# ESE General (BS-14), Labour & Human Resource Department (Afternoon) — 2019 · Solved Past Paper

**Body:** Punjab Public Service Commission (PPSC) · **Post:** ESE General (BS-14), Labour & Human Resource Department (Afternoon) · **Year:** 2019 · **Questions:** 100 in the original paper — **99 solved and verified**, 1 excluded as defective (Q2) · **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 2019 sitting.

**Source note:** test360.pk full keyed reproduction (100 questions numbered 1-100, 93 with a single printed key and 7 without a printed key; accessed 9 Nov 2026). No built paper of this sitting exists. 2 printed-key corrections (Q6, Q52) and 7 missing keys supplied (Q17, Q37, Q39, Q40, Q42, Q68, Q79). 6 PICK-ONE (Q3, Q22, Q30, Q35, Q39, Q68) and 1 DEFECTIVE-excluded (Q2), decided by the assistant under the owner's 8 Nov 2026 delegation. Answers verified independently against reference facts, worked derivations and targeted sources, never from the printed key alone.

## Question 1 Computer Science

Which is valid statement?

- A. 1 MB=1024 bytes
- B. 1 KB=1024bytes ✓ **Correct answer**
- C. 1 KB=8bytes
- D. 1 MB=8KB

024 KB, not 1024 bytes.

**B.** 1 KB is 1024 bytes.

**C.** 1 KB is 1024 bytes, not 8 bytes.

**D.** 1 MB is 1024 KB, not 8 KB.

## Question 2 Mathematics

If 80% of the applications to a program were rejected,what is the ratio of the number accepted to the number rejected?

- A. 1/6
- B. 1/5
- C. 4/1
- D. 4/5

**No answer is given for this question, and none is taught.** NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

**A.** 1/6 is not the accepted-to-rejected ratio.

**B.** 1/5 is not the accepted-to-rejected ratio.

**C.** 4/1 is the inverse of the true ratio.

**D.** 4/5 is not the accepted-to-rejected ratio.

## Question 3 Mathematics

If 7/21 of a number is 6, what is 14/21 of that number?

- A. 12 ✓ **Correct answer**
- B. 12
- C. 8
- D. 11

e number is 6, so the number is 18, and 14/21 of 18 is 12.

**B.** Option B also reads 12, identical to A.

**C.** 8 is not 14/21 of 18.

**D.** 11 is not 14/21 of 18.

**Note:** Note: PICK-ONE — options A and B are identical ('12'); A is picked as the printed key. Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 4 English

Choose the correct pronoun: I didn't realize I had forgotten my passport until I reached the airport,.....was very annoying.

- A. Which ✓ **Correct answer**
- B. That
- C. What
- D. Where

**A.** 'Which' is the relative pronoun for the clause about the annoying fact.

**B.** 'That' does not fit this non-defining comment clause as well as 'which'.

**C.** 'What' is not the right relative pronoun here.

**D.** 'Where' is a place pronoun, not right here.

## Question 5 English

Choose the correct article: Would you like.....apple? No,thanks, I'm not hungry.

- A. A
- B. An ✓ **Correct answer**
- C. Article not required
- D. The

s wrong before a vowel sound.

**B.** 'An apple' is correct before the vowel sound of 'apple'.

**C.** An article is required before the singular noun 'apple'.

**D.** 'The apple' would mean a specific apple, not 'any apple'.

## Question 6 Computer Science

In PowerPoint,a new presentation can be created from:

- A. From existing presentation
- B. From design template
- C. Blank presentation
- D. All of these ✓ **Correct answer**

**A.** A new presentation can be created from an existing presentation.

**B.** It can be created from a design template.

**C.** It can be created from a blank presentation.

**D.** All three routes are valid, so 'All of these' is the complete answer.

**Note:** Note: PRINTED-KEY CORRECTION: printed C (Blank presentation) to D (All of these). Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 7 General Knowledge

Which country hosted Commonwealth Games 2018?

- A. South Africa
- B. Australia ✓ **Correct answer**
- C. USA
- D. India

ca did not host the 2018 Commonwealth Games.

**B.** Australia hosted the 2018 Commonwealth Games (Gold Coast).

**C.** The USA did not host them.

**D.** India did not host them (it hosted in 2010).

## Question 8 English

Choose the correct preposition: I have many posters....the wall above my bad.

- A. Till
- B. On ✓ **Correct answer**
- C. In
- D. At

**A.** 'Till the wall' is not the right preposition for posters fixed to a wall.

**B.** Posters hang 'on' the wall.

**C.** 'In the wall' would mean inside the wall.

**D.** 'At the wall' is not the idiom for posters.

## Question 9 General Knowledge

Where was the headquarters of the League of Nations situated?

- A. Washington DC
- B. Brussels
- C. Paris
- D. Geneva ✓ **Correct answer**

**A.** The League of Nations headquarters was not in Washington DC.

**B.** It was not in Brussels.

in Paris.

**D.** The headquarters of the League of Nations was in Geneva.

## Question 10 English

Change the voice (active to passive): "I will not allow you" to use your dictionary in the test.

- A. You are not allowed to use your dictionary in the test
- B. I have not allowed you to use your dictionary in the test
- C. You will not be allowed to use your dictionary in the test ✓ **Correct answer**
- D. Who allowed you to use your dictionary in the test?

**A.** 'You are not allowed' loses the future sense of 'will not allow'.

**B.** 'I have not allowed' is the wrong tense and voice.

**C.** 'You will not be allowed to use your dictionary in the test' is the correct passive.

**D.** 'Who allowed you' changes the meaning entirely.

## Question 11 Pakistan Studies

In India Taj Mahal was built by Mughal emperor:

- A. Shah Jahan ✓ **Correct answer**
- B. Akbar
- C. Babur
- D. Aurangzeb

**A.** The Taj Mahal was built by Mughal emperor Shah Jahan.

**B.** It was not built by Akbar.

**C.** It was not built by Babur.

# Question 12 English

Choose the correct sentence that best represents the reported speech: She said, "I visited Oxford University yesterday."

