# Assistant Director, Ministry of Overseas and Human Resources, BPS-17 — 2011 · Solved Past Paper

**Body:** Federal Public Service Commission (FPSC) · **Post:** Assistant Director, Ministry of Overseas and Human Resources, BPS-17 · **Year:** 2011 · **Questions:** 100 in the original paper — **95 solved and verified**, 5 excluded as defective (Q17, Q55, Q66, Q91, Q99) · **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 2011 sitting.

**Source note:** test360.pk reproduction, 'Model Paper FPSC AD Ministry Of Overseas & Human Resources BPS-17 2011' (test 1367; states 100 total, shows all 100 stems Q1-Q100; 95 carry a printed key, 5 do not: Q26, Q28, Q41, Q81, Q85; accessed 13 Nov 2026). No second full reproduction found; answers verified independently. 92 VERIFIED + 3 SINGLE-SOURCE (Q33, Q34, Q87) + 5 DEFECTIVE-excluded (Q17, Q55, Q66, Q91, Q99), all decided by the assistant under the owner's 8 Nov 2026 delegation. 11 printed keys corrected openly (Q5, Q32, Q46, Q53, Q72, Q74, Q75, Q78, Q79, Q82, Q100). Option correction: Q36 B '861m' -> '8611m' (dropped digit, K-2 height). Dedup 13 Nov 2026 vs all 77 live FPSC papers (6,942 stems): 4 exact matches (4%), spread across three live papers — isolated reuse, not a duplicate paper.

## Question 1 English

The ___ of war illustrate that the Roman army contained some of the most disciplined soldiers ever

ervious

- B. Affluence
- C. annals ✓ **Correct answer**
- D. ascent

**A.** Impervious means unable to be penetrated; it does not fit "of war".

**B.** Affluence means wealth; it does not fit "of war".

**C.** The annals (historical records) of war illustrate the discipline of the Roman army.

**D.** Ascent means a climb; it does not fit "of war".

## Question 2 English

The ___outside awakened me. When I looked out the window, I saw that are car had hit the fire hydrant

- A. Clamor ✓ **Correct answer**
- B. epitome
- C. connoisseur
- D. decorum

**A.** The clamour (loud noise) outside awakened the speaker — a car had hit a fire hydrant.

**B.** An epitome is a perfect example; it cannot awaken someone.

**C.** A connoisseur is an expert judge; it cannot awaken someone.

**D.** Decorum is proper behaviour; it cannot awaken someone.

**Note:** Note: the stem reads "are car" for "our car".

## Question 3 English

The ___philosophy of the charity is that everyone needs help sometimes.

- B. triumvirate
- C. underpinning ✓ **Correct answer**
- D. cinematography

**A.** A montage is a sequence of images; it is not a philosophy.

**B.** A triumvirate is a group of three rulers; it is not a philosophy.

**C.** The underpinning (underlying) philosophy of the charity is that everyone needs help sometimes.

**D.** Cinematography is film-making; it is not a philosophy.

## Question 4 English

The ____plays an important role in deciding what is and isn't in fashion,

- A. diction
- B. consumer ✓ **Correct answer**
- C. detracted
- D. ambivalence

**A.** Diction is choice of words; it does not decide fashion.

**B.** The consumer plays an important role in deciding what is and isn't in fashion.

**C.** Detracted is a verb form meaning took away from; it does not fit.

**D.** Ambivalence is mixed feelings; it does not decide fashion.

## Question 5 English

The ____ process begins early; most children begin learning about acceptable behaviours in their first year.

- A. audible

- C. alleviate
- D. socialization ✓ **Correct answer**

**A.** Audible means able to be heard; it does not describe this process.

**B.** The printed key, but wrong: "deviate" means to depart from a norm, and it is not the process described.

**C.** Alleviate means to relieve (pain); it is not the process described.

**D.** Socialization is the process by which children learn acceptable behaviour, beginning in their first year.

**Note:** Note: printed key B is WRONG; the answer is D.

## Question 6 English

The ____ thought he had discovered the secret to long life, but he was proven wrong when he died a week later

- A. diction
- B. forensics
- C. alchemist ✓ **Correct answer**
- D. metaphor

**A.** Diction is choice of words; it is not a person who seeks long life.

**B.** Forensics is the science of crime investigation; it is not a person.

**C.** The alchemist (who sought the elixir of life) thought he had found the secret to long life.

**D.** A metaphor is a figure of speech; it is not a person.

## 7 English

The was angry at the store because half of the items that were listed in the ad were not in stock.

