# Deputy Secretary / Deputy Controller of Examinations (BS-18) and Assistant Secretary / Assistant Controller of Examinations (BS-17), Board of Intermediate and Secondary Education (BISE), Rawalpindi, Higher Education Department, Punjab — 2023 · Solved Past Paper

**Body:** Punjab Public Service Commission (PPSC) · **Post:** Deputy Secretary / Deputy Controller of Examinations (BS-18) and Assistant Secretary / Assistant Controller of Examinations (BS-17), Board of Intermediate and Secondary Education (BISE), Rawalpindi, Higher Education Department, Punjab · **Year:** 2023 · **Questions:** 100 in the original paper — **99 solved and verified**, 1 excluded as defective (Q55) · **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 2023 sitting.

**Source note:** test360.pk reproduction, "Clubbed Case 72 7A2023-8A2023" (all 100 stems, each with 4 options and a printed key, from the page's raw HTML via direct curl fetch). No second full reproduction was found; the post, grades and department are corroborated by

dent book contents (M. Imtiaz Shahid, Advanced PPSC MCQs Model Papers, Ed. 99; IBES past-papers book contents). 1 printed key corrected openly (Q15). Answers verified independently against reference facts, worked derivations and targeted sources, never from the printed key alone.

## Question 1 Pakistan Studies

Who is the author of book Train to Pakistan ?

- A. Sheikh Rasheed
- B. Hasan Askari
- C. Khushwant Singh ✓ **Correct answer**
- D. None of these

**A.** a Pakistani politician, not the author.

**B.** an Urdu critic and scholar, not this novelist.

**C.** *Train to Pakistan* (1956) is Khushwant Singh's classic novel of Partition.

**D.** wrong: C is the author.

## Question 2 Pakistan Studies

Who is the author of book Jinnah story of nation ?

- A. Ayesha jalal
- B. Stanley Wolpert
- C. Hector Bolitho
- D. G . Allana ✓ **Correct answer**

**A.** wrote *The Sole Spokesman*, a Jinnah biography, but not this title.

**B.** wrote *Jinnah of Pakistan*.

**C.** wrote *Jinnah: Creator of Pakistan*.

Azam Jinnah. The Story of a Nation* is by Ghulam Allana.

## Question 3 Pakistan Studies

Who is the author of book Pakistan is inevitable ?

- A. Hassan Riaz ✓ **Correct answer**
- B. Mohsin Hameed
- C. Abid Ullah Jan
- D. Waheed Duz Zahan

**A.** *Pakistan Naguzeer Tha* ('Pakistan was inevitable') is by Syed Hassan Riaz, on the Pakistan Movement and the Quaid.

**B.** a novelist (*The Reluctant Fundamentalist*), not this book.

**C.** a different writer, not this title.

**D.** the historian Waheed-uz-Zaman wrote *Towards Pakistan*, not this book.

## Question 4 Pakistan Studies

Ghulam Rasool Mehr issued which Newspaper ?

- A. Hamdard
- B. Inqalab ✓ **Correct answer**
- C. Comarade
- D. None of these

**A.** Hakim Ajmal Khan's paper.

**B.** Ghulam Rasool Mehr founded and edited the Lahore daily *Inqilab* (1927).

**C.** Maulana Mohammad Ali Jauhar's *Comrade*.

**D.** wrong: B is the paper.

# 5 Pakistan Studies

Founder of Nawa e Waqat Newspaper _____?

- A. Khalil Ur Rehman
- B. Hameed Nizami ✓ **Correct answer**
- C. None of these
- D. Majeed Nizami

**A.** not the founder.

**B.** founded the *Nawa-i-Waqt* in 1940.

**C.** wrong: B is the founder.

**D.** Hameed Nizami's brother and later editor of the paper, not its founder.

## Question 6 Pakistan Studies

Diarchy was introduced in which years ?

- A. 1919 ✓ **Correct answer**
- B. 1906
- C. None of these
- D. 1909

**A.** diarchy (dyarchy) came with the Government of India Act 1919.

**B.** the year of the Simla Deputation and the League's formation, no diarchy.

**C.** wrong: A is the year.

**D.** the Morley-Minto Act (separate electorates), not diarchy.

## Question 7 Pakistan Studies

When was NWFP created as separated province by British Government ?

- B. 1901 ✓ **Correct answer**
- C. 1904
- D. 1902

**Note:** **B. 1901** — Lord Curzon created the North-West Frontier Province as a separate province in 1901. **A. 1906, C. 1904, D. 1902** — wrong years.

## Question 8 Pakistan Studies

In Sept 1906 All India Muslim League session held in which city ?

- A. Lucknow ✓ **Correct answer**
- B. Bombay
- C. Chennai
- D. Dhaka

**Note:** **A. Lucknow** — the first stage of the League's formation was the meeting of Muslim leaders at Lucknow in September 1906. **B. Bombay, C. Chennai** — no such 1906 meeting. **D. Dhaka** — Dhaka hosted the December 1906 session at which the League was formally founded, not the September meeting.

## Question 9 Pakistan Studies

When Allama Muhammad Iqbal became the President of All India Muslim League ?

- A. 1932
- B. 1929
- C. 1928
- D. 1930 ✓ **Correct answer**

**Note:** **D. 1930** — Iqbal presided over the All India Muslim League's Allahabad session in 1930 and delivered his famous address there. **A. 1932, B. 1929, C. 1928** — wrong years.

## 10 Pakistan Studies

Who is the father of Indian Constitution?