- A. She told that she visited Oxford University yesterday
- B. She told that I visited Oxford University yesterday
- C. She said she would visit Oxford the following day
- D. She told that she had visited Oxford University the previous day ✓ **Correct answer**

**A.** 'She told that she visited' is wrong on tense and structure.

**B.** 'She told that I visited' keeps the wrong pronoun and tense.

**C.** 'She would visit the following day' changes the meaning.

**D.** 'She told that she had visited Oxford University the previous day' is the correct reported speech.

# Question 13 Pakistan Studies

In 1985, a Pakistani became the secretary General of the OIC. His name was:

- A. Muneer Akram
- B. Sharif ud Din Peerzada ✓ **Correct answer**
- C. Yaqub A. Khan
- D. S. M. Zafar

**A.** Muneer Akram did not become OIC Secretary General in 1985.

**B.** Sharif-ud-Din Peerzada became Secretary General of the OIC in 1985.

**C.** Yaqub A. Khan did not become OIC Secretary General in 1985.

r did not become OIC Secretary General in 1985.

## Question 14 English

Correct the following sentence by identifying the right option: I came to work with the bus today.

- A. I come to work with the bus today
- B. I would come to work with a bus today
- C. I came to work by bus today ✓ **Correct answer**
- D. I came to work with bus today

**A.** 'With the bus' is not the idiom for the means of travel.

**B.** 'Would come' changes the tense without fixing the preposition.

**C.** 'I came to work by bus today' is correct.

**D.** 'With bus' is missing the article and the wrong preposition.

## Question 15 Pakistan Studies

In September 1958, the Deputy Speaker, Shahed Ali Patwary, died as a result of injuries sustained in the Provincial Assembly of:

- A. NWFP
- B. West Pakistan
- C. Sindh
- D. East Pakistan ✓ **Correct answer**

**A.** Shahed Ali Patwary was not injured in the NWFP Assembly.

**B.** He was not injured in the West Pakistan Assembly.

**C.** He was not injured in the Sindh Assembly.

**D.** In September 1958 Deputy Speaker Shahed Ali Patwary died of injuries sustained in the

n Provincial Assembly.

# Question 16 General Knowledge

Identify the country which is not a member of ASEAN (The Association of South East Asian Nations):

- A. Malaysia
- B. Republic of Korea ✓ **Correct answer**
- C. Cambodia
- D. Indonesia

**A.** Malaysia is a member of ASEAN.

**B.** The Republic of Korea is not a member of ASEAN.

**C.** Cambodia is a member of ASEAN.

**D.** Indonesia is a member of ASEAN.

# Question 17 General Knowledge

10 Downing Street is the official residence of:

- A. British Prime Minister ✓ **Correct answer**
- B. French President
- C. American President
- D. Queen of England

**A.** 10 Downing Street is the official residence of the British Prime Minister.

**B.** It is not the residence of the French President.

**C.** It is not the residence of the American President.

**D.** It is not the residence of the Queen of England.

NO PRINTED KEY. key A supplied independently (10 Downing Street is the British Prime Minister's official residence). Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 18 English

Identify the underlined parts of speech: Wow! It is a beautiful symphony.

- A. Interjection ✓ **Correct answer**
- B. Adjective
- C. Article
- D. Conjunction

**A.** 'Wow!' expresses sudden feeling, so it is an interjection.

**B.** It is not an adjective.

**C.** It is not an article.

**D.** It is not a conjunction.

## Question 19 Geography

In which country are the Sunderban Forests located?

- A. Bangladesh ✓ **Correct answer**
- B. Myanmar
- C. Brazil
- D. Nepal

**A.** The Sunderban forests are located in Bangladesh (and India); Bangladesh is the option given.

**B.** They are not in Myanmar.

**C.** They are not in Brazil.

not in Nepal.

## Question 20 Pakistan Studies

The province with longest coastline is:

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

**A.** Punjab does not have the longest coastline.

**B.** Balochistan has the longest coastline of Pakistan's provinces.

**C.** Khyber Pakhtunkhwa is landlocked and has no coastline.

**D.** Sindh's coastline is shorter than Balochistan's.

## Question 21 Mathematics

7589-.....=3434

- A. 1123
- B. 11023
- C. 4155 ✓ **Correct answer**
- D. 4242

**A.** 7589 minus 1123 is 6466, not 3434.

**B.** 7589 minus 11023 is negative, not 3434.

**C.** 7589 minus 4155 is 3434.

**D.** 7589 minus 4242 is 3347, not 3434.

## 22 Mathematics

Simplify the equation:5+2×6÷3(2)=?

- A. 5
- B. 7 ✓ **Correct answer**
- C. 10
- D. 9

**A.** 5 does not follow either reading of the expression.

**B.** Reading 3(2) as a single denominator gives 5 + 12/6 = 7, the printed key.

**C.** 10 does not follow either reading.

**D.** 9 does not follow either reading.

**Note:** Note: PICK-ONE — the notation is ambiguous: strict left-to-right gives 5 + 8 = 13, which is in no option; the printed key B (7) follows the convention that the juxtaposed 3(2) binds as one denominator. Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 23 Pakistan Studies

The Tripartite Agreement of 9 April 1974 was signed between Pakistan, India and bangladesh. Who signed the document on behalf of Pakistan?

- A. Zulifqar Ali Bhutto
- B. Agha Shahi
- C. Sharif-ud-Din Peerzada
- D. Aziz Ahmad ✓ **Correct answer**

**A.** Zulfikar Ali Bhutto did not sign the Tripartite Agreement for Pakistan.

**B.** Agha Shahi did not sign it.

**C.** Sharif-ud-Din Peerzada did not sign it.

ad signed the Tripartite Agreement of 9 April 1974 on behalf of Pakistan.

## Question 24 Geography

Height of K-2 is.....meters.

- A. 8848
- B. 8626
- C. 8611 ✓ **Correct answer**
- D. 8261

**A.** 8848 m is the height of Mount Everest, not K-2.

**B.** 8626 m is not the height of K-2.

**C.** The height of K-2 is 8611 metres.

**D.** 8261 m is not the height of K-2.

## Question 25 Everyday Science

What is the chemical name of bleaching powder?