- A. bravura
- B. Prerogative
- C. Proponent
- D. consumer ✓ **Correct answer**

**A.** Bravura is a display of brilliance; it is not a person angered by a store.

**B.** A prerogative is a right; it is not a person.

**C.** A proponent supports a cause; it is not the person in this sentence.

**D.** The consumer was angry at the store because the advertised items were not in stock.

## Question 8 English

The ___ was too wide to jump across so we have to climb down into it and crawl up the other side.

- A. ravine ✓ **Correct answer**
- B. simile
- C. jargon
- D. ramification

**A.** A ravine is a deep narrow valley, too wide to jump across.

**B.** A simile is a figure of speech; it cannot be climbed into.

**C.** Jargon is special vocabulary; it cannot be climbed into.

**D.** A ramification is a consequence; it cannot be climbed into.

# 9 English

The ____ weather has made it hard to plan what to wear all week.

- A. export
- B. median
- C. variable ✓ **Correct answer**
- D. nomadic

**A.** Export is about trade; it does not describe weather.

**B.** Median is a middle value; it does not describe weather.

**C.** Variable (changeable) weather makes it hard to plan what to wear.

**D.** Nomadic describes wandering people, not weather.

## Question 10 English

The ____ barely managed to stay intact when threatened by a military coup.

- A. republic ✓ **Correct answer**
- B. hierarchy
- C. connoisseurs
- D. imagery

**A.** A republic (a state) can barely stay intact when threatened by a military coup.

**B.** A hierarchy is a ranking system; it does not stay intact against a coup.

**C.** Connoisseurs are expert judges; they do not stay intact against a coup.

**D.** Imagery is figurative language; it does not stay intact against a coup.

## Question 11 English

The ____ of actions at the poker table showed the tension in high- stakes gambling.

ntage ✓ **Correct answer**

- B. wanes
- C. procures
- D. juxtaposition

**A.** A montage (a sequence) of actions at the poker table showed the tension of the game.

**B.** Wanes is a verb meaning decreases; it does not fit the blank.

**C.** Procures means obtains; it does not fit the blank.

**D.** Juxtaposition (placing side by side) is close, but the paper's keyed answer is the sequence of actions, the montage.

**Note:** Note: D is also defensible, but A is the paper's keyed answer and is a sound fit for a sequence of actions.

## Question 12 English

The ____ will take five days, but the effort will be worth it when are reach the top.

- A. ascent ✓ **Correct answer**
- B. dujour
- C. dolce vita
- D. Triumvirate

**A.** The ascent (climb) will take five days to reach the top.

**B.** "Du jour" means "of the day"; it does not fit.

**C.** "Dolce vita" means the sweet life; it does not fit.

**D.** A triumvirate is a group of three rulers; it does not fit.

## 13 English

The art ____liked the all black painting: however, everyone else in the room thought it was boring

- A. milieu
- B. genre
- C. cinematography
- D. connoisseur ✓ **Correct answer**

**A.** A milieu is a social environment; it is not a person.

**B.** A genre is a category of art; it is not a person.

**C.** Cinematography is film-making; it is not a person.

**D.** The art connoisseur (expert judge) liked the all-black painting.

## Question 14 English

The award was given ____. The artist died month before the ceremony.

- A. Jargon
- B. encrypted
- C. posthumously ✓ **Correct answer**
- D. ascent

**A.** Jargon is special vocabulary; it does not fit.

**B.** Encrypted means coded; it does not fit.

**C.** The award was given posthumously (after the artist's death).

**D.** Ascent means a climb; it does not fit.

## 15 English

The bank vault was supposed to be _____ to robbery, but thieves still broke in.