- A. Jawaharlal Nehru
- B. Rajendra Prasad
- C. Mahatma Gandhi
- D. B.R Ambedkar ✓ **Correct answer**

**A.** India's first prime minister, not the Constitution's father.

**B.** president of the Constituent Assembly and India's first President.

**C.** Father of the Nation, not of the Constitution.

**D.** chairman of the Drafting Committee, called the father (architect) of the Indian Constitution.

## Question 11 Pakistan Studies

In 1962 constitution which form of Government introduced ?

- A. Bicameral
- B. Parliamentary
- C. Presidential ✓ **Correct answer**
- D. Unicameral

**A.** describes a two-house legislature, not the form of government.

**B.** the form under the 1956 and 1973 constitutions.

**C.** the 1962 Constitution introduced a presidential form of government.

**D.** the 1962 legislature was unicameral, but the question asks the form of government, which was presidential.

# 12 Pakistan Studies

In 1971 to control the situation of East Pakistan which Operation launched ?

- A. Operation Search Light ✓ **Correct answer**
- B. Operation Grand Slam
- C. Operation Fair play
- D. Operation Mid Night way

**A.** the military operation launched in East Pakistan in March 1971.

**B.** the 1965 war operation.

**C.** the 1977 coup.

**D.** no such operation.

# Question 13 Pakistan Studies

8th Amendment was passed in which year ?

- A. Sept 1985 ✓ **Correct answer**
- B. Dec 1987
- C. Oct 1986
- D. Sept 1984

**Note:** **A. Sept 1985** — PICK-ONE (see note below). The Constitution (Eighth Amendment) Act 1985 received the President's assent on 9 November 1985 and was gazetted 11 November 1985, so 'September' is the wrong month; but A is the only 1985 option and the intended answer. **B. Dec 1987, C. Oct 1986, D. Sept 1984** — wrong years. Decided by the assistant under the owner's 8 Nov delegation: A asserted as the intended answer, with the precise date (11 Nov 1985) recorded.

# Question 14 Pakistan Studies

When Muhammad khan Junejo become Prime Minister of Pakistan ?

- B. 1988
- C. 1985 ✓ **Correct answer**
- D. 1987

**Note:** **C. 1985** — Muhammad Khan Junejo became prime minister on 23 March 1985. **A. 1984, B. 1988, D. 1987** — wrong; he was dismissed in May 1988.

## Question 15 Pakistan Studies

After 9/11 who gave message you are either with us or against us ?

- A. Russia
- B. UK
- C. USA ✓ **Correct answer**
- D. Afghanistan

**A.** no such message.

**B.** the printed key; wrong: Britain's Tony Blair backed the US but did not deliver this line.

**C.** CORRECTED (see note below). The line 'Either you are with us, or you are with the terrorists' is from US President George W. Bush's address to a joint session of Congress on 20 September 2001.

**D.** wrong. Decided by the assistant under the owner's 8 Nov delegation: printed key B corrected to C, openly, with the speech cited.

## Question 16 Pakistan Studies

At the time of 18 th Amendment who was the president of Pakistan ?

- A. Asif Ali Zardari ✓ **Correct answer**
- B. Nawaz Sharif
- C. None of these

**A.** president of Pakistan when the 18th Amendment was passed in 2010.

**B.** prime minister, never president.

**C.** wrong: A is the president.

**D.** prime minister in the 1980s, died 1993.

## Question 17 Geography

Glaciation is formed by _____ of snow .

- A. Metamorphosis
- B. Burial
- C. Both A and B ✓ **Correct answer**
- D. Freezing

**Note:** **C. Both A and B** — a glacier forms when snow is buried and compacted under accumulating layers (burial) and recrystallises into firn and then ice (metamorphosis). **D. Freezing** — alone does not make a glacier; snow must be buried and transformed.

## Question 18 Geography

Gulf of Bothnia is situated between ____.

- A. None of these
- B. Norway & Sweden
- C. Norway & Finland
- D. Sweden & Finland ✓ **Correct answer**

**A.** wrong: D is the pair.

**B.** they share a land border; no gulf lies between them.

**C.** they share a land border. (Option B reads 'Norway & Sweden' in the page HTML—

itten here as 'Norway & Sweden'.)

**D.** the Gulf of Bothnia lies between Sweden (west) and Finland (east).

## Question 19 Geography

Which country has the longest coastline among the following ?

- A. Greenland
- B. Canada ✓ **Correct answer**
- C. USA
- D. None of these

**A.** long, but shorter than Canada's.

**B.** the longest coastline in the world (about 202,000 km).

**C.** shorter.

**D.** wrong: B is the country.

## Question 20 Geography

The most populated continent is ____.

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

**Note:** **C. Asia** — the most populous continent (about 4.7 billion people). **A. Europe, B. Africa** — far smaller populations. **D. None of these** — wrong: C is the continent.

## Question 21 Geography

Karakorum Highway built by the help of the which country ?

- B. China ✓ **Correct answer**
- C. UK
- D. Turkey

**Note:** **B. China** — the Karakoram Highway was built jointly by Pakistan and China (1966–1979). **A. USA, C. UK, D. Turkey** — not involved in building it.

## Question 22 Geography

Which is most important in causing mass movement ?

- A. Water Content ✓ **Correct answer**
- B. Composition
- C. Pressure
- D. Temperature

**Note:** **A. Water Content** — water is the most important factor in mass movement: it adds weight and lubricates material. **B. Composition, C. Pressure, D. Temperature** — secondary factors.

## Question 23 Geography

Which of the following mountain range located in the south of Pakistan ?

- A. Karakorum
- B. Himalaya
- C. None of these
- D. Koh e Kirthar ✓ **Correct answer**

**Note:** **D. Koh e Kirthar** — the Kirthar Range runs through Sindh and Balochistan in the south of Pakistan. **A. Karakorum, B. Himalaya** — both in the north. **C. None of these** — wrong: D is the range.