- A. Calcium Hypochlorite ✓ **Correct answer**
- B. Calcium Chlorate
- C. Calcium chloride
- D. Chlorine

**A.** The chemical name of bleaching powder is calcium hypochlorite.

**B.** It is not calcium chlorate.

**C.** It is not calcium chloride.

**D.** It is not chlorine (chlorine is an element, not the compound).

## 26 English

Choose the correct article: Wait for me by.... school gate at 4 o'clock.

- A. An
- B. A
- C. The ✓ **Correct answer**
- D. Article not required

**A.** 'An school gate' is wrong before a consonant sound.

**B.** 'A school gate' would mean any gate, not the known one.

**C.** 'The school gate' is correct for the particular known gate.

**D.** An article is required before 'school gate'.

## Question 27 Pakistan Studies

The last Governor-General of Pakistan was:

- A. Iskandar Mirza ✓ **Correct answer**
- B. Sir Khawaja Nazimuddin
- C. Sir Ghulam Muhammad
- D. Muhammad Ali Jinnah

**A.** Iskandar Mirza was the last Governor-General of Pakistan.

**B.** Sir Khawaja Nazimuddin was an earlier Governor-General.

**C.** Sir Ghulam Muhammad was an earlier Governor-General.

**D.** Muhammad Ali Jinnah was the first Governor-General, not the last.

## Question 28 Geography

'Siam' is the old name of:

- B. Indonesia
- C. Singapore
- D. Thailand ✓ **Correct answer**

**A.** 'Siam' is not the old name of Cambodia.

**B.** It is not the old name of Indonesia.

**C.** It is not the old name of Singapore.

**D.** 'Siam' is the old name of Thailand.

## Question 29 Islamic Studies

The zakat is to be paid on total amount at the rate of:

- A. 1/25
- B. 1/2.5
- C. 1/50
- D. 1/40 ✓ **Correct answer**

**A.** Zakat is not 1/25 of the total amount.

**B.** Zakat is not 1/2.5 of the total amount.

**C.** Zakat is not 1/50 of the total amount.

**D.** Zakat is paid at 1/40 (2.5%) of the total amount.

## Question 30 English

Choose the correct form of verb: would you like to play tennis? No, I.....for my vocabulary test tomorrow.

- A. Am going to study ✓ **Correct answer**
- B. Study

study

- D. Am studying

**A.** 'Am going to study' expresses the planned intention for tomorrow.

**B.** 'Study' alone does not fit the sentence.

**C.** 'Will study' is possible but the printed key is the going-to form.

**D.** 'Am studying' is also grammatical for a future arrangement, so it is recorded as a defensible alternative.

**Note:** Note: PICK-ONE — A is picked as the printed key; D ('am studying') is also grammatical for a future arrangement and is recorded here. Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 31 English

Choose the correct form of verb: Does Aslam know about the dinner next week? I am not sure. I.....him when I see him.

- A. Will ask ✓ **Correct answer**
- B. Am asking
- C. Am going to ask
- D. Ask

**A.** 'Will ask' is correct for the future intention when he sees him.

**B.** 'Am asking' is the wrong tense here.

**C.** 'Am going to ask' is possible but the simple future 'will ask' is the textbook answer.

**D.** 'Ask' alone does not fit the sentence.

# 32 General Knowledge

Which of the following is known as the city of saints?

- A. Lahore
- B. Multan ✓ **Correct answer**
- C. Sargodha
- D. Karachi

**A.** Lahore is not known as the city of saints.

**B.** Multan is known as the city of saints.

**C.** Sargodha is not known as the city of saints.

**D.** Karachi is not known as the city of saints.

# Question 33 English

Choose the correct preposition: Please write your name....the top of the page.

- A. On
- B. At ✓ **Correct answer**
- C. In
- D. Around

**A.** 'On the top' is not the idiom for writing a name at the top of a page.

**B.** 'At the top of the page' is the correct preposition.

**C.** 'In the top' is not the idiom here.

**D.** 'Around the top' is not the idiom here.

# Question 34 English

Identify the underlined parts of speech: He also like to eat strawberries.

- B. Adverb
- C. Adjective
- D. Verb ✓ **Correct answer**

**A.** 'Like' in 'He also like to eat' is not a noun.

**B.** It is not an adverb.

**C.** It is not an adjective.

**D.** 'Like' is a verb here (the underlined word).

## Question 35 English

Choose the correct form of verb: The examination.....at 9:30. Don't be late.

- A. Starts ✓ **Correct answer**
- B. Will start
- C. Is going to start
- D. Is starting

**A.** For a timetabled event the simple present 'starts' is the textbook form.

**B.** 'Will start' is not the timetable form.

**C.** 'Is going to start' is not the timetable form.

**D.** 'Is starting' is grammatical for an arrangement, so it is recorded as a defensible alternative to the picked A.

**Note:** Note: PICK-ONE — A ('starts') is picked by the timetable rule for scheduled events; the printed key D ('is starting') is grammatical for an arrangement and is recorded here. Decided by assistant under owner's 8 Nov 2026 delegation.

## 36 Geography

Bhambore is an ancient city located in.....

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

**A.** Bhambore is not in Khyber Pakhtunkhwa.

**B.** It is not in Balochistan.

**C.** Bhambore, the ancient city, is in Sindh (near Karachi).

**D.** It is not in Punjab.

## Question 37 General Knowledge

Who is considered as "Iconic Squash Player" of Pakistan?

- A. Hashim Khan ✓ **Correct answer**
- B. Atlas Khan
- C. Roshan Khan
- D. Alam Khan

**A.** Hashim Khan is the iconic pioneer of Pakistani squash (first great champion of the Khan dynasty).

**B.** Atlas Khan was a later squash player, not the iconic pioneer.

**C.** Roshan Khan was a later squash player, not the iconic pioneer.

**D.** Alam Khan was not the iconic squash player.

**Note:** Note: NO PRINTED KEY: key A supplied independently (Hashim Khan, the first great Pakistani squash champion; Jahangir Khan is not among the options). Decided by assistant

# Question 38 Geography

Where Seven Mile Beach is located:

- A. Maldives
- B. Nicobar
- C. Bali
- D. Cayman Islands ✓ **Correct answer**

**A.** Seven Mile Beach is not in the Maldives.

**B.** It is not in Nicobar.

**C.** It is not in Bali.

**D.** Seven Mile Beach is in the Cayman Islands.

# Question 39 English

Change the voice. ( Active to passive): Right now "someone is cooking school lunch" in the cafeteria.

