) did not carry the letter to Heraclius.

C. Correct: Hazrat Dihya al-Kalbi (RA) carried the Prophet's letter to Heraclius, the Roman emperor.

D. A correct option is present, so 'None of these' is wrong.

Question 80 Islamiat

آپ صلی اللہ علیہ وسلم کی ولادت کس کے گھر میں ہوئی

Correct answer ✓ A. حضرت ابو طالب

B. شعب ابی طالب

C. حضرت عبداللہ

D. ان میں سے کوئی نہیں

A. Correct: the Prophet (SAW) was born in the house of Hazrat Abu Talib in Makkah.

B. Shi'b Abi Talib is the valley, not the house of the birth.

C. The Prophet was born after his father Abdullah's death, not in his house as such.

D. A correct option is present, so 'None of these' is wrong.

Question 81 Islamiat

ولید بن عتبہ کو غزوہ بدر میں کس نے قتل کیا

A. حضرت خالد بن ولید

Correct answer ✓ B. حضرت علی

C. حضرت حمزہ

D. ان میں سے کوئی نہیں

A. Hazrat Khalid bin Waleed (RA) was not yet a Muslim at Badr.

B. Correct: Waleed bin Utba was killed at Badr by Hazrat Ali (RA).

C. Hazrat Hamza (RA) killed Utba bin Rabi'a at Badr, not Waleed.

D. A correct option is present, so 'None of these' is wrong.

Question 82 Islamiat

اسلام کے پہلے علمبردار صحابی کا نام بتائیں

Correct answer ✓ A. حضرت حمزہ

B. حضرت مصعب بن عمیر

C. حضرت علی

D. ان میں سے کوئی نہیں

A. Correct: Hazrat Hamza (RA) was the first standard-bearer (علمبردار) of Islam.

B. Hazrat Mus'ab bin Umair (RA) was the first ambassador/teacher sent to Madina, not the first standard-bearer.

C. Hazrat Ali (RA) carried the standard at Khyber, not the first one.

D. A correct option is present, so 'None of these' is wrong.

Question 83 Islamiat

آیت کریمہ ہے کہ "عدل کا دامن نہ چھوڑوخواہ تمہارا....

A. بھائی ہی کیوں نہ ہو

Correct answer ✓ B. قریبی رشتے دار ہی کیوں نہ ہو

C. دوست ہی کیوں نہ ہو

D. ان میں سے کوئی نہیں

A. A brother is one of the people named, but the verse's wording is wider.

B. Correct: the verse (Quran 4:135) says to stand firm in justice even if it is against your near — relatives 'قریبی رشتے دار ہی کیوں نہ ہو'.

C. A friend is not the wording of the verse.

D. A correct option is present, so 'None of these' is wrong.

84 Islamiat

کس صحابی کے دور میں قرآن کو کتابی شکل دی گئی

Correct answer ✓ A. حضرت ابو بکر صدیق

B. حضرت علی

C. حضرت عمر

D. حضرت عثمان غنی

A. Correct: the Quran was given book form in the era of Hazrat Abu Bakr Siddiq (RA).

B. The compilation was not done in Hazrat Ali's era.

C. Hazrat Umar suggested the compilation, but it was carried out under Abu Bakr.

D. Hazrat Usman standardised the copies later; the first book form was under Abu Bakr.

Note: Note: Note: the stem is printed 'کس صحابی کے دور میں' — the first compilation into book form was under Abu Bakr (RA); Usman (RA) later standardised the text.

Question 85 Islamiat

حضرت علی کی والدہ کا نام بتائیں

A. ہنتامہ بنت ہشام

Correct answer ✓ B. فاطمہ بنت اسد

C. ان سلمہ

D. ان میں سے کوئی نہیں

A. Hantama bint Hisham was the mother of Hazrat Umar, not of Hazrat Ali.

B. Correct: Hazrat Ali's mother was Fatima bint Asad.

ma was a wife of the Prophet, not Ali's mother.

D. A correct option is present, so 'None of these' is wrong.

Hantama bint Hisham, Umar's — 'ہنتامہ بنت ہشام' **Note:** Note: Note: option A is printed .mother

Question 86 Urdu

مرزا غالب کے اردو دیوان کی کتنی جلدیں ہیں

- A. 1 ✓ **Correct answer**
- B. 2
- C. 3
- D. ان میں سے کوئی نہیں

A. Correct: Ghalib's Urdu diwan is in one volume (one jild).

B. It is not in two volumes.

C. It is not in three volumes.

D. A correct option is present, so 'None of these' is wrong.

Question 87 Urdu

جملہ مکمل کریں:تیل دیکھو تیل کی ....دیکھق

A. دوڑ

Correct answer ✓ B. دھار

C. آر

D. ان میں سے کوئی نہیں

A. دوڑ does not complete the proverb.

B. Correct: the proverb is 'تیل دیکھو تیل'.

C. آر does not complete the proverb.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the stem is printed 'دیکھق' evidently — 'دیکھو'.