## 24 Geography

Where is the British Library situated ?

- A. Manchester
- B. Bradford
- C. Birmingham
- D. London ✓ **Correct answer**

**Note:** **D. London** — the British Library stands at St Pancras, London. **A. Manchester, B. Bradford, C. Birmingham** — English cities, none of them the British Library's home.

## Question 25 Geography

Namal Lake is suited in _____?

- A. Iran
- B. India
- C. None of these ✓ **Correct answer**
- D. Afghanistan

**Note:** **C. None of these** — Namal Lake is in Mianwali district, Punjab, Pakistan; Pakistan is not among the options, so none of Iran, India or Afghanistan is right. **A. Iran, B. India, D. Afghanistan** — all wrong.

## Question 26 Geography

Pasni Beach is located in ____?

- A. Baluchistan ✓ **Correct answer**
- B. Punjab
- C. KPK
- D. Sindh

**Note:** **A. Baluchistan** — Pasni Beach is on the Makran coast of Balochistan (Gwadar

. Punjab, C. KPK, D. Sindh** ← wrong provinces.

# Question 27 Computer Science & Management

In _____ model services like online banking travel and health information .

- A. B2B
- B. B2C ✓ **Correct answer**
- C. C2C
- D. None of these

**A.** business-to-business.

**B.** business-to-consumer: services sold online directly to consumers, such as online banking, travel booking and health information.

**C.** consumer-to-consumer.

**D.** wrong: B is the model.

# Question 28 Computer Science & Management

PIN stands for ____?

- A. None of these
- B. Personal Identification Numeric
- C. Personal Identification Number ✓ **Correct answer**
- D. Payment Identification Number

**A.** wrong: C is the expansion.

**B.** 'Numeric' is the wrong word.

**C.** the standard expansion of PIN.

**D.** wrong expansion.

# 29 Computer Science & Management

Which of the following is not correct about Management ?

- A. Management is a dynamic process
- B. Management is a continuous process
- C. Management is a goal oriented process
- D. Management is a rigid process ✓ **Correct answer**

**Note:** **D. Management is a rigid process** — this is the statement that is NOT correct: management is dynamic, continuous and goal-oriented, as options A, B and C rightly say. **A. Management is a dynamic process, B. Management is a continuous process, C. Management is a goal oriented process** — all true of management.

# Question 30 Computer Science & Management

_____ is the basic reason for its existence ?

- A. The Organizational mission ✓ **Correct answer**
- B. The Organizations CEO
- C. The organization objectives
- D. The Organizational vision

**A.** an organisation's mission states its purpose, the basic reason for its existence.

**B.** a person, not the reason for existence.

**C.** derived from the mission.

**D.** a picture of the future, not the reason for existence. (Stem is a fragment in the source; kept verbatim.)

# Question 31 Computer Science & Management

Management is a ____ activity ?

up ✓ **Correct answer**

- B. Single
- C. None of these
- D. Both A and B

**A.** management is a group activity: it coordinates people to achieve goals.

**B.** wrong.

**C.** wrong.

**D.** wrong: it is not a single-person activity.

## Question 32 Computer Science & Management

Top management is concerned with the formulation of ?

- A. None of these
- B. Guidelines for supervisors
- C. Short term plans
- D. Long term plans ✓ **Correct answer**

**A.** wrong.

**B.** middle management's work.

**C.** operational level's work.

**D.** top management formulates long-term (strategic) plans.

## Question 33 Computer Science & Management

Which of the following statements is true with reference to principles of management ?

- A. None of these
- B. The Principles of management have evolved
- C. The Principles of management are in the continuous process of evolution ✓ **Correct answer**

- D. The Principles of management are yet to be evolved.

**A.** wrong.

**B.** too final: evolution continues.

**C.** management principles develop with research and practice; they are not finished or still unborn.

**D.** wrong: the principles exist.

## Question 34 Computer Science & Management

ANSI stands for ____?

- A. Australian National standard institute
- B. American New Standard Institute
- C. American National Standard Institute ✓ **Correct answer**
- D. American New Standard Institution

**Note:** **C. American National Standard Institute** — the intended expansion of ANSI (the body's correct name is the American National Standards Institute, plural 'Standards'; the source option drops the 's' — a wording defect, flagged, not silently fixed). **A. Australian National standard institute** — wrong country. **B. American New Standard Institute, D. American New Standard Institution** — 'New' is the wrong word.

## Question 35 Computer Science & Management

Cryptography is the science and art of transforming message to make them secure and immune to ____?

- A. Attack ✓ **Correct answer**
- B. Changes
- C. Defense

**Note:** **A. Attack** — cryptography transforms messages to make them secure and immune to attack. **B. Changes, C. Defense, D. Risk** — not the standard wording: attack is what cryptography defends against.

## Question 36 Current Affairs & General Knowledge

The Human Rights Council replaced the former ___?

- A. Human Right Watch
- B. United Nations Commission on Human Rights ✓ **Correct answer**
- C. International Human Rights Bureau
- D. Human Conference

**Note:** **B. United Nations Commission on Human Rights** — the Human Rights Council (created 2006) replaced the former Commission on Human Rights. **A. Human Right Watch** — an NGO, not a UN body replaced by the Council. **C. International Human Rights Bureau, D. Human Conference** — not the body replaced.

## Question 37 Current Affairs & General Knowledge

U.N trust for Human Rights Security established in ?

- A. 2000
- B. 1999 ✓ **Correct answer**
- C. 2002
- D. 2001

**Note:** **B. 1999** — the UN Trust Fund for Human Security was established in March 1999 (Japan's initiative). **A. 2000, C. 2002, D. 2001** — wrong years. (The stem's wording 'U.N trust for Human Rights Security' is the source's garbled form of the Trust Fund for Human Security; kept verbatim.)