- A. Right now someone is preparing lunch in the school cafeteria
- B. Right now school lunch is being cooked by someone in the cafeteria ✓ **Correct answer**
- C. Right now school lunch is being cooked in the cafeteria
- D. Right now they are cooking school lunch in the cafeteria

**A.** Option A changes the verb and is not the passive of the given sentence.

**B.** The full passive is 'school lunch is being cooked by someone in the cafeteria'.

**C.** Option C is also a correct passive (with the agent omitted), so it is recorded as a defensible alternative.

stays active and is not the passive.

**Note:** Note: PICK-ONE — no printed key; B is picked as the complete passive with the agent kept, C (agent omitted) is also correct and is recorded here. Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 40 Mathematics

Complete the series 5,9,17,33,.....

- A. 65 ✓ **Correct answer**
- B. 82
- C. 70
- D. 75

**A.** The series doubles the gap each time (4, 8, 16, 32), so 33 + 32 is 65.

**B.** 82 does not follow the doubling-gap pattern.

**C.** 70 does not follow the pattern.

**D.** 75 does not follow the pattern.

**Note:** Note: NO PRINTED KEY: key A supplied independently (5, 9, 17, 33, 65). Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 41 General Knowledge

Who invented a system of reading and writing for the blind?

- A. Louis Braille ✓ **Correct answer**
- B. Louis Pasteur
- C. Sir Humphrey Davey
- D. Helen Keller

**A.** Louis Braille invented the system of reading and writing for the blind.

**C.** Sir Humphrey Davy did not invent it.

**D.** Helen Keller did not invent it.

## Question 42 Islamic Studies

Identify the person whose house became the centre of preaching of Islam at the beginning?

- A. Hazrat Arqam (RA) ✓ **Correct answer**
- B. Hazrat Abu Bakar(RA)
- C. Hazrat Talha(RA)
- D. Hazrat Usman (RA)

**A.** The house of Hazrat Arqam (RA) became the centre of preaching of Islam at the beginning.

**B.** It was not the house of Hazrat Abu Bakr (RA).

**C.** It was not the house of Hazrat Talha (RA).

**D.** It was not the house of Hazrat Usman (RA).

**Note:** Note: NO PRINTED KEY: key A supplied independently (Dar-e-Arqam). Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 43 General Knowledge

International Civil Aviation Organization (ICAO) has its headquarters in:

- A. New York, USA
- B. Montreal, Canada ✓ **Correct answer**
- C. Vienna, Austria
- D. Toronto, Canada

dquarters is not in New York.

**B.** ICAO has its headquarters in Montreal, Canada.

**C.** It is not in Vienna.

**D.** It is not in Toronto.

## Question 44 Computer Science

'Notepad' in a computer can be used for:

- A. Text and images
- B. Image
- C. Text ✓ **Correct answer**
- D. All of these

**A.** Notepad handles text only, not images.

**B.** Notepad cannot be used for images.

**C.** Notepad in a computer can be used for text.

**D.** It cannot be used for all of these (images are excluded).

## Question 45 Pakistan Studies

Islam was declared as the State Religion of Pakistan in the Constitution of:

- A. 1973 ✓ **Correct answer**
- B. 1956
- C. 1962
- D. None of these

**A.** Islam was declared the State Religion of Pakistan in the Constitution of 1973.

**B.** It was not so declared in the 1956 Constitution.

so declared in the 1962 Constitution.

**D.** One of the named constitutions did declare it, so 'None of these' is wrong.

## Question 46 English

Choose the correct article: Where are..... scissors? Sorry, I haven't sent hem.

- A. The ✓ **Correct answer**
- B. An
- C. A
- D. Article not required

**A.** 'The scissors' is correct (scissors is a plural noun taking 'the').

**B.** 'An scissors' is wrong.

**C.** 'A scissors' is wrong.

**D.** An article is required before 'scissors'.

## Question 47 General Knowledge

The Headquarters of World Bank is in:

- A. Paris
- B. Washington DC ✓ **Correct answer**
- C. Shanghai
- D. New York

**A.** The World Bank headquarters is not in Paris.

**B.** The Headquarters of the World Bank is in Washington DC.

**C.** It is not in Shanghai.

**D.** It is not in New York.

## 48 Pakistan Studies

Which of the following leader helped Quaid-e-Azam in the preparation of his Fourteen Points in 1929?

- A. Maulana Shaukat Ali
- B. Liaqat Ali Khan
- C. Maulana Hasrat Mohani
- D. Maulana Muhammad Ali Jauhar ✓ **Correct answer**

**A.** Maulana Shaukat Ali did not help Jinnah prepare the Fourteen Points.

**B.** Liaqat Ali Khan did not help prepare them.

**C.** Maulana Hasrat Mohani did not help prepare them.

**D.** Maulana Muhammad Ali Jauhar helped Quaid-e-Azam prepare his Fourteen Points in 1929.

## Question 49 Computer Science

Which of the following Excel feature allows users to evaluate values and return a result?

- A. Filters
- B. Insertions
- C. Formatting
- D. Formulas ✓ **Correct answer**

**A.** Filters do not evaluate values and return a result.

**B.** Insertions do not evaluate values and return a result.

**C.** Formatting does not evaluate values and return a result.

**D.** Formulas in Excel evaluate values and return a result.

## 50 Islamic Studies

Which of the following was restored during the reign of Umar Ibne-e-Abdul Aziz?