- A. taboo
- B. ravine
- C. permutation
- D. impervious ✓ **Correct answer**

**A.** Taboo means forbidden; it does not describe a vault.

**B.** A ravine is a valley; it does not describe a vault.

**C.** A permutation is a rearrangement; it does not describe a vault.

**D.** The vault was supposed to be impervious (unable to be penetrated) to robbery.

## Question 16 English

I suffer from ____. I get on a balcony when I am second floor.

- A. Jargon
- B. elixir
- C. metrophobia
- D. acrophobia ✓ **Correct answer**

**A.** Jargon is special vocabulary, not a fear.

**B.** An elixir is a potion, not a fear.

**C.** Metrophobia is fear of poetry, not of heights.

**D.** Acrophobia is fear of heights, which is why the speaker suffers on a balcony.

**Note:** Note: the stem is truncated ("when I am second floor" — for "when I am on the second floor").

## 17 English

I thought my sister was going to stop by while I was gone, but there wasn't a ____ of her having come by the apartment.

- A. levy
- B. relish
- C. hailing
- D. venerate

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; printed key B "relish" is WRONG)

**A.** A levy is a tax or a collection; it does not fit "of her having come by".

**B.** The printed key, but wrong: "relish" means enjoyment, and "there wasn't a relish of her having come by" is nonsense.

**C.** Hailing means calling out to someone; it does not fit.

**D.** Venerate means to revere; it does not fit. EVIDENCE: the word the sentence needs is "trace" or "sign" ("there wasn't a trace of her having come by"), and neither is among the options, so no letter can be taught as the answer.

## Question 18 English

I took an aspirin to ____ the pain in my knee.

- A. cited
- B. deviate
- C. alleviate ✓ **Correct answer**
- D. plagiarized

**A.** Cited means quoted; it does not fit taking aspirin.

eans to depart, it does not fit.

**C.** To alleviate pain is to relieve it, which is why aspirin is taken.

**D.** Plagiarized means copied; it does not fit.

## Question 19 English

I tried to ____ my friend after the got a phone call unjustly accusing him to breaking the neighbor's window.

- A. manifest
- B. Placate ✓ **Correct answer**
- C. motif
- D. meticulous

**A.** Manifest means to show; it does not fit comforting a friend.

**B.** To placate is to calm and soothe someone who is upset, which is what the speaker tried to do.

**C.** A motif is a theme; it is not a verb that fits here.

**D.** Meticulous means very careful; it is an adjective, not the verb needed.

## Question 20 English

I tried to draw ____ lines without a. ruler, but I couldn't make them straight enough; they would have a eventually met.

- A. variables
- B. vivid
- C. parallel ✓ **Correct answer**
- D. martyrdom

**A.** Variables are quantities that vary; they are not lines.

ns bright and clear, it does not describe the lines.

**C.** Parallel lines never meet; the speaker could not draw them straight, so they would eventually have met.

**D.** Martyrdom is death for a cause; it does not describe lines.

## Question 21 Everyday Science

For galvanizing iron which of the following metals is used?

- A. Aluminium
- B. Copper
- C. Lead
- D. Zinc ✓ **Correct answer**

**A.** Aluminium is not used for galvanizing iron.

**B.** Copper is not used for galvanizing iron.

**C.** Lead is not used for galvanizing iron.

**D.** Galvanizing is coating iron with zinc to prevent rusting.

## Question 22 Everyday Science

Economic goods are

- A. all commodities that are limited in quantity as compared to their demand ✓ **Correct answer**
- B. Commodities that is available according to their demand
- C. Commodities that is available more as compared to demand
- D. None

**A.** Economic goods are scarce: limited in quantity compared with demand, so they command a price.

ailable exactly as demanded are not scarce, so they are not economic goods.

**C.** Goods in surplus are free goods, not economic goods.

**D.** A is correct, so "None" is wrong.

## Question 23 Everyday Science

For purifying drinking water alum is used

- A. For coagulation of mud particles ✓ **Correct answer**
- B. to kil bacteria
- C. to remove salt
- D. to remove gases and

**A.** Alum is added to water to coagulate (clump together) mud and suspended particles so they settle out.

**B.** Alum does not kill bacteria; that is done by chlorination or boiling.

**C.** Alum does not remove dissolved salt.

**D.** Alum does not remove gases from water.

## Question 24 General Knowledge

Hockey was introduced in the Asian Games in:

- A. 1958 in Tokyo ✓ **Correct answer**
- B. 1962 in Jarkarta
- C. 1966 in Bangkok
- D. 1970 in Bangkok

**A.** Field hockey was introduced at the Asian Games in Tokyo in 1958.

**B.** Hockey was already in the Games by 1962.

as already in the Games by 1966.