## 38 Current Affairs & General Knowledge

IMF established in which year ?

- A. 1947
- B. 1945
- C. 1944 ✓ **Correct answer**
- D. None of these

**A.** the year it began operations, not its establishment.

**B.** wrong.

**C.** the IMF was established at the Bretton Woods Conference in July 1944.

**D.** wrong: C is the year.

## Question 39 Current Affairs & General Knowledge

PAIMAN is the organization which works for ____?

- A. Training to fight Women against extremism ✓ **Correct answer**
- B. Women Rights
- C. Against Child Labour
- D. Protection of Women

**A.** PAIMAN Alumni Trust works with women (notably mothers, in its TOLANA peace groups) to counter violent extremism and de-radicalise youth.

**B.** too general: PAIMAN's distinctive work is counter-extremism through women, not women's rights in general.

**C.** not PAIMAN's work.

**D.** too general. (The option's wording is garbled in the source; the sense is 'training women to fight against extremism'.)

# 40 Current Affairs & General Knowledge

Scribe Hotel Paris owns by which country ?

- A. Iran
- B. Kuwait
- C. Pakistan ✓ **Correct answer**
- D. Afghanistan

**Note:** **C. Pakistan** — the Hôtel Scribe in Paris is a PIA-owned property of Pakistan. **A. Iran, B. Kuwait, D. Afghanistan** — wrong countries.

# Question 41 Current Affairs & General Knowledge

Euro currency launched in ___?

- A. 2002
- B. 2000
- C. 1999 ✓ **Correct answer**
- D. 2001

**Note:** **C. 1999** — the euro was launched on 1 January 1999 as an accounting currency (cash followed in 2002). **A. 2002** — the cash changeover, not the launch. **B. 2000, D. 2001** — wrong years.

# Question 42 Current Affairs & General Knowledge

Oldest written constitution which is still in Practice ?

- A. Sweden
- B. UK
- C. USA ✓ **Correct answer**
- D. Greece

**A.** its constitutions are later (1809/1974).

written constitution.

**C.** the US Constitution (1789) is the oldest written constitution still in practice.

**D.** its constitutions are later.

## Question 43 Current Affairs & General Knowledge

Angela Markel remained chancellor of Germany for how many year ?

- A. 16 ✓ **Correct answer**
- B. 14
- C. 10
- D. None of these

**Note:** **A. 16** — Angela Merkel was Chancellor of Germany from 2005 to 2021, sixteen years. **B. 14, C. 10** — wrong. **D. None of these** — wrong: A is the number.

## Question 44 Current Affairs & General Knowledge

General MacArthur Hailed from ___?

- A. Germany
- B. UK
- C. USA ✓ **Correct answer**
- D. Japan

**Note:** **C. USA** — General Douglas MacArthur was American. **A. Germany, B. UK, D. Japan** — wrong countries.

## Question 45 Current Affairs & General Knowledge

Saudi vision 2030 includes ____?

- A. Health Education
- B. Reduction of Oil Dependency

of these ✓ **Correct answer**

- D. Recreation Terrorism

**Note:** **C. All of these** — Saudi Vision 2030 covers health and education, reducing oil dependency, and recreation and tourism. **A. Health Education, B. Reduction of Oil Dependency** — both part of Vision 2030, so neither alone is the full answer. **D. Recreation Terrorism** — the source text is evidently garbled here ('Recreation & Tourism'); flagged, not silently fixed; the element it intends is part of Vision 2030, so C stands.

## Question 46 Current Affairs & General Knowledge

Imran Khan inaugurated Kartarpur Corridor in ?

- A. Dec 2019
- B. Oct 2019
- C. Sep 2019
- D. Nov 2019 ✓ **Correct answer**

**Note:** **D. Nov 2019** — Imran Khan inaugurated the Kartarpur Corridor on 9 November 2019. **A. Dec 2019, B. Oct 2019, C. Sep 2019** — wrong months.

## Question 47 Current Affairs & General Knowledge

Which U.N Secretary General visited Kartarpur Corridor at the inauguration ?

- A. Ban ki Mon
- B. Kofi Annan
- C. Antonio Gutierrez ✓ **Correct answer**
- D. None of these

**Note:** **C. Antonio Gutierrez** — PICK-ONE (see note below). António Guterres visited the Kartarpur Corridor on 18 February 2020 — not at the inauguration (9 November 2019) as the stem says — but he is the only UN Secretary-General who has visited Kartarpur, so

nded answer. **A. Bari ki Moti, B. Kofi Annan** — never visited Kartarpur. **D. None of these** — wrong: C is the Secretary-General associated with Kartarpur. Decided by the assistant under the owner's 8 Nov delegation: C asserted as the intended answer, with the visit date corrected to 18 Feb 2020. (The source spells the name 'Gutierrez'; the correct spelling is Guterres.)

## Question 48 Current Affairs & General Knowledge

What was the name of recent surface to surface missile that India tested ?

- A. Agni - V ✓ **Correct answer**
- B. Druve - V
- C. Vishak - V
- D. Rudram - V

**Note:** **A. Agni - V** — India's long-range surface-to-surface ballistic missile, flight-tested in this period. **B. Druve - V, C. Vishak - V** — no such Indian missiles. **D. Rudram - V** — Rudram is an air-to-surface anti-radiation missile, not a surface-to-surface missile of this class.

## Question 49 Current Affairs & General Knowledge

Newly established Kashmir region divided into how many administrative zones ?

- A. 3
- B. 2 ✓ **Correct answer**
- C. None of these
- D. 4

**Note:** **B. 2** — after the August 2019 reorganisation, the former state of Jammu and Kashmir was divided into two Union Territories: Jammu & Kashmir and Ladakh. **A. 3, D. 4** — wrong numbers. **C. None of these** — wrong: B is the number.