- A. Khiraaj
- B. Bait-ul-Maal
- C. Jizya ✓ **Correct answer**
- D. None of these

**A.** Khiraaj was not the item restored under Umar ibn Abdul Aziz.

**B.** Bait-ul-Maal was not the item restored.

**C.** Under Umar ibn Abdul Aziz the jizya burden on converts was lifted and its just collection restored.

**D.** One of the named items is correct, so 'None of these' is wrong.

## Question 51 General Knowledge

Iodine was discovered by:

- A. S. Jennant
- B. C. Monasder
- C. H. Devy
- D. B. Courtois ✓ **Correct answer**

**A.** Iodine was not discovered by S. Jennant.

**B.** It was not discovered by C. Monasder.

**C.** It was not discovered by H. Devy.

**D.** Iodine was discovered by Bernard Courtois (1811).

## 52 Pakistan Studies

Who was the first Chief of Army Staff of the Pakistan Army?

- A. General Zia-ul-Haq
- B. General Aslam Beg
- C. General Ayub Khan ✓ **Correct answer**
- D. General Tikka Khan

**A.** General Zia-ul-Haq was not the first Chief of Army Staff.

**B.** General Aslam Beg was not the first Chief of Army Staff.

**C.** General Ayub Khan was the first Pakistani (native) Chief of Army Staff (1951).

**D.** General Tikka Khan was not the first Chief of Army Staff.

**Note:** Note: PRINTED-KEY CORRECTION: printed D (Tikka Khan) to C (Ayub Khan), first Pakistani COAS, 1951. Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 53 General Knowledge

The current state of Louisiana was purchased by the USA from:

- A. France ✓ **Correct answer**
- B. Canada
- C. UK
- D. Mexico

**A.** Louisiana was purchased by the USA from France (Louisiana Purchase, 1803).

**B.** It was not purchased from Canada.

**C.** It was not purchased from the UK.

**D.** It was not purchased from Mexico.

## 54 Geography

'Three Gorges Dam' project is located in:

- A. Canada
- B. China ✓ **Correct answer**
- C. America
- D. Russia

**A.** The Three Gorges Dam is not in Canada.

**B.** The Three Gorges Dam project is located in China (Yangtze River).

**C.** It is not in America.

**D.** It is not in Russia.

## Question 55 General Knowledge

The biggest Hockey stadium in Pakistan is located in:

- A. Karachi
- B. Faisalabad
- C. Islamabad
- D. Lahore ✓ **Correct answer**

**A.** The biggest hockey stadium in Pakistan is not in Karachi.

**B.** It is not in Faisalabad.

**C.** It is not in Islamabad.

**D.** The biggest hockey stadium in Pakistan (National Hockey Stadium) is in Lahore.

## Question 56 Computer Science

To get connected to the internet the computer has to be connected to a/an:

- B. Control Panel
- C. Internet Service Provider ✓ **Correct answer**
- D. International Society

**A.** A domain does not connect a computer to the internet.

**B.** A control panel does not connect a computer to the internet.

**C.** To get connected to the internet the computer connects through an Internet Service Provider.

**D.** An 'International Society' does not connect a computer to the internet.

## Question 57 Everyday Science

Which of the following is the smallest planet in our Solar System?

- A. Venus
- B. Mercury ✓ **Correct answer**
- C. Neptune
- D. Uranus

**A.** Venus is not the smallest planet.

**B.** Mercury is the smallest planet in our Solar System.

**C.** Neptune is not the smallest planet.

**D.** Uranus is not the smallest planet.

## Question 58 Islamic Studies

What was the real name of Hazrat Abu Bakr Siddique (RA)?

- A. Sulaiman
- B. Jaffer

ullah ✓ **Correct answer**

- D. Hamza

**A.** Abu Bakr Siddique's real name was not Sulaiman.

**B.** It was not Jaffer.

**C.** The real name of Hazrat Abu Bakr Siddique (RA) was Abdullah (ibn Abi Quhafa).

**D.** It was not Hamza.

## Question 59 General Knowledge

The largest among the following is:

- A. The Earth
- B. The Sun
- C. A Solar System
- D. A Galaxy ✓ **Correct answer**

**A.** The Earth is not the largest of the four.

**B.** The Sun is not the largest of the four.

**C.** A solar system is not the largest of the four.

**D.** A galaxy is the largest among the four.

## Question 60 English

Choose the correct sentence that best represents the reported speech. They said,"Madam, the time is over."

- A. They commanded that the time is over
- B. They stated that the time was over
- C. They said respectfully that the time was over ✓ **Correct answer**
- D. They said respectfully that the time is over

manded that the time is over' is the wrong verb and tense.

**B.** 'They stated that the time was over' misses the respectful 'Madam'.

**C.** 'They said respectfully that the time was over' is the correct reported speech.

**D.** 'That the time is over' keeps the wrong tense.

## Question 61 English

Choose the correct preposition: Look! There is a big spider.....the ceiling.

- A. At
- B. In
- C. On ✓ **Correct answer**
- D. Of

**A.** 'At the ceiling' is not the idiom for a spider on a ceiling.

**B.** 'In the ceiling' would mean inside the ceiling.

**C.** A spider is 'on' the ceiling.

**D.** 'Of the ceiling' is not the idiom.

## Question 62 Mathematics

A shop keeper buys a watch for Rs. 350/- and sells it for Rs. 392/-, Find his percentage of profit?

- A. 9%
- B. 10%
- C. 11%
- D. 12% ✓ **Correct answer**

**A.** The profit is Rs. 42 on Rs. 350, which is not 9%.

**C.** It is not 11%.

**D.** 42 divided by 350 is 12% profit.

## Question 63 Geography

The historic character and built heritage of Bo-kaap is located in:

- A. Zimbabwe
- B. Egypt
- C. South Africa ✓ **Correct answer**
- D. Congo

**A.** Bo-Kaap is not in Zimbabwe.

**B.** It is not in Egypt.

**C.** The historic Bo-Kaap heritage area is in Cape Town, South Africa.

**D.** It is not in Congo.

## Question 64 Islamic Studies

Ghazwat(Battle) Furqan is the name for:

- A. Battle of Badr ✓ **Correct answer**
- B. Battle of Uhad
- C. Battle of Qaadsia
- D. Battle of Jamal

**A.** Ghazwat Furqan (the Day of Furqan) is the Battle of Badr.

**B.** It is not the Battle of Uhud.

**C.** It is not the Battle of Qadsia.

...e Battle of Jamal.