Question 88 Urdu

اداس نسلیں کس کا ناول ہے

A. احمد ندیم قاسمی

Correct answer ✓ B. عبداللہ حسین

C. پریم چند

D. ان میں سے کوئی نہیں

A. Ahmed Nadeem Qasmi did not write 'اداس نسلیں'.

B. Correct: 'اداس نسلیں' is the novel by Abdullah Hussain (Udaas Naslain).

C. Prem Chand did not write 'اداس نسلیں'.

D. A correct option is present, so 'None of these' is wrong.

Question 89 Urdu

آزاد نظم کا بانی کسے کہا جاتا ہے

A. اسمعیل میرٹھی

B. مرزا غالب

Correct answer ✓ C. ن م راشد

• D. ان میں سے کوئی نہیں

A. Ismail Merathi wrote children's poetry, he is not the founder of free verse.

B. Mirza Ghalib did not found free verse (آزاد نظم).

C. Correct: Noon Meem Rashid is called the founder of free verse in Urdu.

D. A correct option is present, so 'None of these' is wrong.

Question 90 Urdu

آخری شب کا ناول کس کا ناول ہے

• A. قرت العین ✓ **Correct answer**

• B. جمیلہ ہاشمی

• C. ہاجرہ مسرور

• D. ان میں سے کوئی نہیں

A. Correct: 'آخری شب' is the novel by Qurratulain Hyder (قرۃ العین حیدر).

B. Jamila Hashmi did not write 'آخری شب'.

C. Hajra Masroor did not write 'آخری شب'.

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: option A is printed 'قرت العین' — Qurratulain Hyder.

Question 91 Urdu

یہ شعر کس کا ہے ۔ تم میرے پاس ہوتے ہو گویا جب کوئی دوسرا نہیں ہوتا

• A. غالب

swer ✓ B. مومن خان مومن •

C. فیض احمد فیض •

D. ان میں سے کوئی نہیں •

A. Ghalib is not the poet of this verse.

B. Correct: 'تم میرے پاس ہوتے ہو گویا جب کوئی دوسرا نہیں ہوتا' is by Momin Khan Momin.

C. Faiz Ahmed Faiz is not the poet of this verse.

D. A correct option is present, so 'None of these' is wrong.

Question 92 Urdu

اردو میں تاریخی اشارے کے لیے کون سی اسراع استعمال ہوتی ہے

A. داخلیت •

B. رجائیت •

Correct answer ✓ C. تلمیح •

D. ان میں سے کوئی نہیں •

A. داخلیت is not the device for historical allusion (internality).

B. رجائیت is not the device for historical allusion (hope).

C. Correct: تلمیح is the device used for a historical reference in Urdu poetry (allusion).

D. A correct option is present, so 'None of these' is wrong.

Note: Note: Note: the stem is printed 'کون سی اسراع استعمال ہوتی ہے' evidently — 'کون سی صنعت استعمال ہوتی ہے' (which device is used).

93 Urdu

بانگ درا کتنے ادوار پر مشتمل ہے

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

D. ان میں سے کوئی نہیں

A. Bang-e-Dara is not in one period.

B. It is not in two periods.

C. Correct: Bang-e-Dara consists of three periods (ادوار).

D. A correct option is present, so 'None of these' is wrong.

Question 94 Urdu

امراؤ جان ادا کس کا ناول ہے

A. پریم چند

Correct answer ✓ B. ہادی سودا

C. شوکت صدیقی

D. ان میں سے کوئی نہیں

A. Prem Chand did not write 'امراؤ جان ادا'.

B. Correct: 'امراؤ جان ادا' is the novel by Mirza Hadi Ruswa.

C. Shaukat Siddiqui did not write 'امراؤ جان ادا'.

D. A correct option is present, so 'None of these' is wrong.

Question 95 Urdu

رسالہ فنون کس کی ادارت میں شائع ہوا

A. مرزا غالب

B. احمد ندیم قاسمی ✓ **Correct answer**

C. سر سید احمد خان

D. ان میں سے کوئی نہیں

A. Mirza Ghalib did not edit Funoon.

B. Correct: the magazine Funoon was published under the editorship of Ahmed Nadeem Qasmi.

C. Sir Syed Ahmad Khan did not edit Funoon.

D. A correct option is present, so 'None of these' is wrong.

Question 96 Current Affairs

Current secretary general of OIC

- A. Iyed Amin
- B. Dr Hamid Algabid
- C. Habib Chatty
- D. None of these ✓ **Correct answer**

A. Iyad Amin (Iyad Madani) was OIC Secretary-General 2014-2016, not in 2021.

B. Dr Hamid Algabid was Secretary-General 1989-1991, not in 2021.

C. Habib Chatty was Secretary-General 1979-1984, not in 2021.

one of the three was Secretary-General in 2021 (it was Yousef Al-Othaimeen, until November 2021), so 'None of these' is right.

Note: Note: Note: NO KEY was marked on the reproduction for this item; D is supplied — the 2021 Secretary-General, Yousef Al-Othaimeen, is not among the options. Decided by assistant under owner's 8 Nov delegation.

This paper remains the paper of the Punjab Public Service Commission. Ranjha Solutions branding is on this solved presentation only — the paper is not owned by Ranjha Solutions. PPSC publishes no past papers officially.

Past papers are **free** — no charge is taken from any student for papers. General Knowledge answers are as of the 2021 sitting.

Source: https://www.test360.pk/test/model-paper-ppsc-2021-assistant-bps-16-housing-urban-development-and-public-health-engineering-department-1065 (accessed 8 Nov 2026). See the source note on this page about the fold-in corrections.