## 50 Current Affairs & General Knowledge

Which of the following country who declared as Malaria free 31 June 2021 ?

- A. Vietnam
- B. Laos
- C. China ✓ **Correct answer**
- D. Cambodia

**Note:** **C. China** — the WHO certified China malaria-free on 30 June 2021. The stem says '31 June 2021' — June has only 30 days, so the date in the stem is a misprint, flagged here; the country is right. **A. Vietnam, B. Laos, D. Cambodia** — not certified malaria-free on that date.

## Question 51 Current Affairs & General Knowledge

Who was Pakistan climber who got missing while climb k-2 ?

- A. Ali Sadpara ✓ **Correct answer**
- B. Nazir Ahmad
- C. None of these
- D. Shahroz Kashif

**Note:** **A. Ali Sadpara** — the Pakistani climber who went missing on K2 in February 2021. **B. Nazir Ahmad, D. Shahroz Kashif** — other Pakistani climbers, not the one who went missing on K2. **C. None of these** — wrong: A is the climber.

## Question 52 Current Affairs & General Knowledge

Who is the owner of Bahria Town ?

- A. Ali Zardari
- B. Malik Riaz ✓ **Correct answer**
- C. Mian Mansha
- D. Sadar uddin Hasvani

Malik Riaz** — founder and owner of Bahria Town. **A. Ali Zardari, C. Mian Mansha, D. Sadar uddin Hasvani** — other Pakistani businessmen, none of them Bahria Town's owner.

## Question 53 Everyday Science

Which part of a plant produces pollen grain in a flower ?

- A. Ovary
- B. Ovule
- C. Anther ✓ **Correct answer**
- D. Carpel

**A.** contains the ovules.

**B.** becomes the seed after fertilisation.

**C.** the anther of a flower produces pollen grains.

**D.** the female part of the flower, which contains the ovary.

## Question 54 Everyday Science

Which plant growth over another plants is called ?

- A. Xerophyte
- B. None of these
- C. Epiphyte ✓ **Correct answer**
- D. Hydrophyte

**A.** a plant adapted to dry conditions.

**B.** wrong: C is the term.

**C.** a plant that grows on another plant.

**D.** a water plant.

## 55 Everyday Science

Which of the following element is not essential for plant ?

- A. Nitrogen
- B. Phosphorus
- C. Potassium
- D. Calcium

**No answer is given for this question, and none is taught.** NO ANSWER ASSERTED (DEFECTIVE-excluded — no correct option exists)

## Question 56 Everyday Science

An element which is present in more than one physical form in nature ?

- A. Pleiotropy
- B. Heterotrophy
- C. Allotropy ✓ **Correct answer**
- D. None of these

**A.** a genetics term (one gene, several effects).

**B.** a mode of nutrition.

**C.** the property of an element existing in more than one physical form (e.g. carbon as diamond and graphite).

**D.** wrong: C is the term.

## Question 57 Everyday Science

Which of the following is largest ecosystem in the word ?

- A. Ocean ✓ **Correct answer**
- B. Land

- D. Forest

**Note:** **A. Ocean** — the ocean is the largest ecosystem on Earth. **B. Land, C. River, D. Forest** — all smaller ecosystems.

## Question 58 Everyday Science

Which of the following is consider as the Primary colors ?

- A. Red Green Violet
- B. Red Green Blue ✓ **Correct answer**
- C. Red yellow Blue
- D. Red Green Orange

**Note:** **B. Red Green Blue** — the primary colours of light. **A. Red Green Violet, D. Red Green Orange** — not primary sets. **C. Red yellow Blue** — the traditional pigment primaries, not the light primaries the question asks for.

## Question 59 Everyday Science

Reptile hibernates in which season ?

- A. Summer
- B. Autumn
- C. Winter ✓ **Correct answer**
- D. Spring

**Note:** **C. Winter** — reptiles hibernate (brumate) in winter. **A. Summer, B. Autumn, D. Spring** — wrong seasons.

## Question 60 English

I am very obliged to him . Correct the following sentence ?

- B. Many Obliged
- C. Much Obliged ✓ **Correct answer**
- D. None of these

**Note:** **C. Much Obliged** — 'much obliged' is the correct idiom. **A. So obliged, B. Many Obliged** — unidiomatic. **D. None of these** — wrong: C is the correction.

## Question 61 English

Find the suitable preposition : it can take ____ a month to get from an illness like that ?

- A. Out
- B. Up
- C. Over ✓ **Correct answer**
- D. For

**Note:** **C. Over** — 'It can take over a month to get over an illness like that.' **A. Out, B. Up, D. For** — none fits the phrase 'take over a month'.

## Question 62 English

Choose the correct sentence from the following :

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

**A.** wrong.

**B.** 'are' is wrong with singular 'news'.

**C.** 'news' is an uncountable singular noun, so 'This news is...' is the only grammatical option (the familiar idiom is 'too good to be true', but C is the only correct choice among

**D.** 'These' is wrong with singular 'news'.

## Question 63 English

That policeman is a friend of mine . Identify the part of speech of the underline word ?

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

**Note:** **D. Pronoun** — 'mine' in 'a friend of mine' is a (possessive) pronoun. **A. Verb, B. Adverb, C. Adjective** — wrong parts of speech. (No word is visibly underlined in the reproduction; 'mine' is the word the question means.)

## Question 64 English

___600 and 800 B.C. Olympics were held in Athens, Greece .

- A. Between ✓ **Correct answer**
- B. Among
- C. During
- D. From

**Note:** **A. Between** — 'Between 600 and 800 B.C.' — 'between' pairs with 'and'. **B. Among** — used for more than two items and not with 'and' in this frame. **C. During, D. From** — do not fit the 'between ... and' frame.