# Question 65 General Knowledge

TAPI is a gas supply project among:

- A. Turkey, Azerbaijan, Pakistan and Iran
- B. Turkmenistan, Afghanistan, Pakistan and India ✓ **Correct answer**
- C. Turkey, Afghanistan, Pakistan and India
- D. Turkey, Azerbaijan, Pakistan, and India

**A.** TAPI is not Turkey, Azerbaijan, Pakistan and Iran.

**B.** TAPI is the gas pipeline among Turkmenistan, Afghanistan, Pakistan and India.

**C.** It is not Turkey, Afghanistan, Pakistan and India.

**D.** It is not Turkey, Azerbaijan, Pakistan and India.

# Question 66 General Knowledge

TAPI is a gas supply project among:

- A. Turkey, Azerbaijan, Pakistan and Iran
- B. Turkmenistan, Afghanistan, Pakistan and India ✓ **Correct answer**
- C. Turkey, Afghanistan, Pakistan and India
- D. Turkey, Azerbaijan, Pakistan and India

**A.** TAPI is not Turkey, Azerbaijan, Pakistan and Iran.

**B.** TAPI is the gas pipeline among Turkmenistan, Afghanistan, Pakistan and India.

**C.** It is not Turkey, Afghanistan, Pakistan and India.

**D.** It is not Turkey, Azerbaijan, Pakistan and India.

**Note:** Note: DUPLICATE STEM KEPT AS SERVED: Q66 repeats Q65 word for word (same

e key B), as printed in the reproduction — cf. Wave 106 37uq Q17/Q18.

## Question 67 Pakistan Studies

Name the pact in which the Muslims and Hindus of British India agreed for separate electorates:

- A. Congress - League Pact
- B. Reforms Act
- C. Delhi Pact
- D. Lucknow Pact ✓ **Correct answer**

**A.** The Congress-League Pact is another name for the Lucknow Pact, but the standard name asked is Lucknow Pact.

**B.** The Reforms Act is not the pact for separate electorates.

**C.** The Delhi Pact is not the pact for separate electorates.

**D.** The Lucknow Pact (1916) is where Muslims and Hindus agreed on separate electorates.

## Question 68 Pakistan Studies

Arya Samaj was against:

- A. Sikhs
- B. Christians
- C. Muslims
- D. All of these ✓ **Correct answer**

**A.** Arya Samaj opposed idol-worship and the proselytising faiths, including the Sikhs' distinct path.

**B.** It campaigned against Christian missionary activity.

**C.** Its Shuddhi movement was directed against Muslims.

named group is uniquely established, so 'All of these' is picked as covering all three.

**Note:** Note: PICK-ONE — no printed key; D ('All of these') is picked: the Arya Samaj opposed idol-worship and campaigned against Christian and Muslim proselytism (and criticised Sikh doctrine), so no single option is uniquely established. Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 69 English

Change the voice (active to passive): His mother bore him in 1987.

- A. He is born in 1987
- B. He was born in 1987 ✓ **Correct answer**
- C. He was brought in 1987
- D. His year of birth was 1987

**A.** 'He is born in 1987' is the wrong tense.

**B.** 'He was born in 1987' is the correct passive of 'His mother bore him in 1987'.

**C.** 'He was brought in 1987' changes the verb.

**D.** 'His year of birth was 1987' is not the passive transformation.

## Question 70 Pakistan Studies

The first Urdu Newspaper (Daily) published after the creation of Pakistan was:

- A. Piyam
- B. Imroze ✓ **Correct answer**
- C. Mashriq
- D. Jang

**A.** The first Urdu daily after the creation of Pakistan was not Piyam.

Urdu newspaper (daily) published after the creation of Pakistan was Imroze.

**C.** It was not Mashriq.

**D.** It was not Jang.

## Question 71 Pakistan Studies

The first movement launched against British in India was:

- A. Non- Cooperation Movement
- B. Khilafat Movement
- C. Quit India Movement
- D. Swadeshi Movement ✓ **Correct answer**

**A.** The Non-Cooperation Movement (1920) was not the first movement against the British.

**B.** The Khilafat Movement (1919) was not the first.

**C.** The Quit India Movement (1942) was not the first.

**D.** Of the movements listed, the Swadeshi Movement (1905) was the first launched against the British.

## Question 72 General Knowledge

Which of the following animals is depicted in the logo of World Wildlife Fund for Nature (WWF)?

- A. Snow Leopard
- B. Panda ✓ **Correct answer**
- C. Rhinoceros
- D. Lion

**A.** The WWF logo does not show a snow leopard.

**B.** The WWF logo depicts a panda.

t show a rhinoceros.

**D.** It does not show a lion.

## Question 73 Mathematics

Complete the number series:3,7,6,9,3,12,1,15,.....

- A. 21
- B. -3
- C. -1 ✓ **Correct answer**
- D. 13

**A.** 21 does not follow the series pattern.

**B.** -3 does not follow the pattern.

**C.** The gaps alternate in sign and grow (4, 1, 3, 6, 9, 11, 14, 16), so after +14 comes -16, giving -1.

**D.** 13 does not follow the pattern.

## Question 74 Everyday Science

Which catalyst is used for separation of Oxygen and Hydrogen in water?

- A. Sodium Chloride
- B. Heat
- C. Electricity ✓ **Correct answer**
- D. Nitric Acid

**A.** Sodium chloride is not used to separate oxygen and hydrogen from water.

**B.** Heat alone is not the agent used.

**C.** Electricity (electrolysis) is used to separate oxygen and hydrogen in water.

is not used for this separation.

## Question 75 Pakistan Studies

Which one of the following politicians has served as the Deputy Prime Minister of Pakistan?

- A. Zulifqar Ali Bhutto
- B. Zafarullah Khan Jamali
- C. Nur-ul-Amin Khan
- D. Chaudhri Pervez Elahi ✓ **Correct answer**

**A.** Zulfikar Ali Bhutto did not serve as Deputy Prime Minister of Pakistan.

**B.** Zafarullah Khan Jamali did not serve as Deputy Prime Minister.

**C.** Nur-ul-Amin Khan did not serve as Deputy Prime Minister.

**D.** Chaudhri Pervez Elahi served as Deputy Prime Minister of Pakistan (2012).

## Question 76 Computer Science

The inner core of an optical fiber is.....in composition:

- A. Glass or plastic ✓ **Correct answer**
- B. Copper
- C. Bimetallic
- D. Liquid

**A.** The inner core of an optical fibre is glass or plastic.

**B.** It is not copper.

**C.** It is not bimetallic.

**D.** It is not liquid.

## 77 Pakistan Studies

Which article of the 1973 Constitution relates to National Language of Pakistan?