**D.** Hockey was already in the Games by 1970.

## Question 25 General Knowledge

ESCAP stands for

- A. Economic and Social Commission for Asia and Pacific ✓ **Correct answer**
- B. European society Council for Africa and Pacific
- C. Economics and social commission for Africa and Pacific
- D. None

**A.** ESCAP is the UN Economic and Social Commission for Asia and the Pacific.

**B.** Not what ESCAP stands for.

**C.** Wrong region: ESCAP is for Asia and the Pacific, not Africa.

**D.** A is correct, so "None" is wrong.

## Question 26 General Knowledge

Firdausi was

- A. a poet
- B. well known for his epic 'Shahnama'
- C. Both A and B ✓ **Correct answer**
- D. None of the above

**A.** Firdausi was a Persian poet, but this is only part of the answer.

**B.** Firdausi is famous for the Shahnameh, but this is only part of the answer.

**C.** Both statements are true: Firdausi was a poet, well known for his epic the Shahnama.

**D.** A and B are both true, so "None of the above" is wrong.

the page shows no printed key for this question; the answer was verified independently.

## Question 27 General Knowledge

Himalayan Mountaineering institute is at

- A. Darjeeling ✓ **Correct answer**
- B. Dehradun
- C. Marmago
- D. Dispur

**A.** The Himalayan Mountaineering Institute is at Darjeeling, India.

**B.** Dehradun hosts other institutes, not the HMI.

**C.** Not the seat of the HMI.

**D.** Dispur is the capital of Assam, not the seat of the HMI.

## Question 28 General Knowledge

Gabriel Daniel Fahrenheit was

- A. a German physicist
- B. developed the mercury thermometer in
- C. devised temperature scale
- D. All of the above ✓ **Correct answer**

**A.** Fahrenheit was a German physicist, but this is only part of the answer.

**B.** Fahrenheit developed the mercury thermometer (1714), but this is only part of the answer.

**C.** Fahrenheit devised the Fahrenheit temperature scale, but this is only part of the answer.

tatements are true of Fahrenheit, so this is the complete answer.

**Note:** Note: the page shows no printed key for this question; the answer was verified independently.

## Question 29 General Knowledge

The first crusaders reach Jerusalem and captured it in

- A. 1000 AD
- B. 1099 AD ✓ **Correct answer**
- C. 1200 AD
- D. 1515 AD

**A.** The First Crusade had not yet begun in 1000 AD.

**B.** The First Crusade captured Jerusalem in July 1099.

**C.** No crusader capture of Jerusalem happened in 1200 AD.

**D.** No crusader capture of Jerusalem happened in 1515 AD.

## Question 30 General Knowledge

Dr. Linus Carl Pauling is the only person to has won two Nobel Prizes is individually for

- A. Chemistry in 1954, Peace Prize in 1962 ✓ **Correct answer**
- B. Peace in 1954, Chemistry in 1962
- C. Physics in 54, Medicine in 1962
- D. Medicine in 1954, Physics in 1962

**A.** Linus Pauling won the Nobel Prize in Chemistry in 1954 and the Nobel Peace Prize in 1962, the only person to win two unshared Nobel Prizes.

**B.** The years are the wrong way round.

**C.** Pauling won neither the Physics nor the Medicine prize.

on neither the Medicine nor the Physics prize.

## Question 31 General Knowledge

Himalaya range is based in _____?

- A. Europe
- B. Asia ✓ **Correct answer**
- C. Africa
- D. Australia

**A.** The Himalaya is not in Europe.

**B.** The Himalaya range is in Asia (across India, Nepal, Bhutan, China and Pakistan).

**C.** The Himalaya is not in Africa.

**D.** The Himalaya is not in Australia.

## Question 32 General Knowledge

Name the mountain range found in South America?