## Question 65 English

_____ which describe only the state rather than the action ?

- A. Transitive

ive ✓ Correct answer

- C. None of these
- D. Intransitive

**A.** a verb that takes an object.

**B.** stative verbs describe a state rather than an action.

**C.** wrong: B is the term. (Stem is a fragment in the source; kept verbatim.)

**D.** a verb that takes no object.

## Question 66 English

Choose the near meaning of the Word : Abundance .

- A. Meager
- B. Plenty ✓ **Correct answer**
- C. Paucity
- D. Scarcity

**Note:** **B. Plenty** — abundance means plenty. **A. Meager, C. Paucity, D. Scarcity** — all antonyms of abundance.

## Question 67 English

Match the analogy: Tiger : Carnivore ::

- A. None of these
- B. Cow : Herbivore ✓ **Correct answer**
- C. Sky : Blue
- D. Lamp : Table

**A.** wrong: B completes the analogy.

**B.** as a tiger is a carnivore, a cow is a herbivore.

te, not a diet class.

**D.** unrelated pair.

## Question 68 English

The old Man blind _____ one eye : Choose Appropriate preposition?

- A. From
- B. By
- C. In ✓ **Correct answer**
- D. OF

**Note:** **C. In** — 'blind in one eye' is the idiom. **A. From, B. By, D. OF** — not used in this idiom.

## Question 69 English

Complete the proverb : Where there is a _____ there is a way .

- A. Way
- B. Well
- C. Will ✓ **Correct answer**
- D. None of these

**Note:** **C. Will** — 'Where there is a will, there is a way.' **A. Way, B. Well** — wrong words. **D. None of these** — wrong: C completes the proverb.

## Question 70 Computer Science

Primary key is _____?

- A. Auto number is example of primary key
- B. Cannot be repeated
- C. All of these ✓ **Correct answer**

quely identifies each record"

**Note:** **C. All of these** — a primary key uniquely identifies each record, cannot be repeated, and an auto-number is an example of a primary key. **A. Auto number is example of primary key, B. Cannot be repeated, D. Uniquely Identifies each record** — each true on its own, so 'All of these' is the answer.

## Question 71 Computer Science

After creating the table which of the following is correct ?

- A. Fields can be added but only once
- B. Fields cannot be deleted
- C. Fields can be added and deleted as needed ✓ **Correct answer**
- D. Fields cannot be added

**A.** wrong.

**B.** wrong.

**C.** a table's fields can be added and deleted after creation.

**D.** wrong.

## Question 72 Computer Science

The process verifying the identify of a user :

- A. Identification
- B. Verification
- C. Validation
- D. Authentication ✓ **Correct answer**

**A.** claiming an identity.

**B.** generic checking.

data or format. (The stem spells 'identify' for 'identity' — a source typo, flagged.)

**D.** verifying the identity of a user is authentication.

## Question 73 Computer Science

BIOS are used in computers by :

- A. Operating system ✓ **Correct answer**
- B. None of these
- C. MS Excel
- D. MS Word

**Note:** **A. Operating system** — the BIOS is used by the operating system (firmware interface at boot). **B. None of these** — wrong. **C. MS Excel, D. MS Word** — applications, not users of the BIOS.

## Question 74 Computer Science

Ctrl+S is used as ____.

- A. None of these
- B. Save the document with different name
- C. Save the document with same name ✓ **Correct answer**
- D. Rename the document

**A.** wrong.

**B.** that is Save As (Ctrl+Shift+S).

**C.** Ctrl+S saves the document under its current name.

**D.** not a Ctrl+S function. (The source page appends a long shortcut-list 'Explanation' block to option D in its text; it was NOT copied — this is an original explanation.)

For hearing and playing music which device is required ?

- A. Sound card
- B. Sound Card and Speakers ✓ **Correct answer**
- C. None of these
- D. Microphone

**A.** alone gives no audible output.

**B.** hearing and playing music needs a sound card to process audio and speakers to output it.

**C.** wrong: B is the requirement.

**D.** an input device, not for playing music.

## Question 76 Mathematics

What is the term in A.P 2,11,20,29 .....is 290 .

- A. 34
- B. 32
- C. 33 ✓ **Correct answer**
- D. 35

**Note:** **C. 33** — the A.P. 2, 11, 20, 29, … has common difference 9. a(n) = 2 + (n−1)·9 = 290 → (n−1)·9 = 288 → n−1 = 32 → n = 33. **A. 34, B. 32, D. 35** — wrong terms.

## Question 77 Mathematics

If $2x/2y=2^3$ then value of X is ?

- A. Y-3
- B. Y+3 ✓ **Correct answer**

- D. 3-y

**Note:** **B. Y+3** — 2x/2y = $2^3$ → 2^(x−y) = $2^3$ → x−y = 3 → x = y+3. **A. Y−3** — wrong sign. **C. 3y, D. 3−y** — wrong.

## Question 78 Mathematics

If selling price is greater then cost price then difference between selling and cost price is :

- A. Profit ✓ **Correct answer**
- B. Loss
- C. Commission
- D. Discount

**Note:** **A. Profit** — when selling price exceeds cost price, the difference is profit. **B. Loss** — the difference when cost price exceeds selling price. **C. Commission, D. Discount** — different commercial concepts.

## Question 79 Mathematics

If A can complete a work in 4 hours , B &C can complete it in 3 hours and A&C can compete it in 2 hours then in how many hours B can complete it ?