- A. Article 215
- B. Article 251 ✓ **Correct answer**
- C. Article 257
- D. Article 12

**A.** Article 215 does not relate to the national language.

**B.** Article 251 of the 1973 Constitution relates to the National Language of Pakistan.

**C.** Article 257 does not relate to the national language.

**D.** Article 12 does not relate to the national language.

## Question 78 Geography

Nairobi is the capital of:

- A. Kenya ✓ **Correct answer**
- B. Pound
- C. Shilling
- D. Irish Pence

**A.** Nairobi is the capital of Kenya.

**B.** Pound is a currency, not a capital.

**C.** Shilling is a currency, not a capital.

**D.** Irish Pence is a currency, not a capital.

## Question 79 Islamic Studies

In the Quran,Ten Commandments are named as:

- B. Ashra al Mubashara
- C. Ashra al Muajaz
- D. None of these

**A.** The Ten Commandments in the Quran (Al-An'am 6:151-153) are named Awamir-i-Ashara (the ten commandments).

**B.** Ashra al Mubashara is the ten promised Paradise, not the commandments.

**C.** Ashra al Muajaz is not the name of the commandments.

**D.** One of the named terms is correct, so 'None of these' is wrong.

**Note:** Note: NO PRINTED KEY: key A supplied independently (the Quranic Ten Commandments, Al-An'am 6:151-153, are called Awamir-i-Ashara; IslamQA: 'some scholars call [these] the verses of the Ten Commandments'). Decided by assistant under owner's 8 Nov 2026 delegation.

## Question 80 Current Affairs

Who is the current Speaker of the Provincial Assembly of Balochistan?

- A. Mir Abdul Quddus Bizenjo ✓ **Correct answer**
- B. Rahila Durrani
- C. Jan Muhammad Jamali
- D. Matiullah Agha

**A.** At the exam date (2019) Mir Abdul Quddus Bizenjo was Speaker of the Balochistan Provincial Assembly.

**B.** Rahila Durrani was not the Speaker at the exam date.

**C.** Jan Muhammad Jamali was not the Speaker at the exam date.

**D.** Matiullah Agha was not the Speaker at the exam date.

## 81 Mathematics

Complete the number series: 6,11,21,36,56,.....

- A. 81 ✓ **Correct answer**
- B. 80
- C. 89
- D. 85

**A.** The gaps grow by 5 each time (5, 10, 15, 20, 25), so 56 + 25 is 81.

**B.** 80 does not follow the growing-gap pattern.

**C.** 89 does not follow the pattern.

**D.** 85 does not follow the pattern.

## Question 82 Everyday Science

The Earth rotates on its axis from.....

- A. East to West
- B. North to South
- C. West to East ✓ **Correct answer**
- D. South to North

**A.** The Earth does not rotate from east to west.

**B.** It does not rotate from north to south.

**C.** The Earth rotates on its axis from west to east.

**D.** It does not rotate from south to north.

## Question 83 English

Choose the correct sentence that best represents the reported speech: You said to your

ase grant him leave for some time."

- A. You advised your father to grant him leave for some time
- B. You requested your father to grant him leave for some time ✓ **Correct answer**
- C. You told your father to let him leave for a short while
- D. You said to your father to grant you leave for some time

**A.** 'You advised your father' is the wrong reporting verb for a polite request.

**B.** 'You requested your father to grant him leave for some time' is the correct reported speech.

**C.** 'You told your father to let him leave' changes the meaning.

**D.** 'Grant you leave' changes 'him' to 'you'.

## Question 84 Pakistan Studies

Regulation of the corporate sector and capital market in Pakistan is included in the mandate of:

- A. Corporate and Capital Market Commission
- B. Pakistan Corporations Association
- C. Pakistan Corporate and Business Association
- D. Securities and Exchange Commission of Pakistan ✓ **Correct answer**

**A.** There is no body called the Corporate and Capital Market Commission.

**B.** There is no Pakistan Corporations Association with this mandate.

**C.** There is no Pakistan Corporate and Business Association with this mandate.

**D.** The Securities and Exchange Commission of Pakistan (SECP) regulates the corporate sector and capital market.

# 85 Computer Science

Cell entry "July 16,2016" will be considered a....by Excel sheet.

- A. Formula
- B. Label
- C. Value ✓ **Correct answer**
- D. Number

**A.** A date entry is not a formula.

**B.** It is not a label (text).

**C.** The cell entry 'July 16, 2016' is considered a value (a date value) by Excel.

**D.** It is not a plain number.

# Question 86 Pakistan Studies

Who was the first woman to be appointed as Permanent Representative of Pakistan to the UN, New York?

- A. Ms. Tehmina Janjua
- B. Ms. Maleeha Lodhi ✓ **Correct answer**
- C. Begum Shaista Ikramullah
- D. Begum Raana Liaqat Ali Khan

**A.** Tehmina Janjua was not the first woman Permanent Representative to the UN.

**B.** Ms. Maleeha Lodhi was the first woman appointed Permanent Representative of Pakistan to the UN, New York.

**C.** Begum Shaista Ikramullah was not the first woman Permanent Representative to the UN.

**D.** Begum Raana Liaqat Ali Khan was not the first woman Permanent Representative to the UN.

## 87 English

Choose the correct pronoun: The students.....test grades were low had to come back after school for an extra lesson.

- A. Which
- B. Whose ✓ **Correct answer**
- C. That
- D. Who

**A.** 'Which' is not the possessive pronoun needed here.

**B.** 'Whose' is the possessive relative pronoun for 'the students' test grades'.

**C.** 'That' is not the possessive pronoun needed here.

**D.** 'Who' is not the possessive pronoun needed here.

## Question 88 Everyday Science

Which of the following is not a chemical reaction?