- A. Rockies
- B. Alps
- C. Andes ✓ **Correct answer**
- D. None

**A.** The printed key, but wrong: the Rockies are in North America.

**B.** The Alps are in Europe, not South America.

**C.** The Andes are the mountain range of South America.

**D.** C is correct, so "None" is wrong.

**Note:** Note: printed key A is WRONG; the answer is C.

## 33 General Knowledge

Sesson mountains are?

- A. Tallest mountain
- B. Oldest mountain ✓ **Correct answer**
- C. Youngest mountain
- D. None

**A.** The range in question is not described as the tallest.

**B.** The range named in the paper is described as the oldest mountain range.

**C.** The range in question is not described as the youngest.

**D.** B is the paper's keyed answer, so "None" is wrong.

**Note:** Note: the filed range name "Sesson" is garbled (no range of that name is known), so the answer follows the printed key and is marked SINGLE-SOURCE.

## Question 34 General Knowledge

Chermain mountain are only present?

- A. Sri Lanka
- B. Chile
- C. India ✓ **Correct answer**
- D. None

**A.** The range in question is not placed in Sri Lanka.

**B.** The range in question is not placed in Chile.

**C.** The paper places the range in question in India.

**D.** C is the paper's keyed answer, so "None" is wrong.

the filed range name "Chermain" is garbled (no range of that name is known), so the answer follows the printed key and is marked SINGLE-SOURCE.

## Question 35 General Knowledge

The highest plateau of the world?

- A. Balochistan plateau
- B. Pothohar Plateau
- C. Pamir plateau ✓ **Correct answer**
- D. None

**A.** The Balochistan plateau is not the highest in the world.

**B.** The Pothohar plateau is not the highest in the world.

**C.** The Pamir plateau, the "Roof of the World", is the highest plateau in the world.

**D.** C is correct, so "None" is wrong.

## Question 36 General Knowledge

What is height of K-2.

- A. 8127m
- B. 8611m ✓ **Correct answer**
- C. 8668m
- D. None

**A.** 8,127 m is the height of Nanga Parbat, not K-2.

**B.** Filed "861m", a dropped digit for 8,611 m: K-2 is 8,611 m high, the second-highest mountain in the world.

**C.** 8,668 m is not the height of K-2.

**D.** B (corrected to 8,611 m) is correct, so "None" is wrong.

option B reads "861m" in the reproduction — a dropped digit for 8,611 m — corrected to "8611m" in the config (37dc precedent). Filed option B read "861m" (misprint in the source reproduction); corrected to "8611m" as documented in the reviewed file.

## Question 37 General Knowledge

Which is highest mountain peak of the world?

- A. Mount Everest ✓ **Correct answer**
- B. K-2
- C. Naga Parbat
- D. None

**A.** Mount Everest (8,849 m) is the highest mountain peak in the world.

**B.** K-2 is the second-highest peak, not the highest.

**C.** Nanga Parbat is the ninth-highest peak, not the highest.

**D.** A is correct, so "None" is wrong.

## Question 38 General Knowledge

Mount Everest present in which range?

- A. Himalaya ✓ **Correct answer**
- B. Karakoram
- C. Hindu Kush
- D. None

**A.** Mount Everest is in the Himalaya range.

**B.** The Karakoram holds K-2, not Everest.

**C.** The Hindu Kush is a different range, west of the Himalaya.

**D.** A is correct, so "None" is wrong.

"Cathay Pacific" is airline of

- A. Hong Kong ✓ **Correct answer**
- B. Taiwan
- C. Japan
- D. China

**A.** Cathay Pacific is the flag carrier of Hong Kong.

**B.** Taiwan's carriers are China Airlines and EVA Air, not Cathay Pacific.

**C.** Japan's carriers are JAL and ANA, not Cathay Pacific.

**D.** China's carriers are Air China and others, not Cathay Pacific.

## Question 40 General Knowledge

Rose is the national symbol of

- A. Jordan
- B. Syria
- C. Iraq
- D. Iran ✓ **Correct answer**

**A.** Jordan's national flower is the black iris, not the rose.

**B.** Syria's national flower is the jasmine, not the rose.

**C.** Iraq's national flower is the rose in some lists, but the paper's answer is Iran.

**D.** The red rose is the national flower of Iran.

**Note:** Note: the rose is associated with several countries; the paper's keyed answer is Iran, whose national flower is the rose.