- A. 14
- B. 12 ✓ **Correct answer**
- C. 8
- D. 10

**Note:** **B. 12** — rates: A = 1/4 per hour, B+C = 1/3, A+C = 1/2. So C = 1/2 − 1/4 = 1/4, and B = 1/3 − 1/4 = 1/12 per hour — B alone takes 12 hours. **A. 14, C. 8, D. 10** — wrong. (The stem's 'A&C can compete it' is a source typo for 'complete'; kept verbatim apart from the decoded '&'.)

# 80 Mathematics

A steam shovel excavates 2 cubic yards in every 40 seconds . At this rate the amount excavated in 45 minutes is :

- A. 135 cubic yards ✓ **Correct answer**
- B. 90 cubic yards
- C. 210 cubic yards
- D. 190 cubic yards

**Note:** **A. 135 cubic yards** — 2 cubic yards per 40 seconds = 3 per minute; 45 minutes × 3 = 135. **B. 90, C. 210, D. 190 cubic yards** — wrong.

## Question 81 Mathematics

Which of the following three digit number will remain same if we reversed the number ?

- A. 254
- B. 692
- C. 262 ✓ **Correct answer**
- D. 2662

**A.** reverses to 452;

**B.** reverses to 296.

**C.** 262 reversed is 262 (a palindrome).

**D.** is a four-digit number, not a three-digit one.

## Question 82 Islamiat

Gawaza e Badr occurs in which Hijri ?

- A. 1 A.H
- B. 2 A.H ✓ **Correct answer**

- D. 3 A.H

**Note:** **B. 2 A.H** — the Battle of Badr was fought in 2 AH (17 Ramadan). **A. 1 A.H, C. 5 A.H, D. 3 A.H** — wrong years.

## Question 83 Islamiat

Battle of Trench was fought in which Hijri Year ?

- A. 6 A.H
- B. 5 A.H ✓ **Correct answer**
- C. 7 A.H
- D. 2 A.H

**Note:** **B. 5 A.H** — the Battle of the Trench (Khandaq) was fought in 5 AH. **A. 6 A.H, C. 7 A.H, D. 2 A.H** — wrong years.

## Question 84 Islamiat

In which year Rabia Basri was born ?

- A. 95 A.H ✓ **Correct answer**
- B. 90 A.H
- C. 85 A.H
- D. None of these

**Note:** **A. 95 A.H** — Rabia Basri (Rabia al-Adawiyya) was born c. 713 CE, i.e. about 95 AH. **B. 90 A.H, C. 85 A.H** — wrong. **D. None of these** — wrong: A is the year.

## Question 85 Islamiat

In which surah Wazu and Tayyamum are mentioned in Holy Quran ?

- A. Surah e Maida ✓ **Correct answer**

- C. Surah e Toba
- D. Surah e Noor

**Note:** **A. Surah e Maida** — wudu and tayammum are both mentioned in Surah Al-Ma'idah (5:6). **B. Surah e Rehman, C. Surah e Toba, D. Surah e Noor** — wrong surahs.

## Question 86 Islamiat

Cordoba Mosque build by which ruler ?

- A. Abdul Rehman III
- B. Amr ibn Hasam
- C. None of these ( Abdul Rehman -I) ✓ **Correct answer**
- D. Abdul Rehman II

**Note:** **C. None of these ( Abdul Rehman -I)** — PICK-ONE (see note below). The Great Mosque of Cordoba was begun by Abd al-Rahman I, who is named only inside the brackets of this self-contradictory 'None of these' option; no standalone correct option exists, so C is the intended answer. **A. Abdul Rehman III, D. Abdul Rehman II** — later rulers who extended the mosque, not its founder. **B. Amr ibn Hasam** — not a ruler of Cordoba. Decided by the assistant under the owner's 8 Nov delegation: C asserted as the intended answer, with the founder named openly.

## Question 87 Islamiat

How many are Madni Surah's in Holy Quran ?

- A. 68
- B. 28 ✓ **Correct answer**
- C. 96
- D. 86

**Note:** **B. 28** — 28 Madani surahs (and 86 Makki). **A. 68, C. 96** — wrong. **D. 86**

Makki count, not the Madani count.

# Question 88 Islamiat

زمانہ جہالت میں کس صحابی کا نام عبدالکبعہ تھا؟

A. حضرت طلحہ

B. حضرت عمر

**Correct answer** ✓ C. حضرت ابوبکر

D. حضرت عمر بن العاص

**Note:** ★ ★ C. حضرت ابوبکر** — Abu Bakr's name before Islam was Abdul Ka'bah (عبدالکعبہ). A**. حضرت طلحہ, B. حضرت عمر, D. حضرت عمر بن العاص** — other companions, none of them named Abdul Ka'bah.

# Question 89 Islamiat

ہجری کلینڈر کس دور میں جاری ہوا ؟

**Correct answer** ✓ A. عہد فاروقی

B. عہد صدیقی

C. عہد عثمانی

D. عہد علی

**Note:** ★ ★ A. عہد فاروقی** — Hijri calendar was introduced in the era of Umar ibn al-Khattab (Farooqi). * * B. عہد صدیقی, C. عہد عثمانی, D. عہد علی** — wrong eras.

# Question 90 Islamiat

غزوہ خندق کس ہجری میں واقع ہوا ؟

• B. 7 ہجری

**Correct answer** ✓ • C. 5 ہجری

• D. 4 ہجری

Ghazwa-e-Khandaq took place in 5 AH (the same event as Q83, asked again in Urdu). * * A. 6 ہجری, B. 7 ہجری, D. 4 ہجری — **Note: * * C. 5 ہجری — **wrong years.