- A. Burning of a paper
- B. Conversion of water into steam ✓ **Correct answer**
- C. Digestion of food
- D. Burning of coal

**A.** Burning of paper is a chemical reaction.

**B.** Conversion of water into steam is a physical change, not a chemical reaction.

**C.** Digestion of food is a chemical reaction.

**D.** Burning of coal is a chemical reaction.

# 89 General Knowledge

Nelson Mandela was released from the prison in:

- A. 1988
- B. 1989
- C. 1990 ✓ **Correct answer**
- D. 1991

**A.** Nelson Mandela was not released in 1988.

**B.** He was not released in 1989.

**C.** Nelson Mandela was released from prison in 1990.

**D.** He was not released in 1991.

# Question 90 General Knowledge

The host member of the Warsaw Pact was:

- A. Poland ✓ **Correct answer**
- B. Italy
- C. Denmark
- D. Sweden

**A.** Poland was the host member of the Warsaw Pact (signed in Warsaw, 1955).

**B.** Italy was not a Warsaw Pact member.

**C.** Denmark was not a Warsaw Pact member.

**D.** Sweden was not a Warsaw Pact member.

# Question 91 Current Affairs

Who is the 48th Vice President of the United States of America?

Biden

- B. Mike Pence ✓ **Correct answer**
- C. Dick Cheney
- D. Al Gore

**A.** Joe Biden was the 47th Vice President, not the 48th.

**B.** Mike Pence was the 48th Vice President of the United States (2017-2021).

**C.** Dick Cheney was the 46th Vice President.

**D.** Al Gore was the 45th Vice President.

## Question 92 General Knowledge

In which year first FIFA World Cup was held in?

- A. June 1930
- B. June 1931
- C. July 1930 ✓ **Correct answer**
- D. June 1933

**A.** The first FIFA World Cup was not in June 1930.

**B.** It was not in June 1931.

**C.** The first FIFA World Cup was held in July 1930 (Uruguay).

**D.** It was not in June 1933.

## Question 93 Urdu

الم نشرح" کی ترکیب کا مفہوم ہے ":

**Correct answer** ✓ کھل کھلا .A•

پوشیدہ .B•

•D. اندازاً

means the opening/expansion of the breast — 'khul khula' (الم نشرح) '**A.** 'Alam Nashrah .(opened wide)

**B.** It does not mean hidden.

**C.** It does not mean mysterious.

**D.** It does not mean 'approximately'.

## Question 94 Urdu Literature

'الف نون' کس کا مشہور ڈرامہ ہے ؟

•A. انور مقصود

**Correct answer** ✓ •B. کمال احمد رضوی

•C. اشفاق احمد

•D. مرزا ادیب

**A.** 'Alif Noon' was not written by Anwar Maqsood.

**B.** 'Alif Noon' is the famous drama of Kamal Ahmed Rizvi.

**C.** It was not written by Ashfaq Ahmad.

**D.** It was not written by Mirza Adeeb.

## Question 95 Urdu Literature

مشہور قومی نغمہ "جیوے جیوے پاکستان" کس نے لکھا؟

•A. مسرور احمد

Correct answer ✓ B. جمیل الدین عالی

C. قتیل شفائی

D. منیر نیازی

**A.** The national song 'Jeevay Jeevay Pakistan' was not written by Masroor Ahmad.

**B.** It was written by Jamiluddin Aali.

**C.** It was not written by Qateel Shifai.

**D.** It was not written by Munir Niazi.

## Question 96 Urdu Literature

"چچا چھکن" کے مصنف کا نام کیا ہے ؟

A. ابن انشاء

Correct answer ✓ B. امتیاز علی تاج

C. چراغ حسن حسرت

D. پطرس بخاری

**A.** 'Chacha Chhakkan' was not written by Ibn-e-Insha.

**B.** 'Chacha Chhakkan' was written by Imtiaz Ali Taj.

**C.** It was not written by Chiragh Hasan Hasrat.

**D.** It was not written by Patras Bukhari.

## Question 97 Urdu Literature

صقیلہ (جزیرہ سسلی) علامہ اقبال کا معروف شہر آشوب ہے ، یہ ان کے کس مجموعے میں شامل ہے ؟

Correct answer ✓ A. بانگِ درا

C. ضربِ کلیم

D. ارمغان حجاز

**A.** Iqbal's 'Saqila' (Sicily, a shahr-ashob) is included in Bang-e-Dara.

**B.** It is not in Bal-e-Jibril.

**C.** It is not in Zarb-e-Kaleem.

**D.** It is not in Armaghan-e-Hijaz.

# Question 98 Urdu

'نقش بر آب ہون' کا مطلب کیا ہے ؟

A. خوشامد کرنا

B. ہمیشہ زندہ رہنا

**Correct answer ✓** C. جلدی زائل ہونا

D. شہرت پانا

**A.** 'Naqsh bar aab hona' does not mean flattery.

**B.** It does not mean living forever.

**C.** It means to be effaced quickly ('jaldi zail hona'), like a mark drawn on water.

**D.** It does not mean gaining fame.

# Question 99 Urdu Literature

"سودیشی ریل" کس کا مزاحیہ مضمون ہے؟

**Correct answer ✓** A. شوکت تھانوی

C. پطرس بخاری

D. مشتاق احمد یوسفی

**A.** 'Swadeshi Rail' is the humorous essay of Shaukat Thanvi.

**B.** It is not by Majeed Lahori.

**C.** It is not by Patras Bukhari.

**D.** It is not by Mushtaq Ahmad Yusufi.

## Question 100 Urdu Literature

اردو ڈرامے کا آغاز کس نے کیا ؟

**Correct answer** ✓ A. آغا حشر کاشمیری

B. امتیاز علی تاج

C. منشی پریم چند

D. راجندر سنگھ بیدی

**A.** Urdu drama began with Agha Hashar Kashmiri (the father of Urdu drama).

**B.** It did not begin with Imtiaz Ali Taj.

**C.** It did not begin with Munshi Premchand.

**D.** It did not begin with Rajinder Singh Bedi.

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