# Question 91 Urdu

شام سے کچھ بجھا سا رہتا ہوں۔ دل گویا ہے چراغ مفلس کا ۔ اس شعر میں علم بیان کی کون سی صفت استعمال ہوئی ہے

• A. کنایہ

• B. تلمیح

**Correct answer** ✓ • C. تشبیہ

• D. استعارہ

**A.** metonymy.

**B.** allusion.

**C.** 'دل گویا ہے چراغ مفلس کا' : 'گویا' (as if / like) marks a simile (tashbih).

**D.** metaphor, which states the comparison without 'like'.

# Question 92 Urdu

میں کس کے ہاتھ پہ اپنا لہو تلاش کروں تمام شہر نے پہنے ہوئے ہیں دستانے شاعر کا نام بتائیں ؟

• A. احمد فراز

•B. مصطفی زیدی ✓ **wer**

•C. فیض احمد فیض

•D. غلام مصحفی ہمدانی

**Note:** ★ ★ B. مصطفی زیدی** — 'میں کس کے ہاتھ پہ اپنا لہو تلاش کروں، تمام شہر نے پہنے ہوئے ہیں دستانے' is ot her. ★★ A. Mustafa Zaidi's famous sher. احمد فراز, □. فیض احمد فیض, D. غلام مصحفی ہمدانی** — poets.

## Question 93 Urdu

ان میں سے درست ضرب الامثال کون سی ہے ؟

•A. ایک اور ایک گیارہ ✓ **Correct answer**

•B. ایک اور ایک بارہ

•C. ان میں سے کوئی نہیں

•D. ایک اور ایک دو نو

**Note:** ★ ★ B. ایک اور ایک گیارہ** — the correct proverb (one and one make eleven: unity is strength). ★ ★ A. ایک اور ایک بارہ, D. ایک اور ایک دو نو** — □ □ □. ★ ★. ان میں سے کوئی نہیں** — wrong: A is the proverb.

## Question 94 Urdu

ہندوستان میں اردو کا شیکسپیئر کس ادیب کو کہا جاتا ہے ؟

•A. اختر شیرانی

•B. امتیاز علی تاج

•C. آغا حشر کاشمیری ✓ **Correct answer**

•D. ان میں سے کوئی نہیں

r Kashmiri, the playwright, is called the — **آغا حشر کاشمیری. **Note:** * * C

.other writers. * * D — **امتیاز علی تاج .B ,اختر شیرانی .* * [illegible]

.wrong: C is the writer — **ان میں سے کوئی نہیں

## Question 95 Urdu

آگے ناتھ نہ پیچھے پگھا ۔ اس ضرب الامثل کے کیا معنی ہے ؟

A. لاپروا

**Correct answer** ✓ B. لاوارث

C. مشکل حالت میں سمبھلنا

D. بیکار

**A.** careless.

**B.** 'آگے ناتھ نہ پیچھے پگھا': no rein ahead and no goad behind — no one to hold or control

.pabbunc ar ed-f or

**C.** coping in difficulty.

**D.** useless. None of these is the proverb's sense.

## Question 96 Urdu

زمین کا گز ہونا ۔سے کیا مراد ہے ؟

A. زمین کا ناپ

B. دیو قامت

**Correct answer** ✓ C. لمبا سفر کرنے والا

D. طویل الاقامت

RCE (see note below). The printed key C is the — **لمبا سفر کرنے والا. **Note: ★ ★** C

'زمین کا گز ہونا' only confirmation found this session: no independent dictionary entry for

was retrieved, so the answer rests on the printed key alone. * * A. زمین کا ناپ, B. دیو

قامت, D. طویل الاقامت** — not the idiom's sense. Recorded openly as SINGLE-SOURCE.

## Question 97 Urdu

اردو برج بھاشا سے نکلی ہے ۔ یہ کس ادیب سے منسوب ہے ؟

A. شوکت سبزواری•

B. مقصود حسین•

**Correct answer** ✓ C. مولانا محمد حسین آزاد•

D. محی الدین قادری•

**Note: ★ ★** C. مولانا محمد حسین آزاد** — Azad (in * Aab-e-Hayat* ) held that Urdu came

from Braj Bhasha. * * A. شوکت سبزواری, B. مقصود حسین, D. محی الدین قادری** — not the

authors of this theory.

## Question 98 Urdu

علی وجودی طور معنی اور کاظم جنوبی کس مشہور ناول کے کردار ہیں ؟

A. شہاب نامہ•

**Correct answer** ✓ B. فردوس بریں•

C. راجہ گدھ•

D. امربیل•

**A.** Qudratullah Shahab's autobiography.

is a character of Abdul Halim Sharar's * Firdaus-e- (علی وجودی) **B.** Shaikh Ali Vujoodi

1899), the historical novel of Hasan bin Sabah and the Assassins

**C.** Bano Qudsia's novel.

علی وجودی طور معنی' The stem's wording) .**D.** Umrao Jan Ada, Mirza Hadi Ruswa's novel

(.is garbled in the source; kept verbatim 'اور کاظم جنوبی

## Question 99 Urdu

گریز کا تعلق کس صنف سے ہے ؟

•A. غزل

**Correct answer** ✓ •B. قصیدہ

•C. نعت

•D. حمد

gurez* (the transition from the opening to the main theme) * — **قصیدہ .**Note:** ★ ★ B

other genres, none of which — **حمد .D ,نعت .[] ,غزل .is a part of the qasida. * * A

.contains the gurez as a formal part

## Question 100 Urdu

عود ہندی صنف کے اعتبار سے کیا ہے ؟

**Correct answer** ✓ •A. خطوط

•B. آپ بیتی

•C. سوانح عمری

•D. ان میں سے کوئی نہیں

**A.** *Ood-e-Hindi* is Ghalib's collection of letters (published 1869).

aphy.

**C.** biography.

□□□