## 41 General Knowledge

Which of the following UN agencies received Nobel Peace prize?

- A. UNICEF
- B. ILO
- C. UN High Commissioner For Refugees
- D. All of the above ✓ **Correct answer**

**A.** UNICEF received the Nobel Peace Prize in 1965, but this is only part of the answer.

**B.** The International Labour Organization received the Nobel Peace Prize in 1969, but this is only part of the answer.

**C.** UNHCR received the Nobel Peace Prize in 1954 and again in 1981, but this is only part of the answer.

**D.** All three agencies have received the Nobel Peace Prize, so this is the complete answer.

**Note:** Note: the page shows no printed key for this question; the answer was verified independently.

## Question 42 General Knowledge

Highest mountain peak mount Everest situated in?

- A. Pakistan
- B. China
- C. Nepal ✓ **Correct answer**
- D. India

**A.** Everest is not in Pakistan.

**B.** Everest stands on the Nepal–China border, but its summit is in Nepal.

**C.** Mount Everest is situated in Nepal (on the Nepal–China border).

not in India.

## Question 43 General Knowledge

Altas Mountain are present in which country?

- A. Niger
- B. India
- C. Egypt
- D. Morocco ✓ **Correct answer**

**A.** The Atlas Mountains are not in Niger.

**B.** The Atlas Mountains are not in India.

**C.** The Atlas Mountains are not in Egypt.

**D.** The Atlas Mountains run across Morocco (and Algeria and Tunisia), with their highest peaks in Morocco.

## Question 44 General Knowledge

Pontus Mountain are present in which country?

- A. Russia
- B. Turkey ✓ **Correct answer**
- C. Egypt
- D. Nepal

**A.** The Pontic Mountains are not in Russia.

**B.** The Pontus (Pontic) Mountains run along the Black Sea coast of Turkey.

**C.** The Pontus Mountains are not in Egypt.

**D.** The Pontus Mountains are not in Nepal.

# 45 General Knowledge

"Nippon" is the former name of

- A. Hong Kong
- B. Japan ✓ **Correct answer**
- C. Libya
- D. Italy

**A.** Hong Kong was never called Nippon.

**B.** "Nippon" is the Japanese name for Japan.

**C.** Libya was never called Nippon.

**D.** Italy was never called Nippon.

**Note:** Note: the stem calls Nippon a "former name", but Nippon is still the Japanese name for Japan; B is the intended answer.

# Question 46 General Knowledge

Highest Peak of Himalaya range is?

- A. K-2
- B. Broad Peak
- C. Nanga parbat
- D. None ✓ **Correct answer**

**A.** K-2 is the highest peak of the Karakoram, not the Himalaya.

**B.** The printed key, but wrong: Broad Peak is a Karakoram peak, not the highest of the Himalaya.

**C.** Nanga Parbat is a Himalayan peak, but not the highest (it is the ninth-highest in the world).

st peak of the Himalaya is Mount Everest, which is not among the options, so "None" is the answer.

**Note:** Note: printed key B is WRONG; the answer is D.

## Question 47 General Knowledge

"Sky News" is news TV channel of:

- A. Canada
- B. USA
- C. UAE
- D. UK ✓ **Correct answer**

**A.** Sky News is not Canadian.

**B.** Sky News is not American.

**C.** Sky News is not Emirati.

**D.** Sky News is a British television news channel.

## Question 48 General Knowledge

Which of the following country is called "Land of thousands lakes"?

- A. Netherlands
- B. Finland ✓ **Correct answer**
- C. Scotland
- D. Ireland

**A.** The Netherlands is not called the land of a thousand lakes.

**B.** Finland is called the "Land of a Thousand Lakes".

**C.** Scotland is not called the land of a thousand lakes.

not called the land of a thousand lakes.

## Question 49 General Knowledge

Antalya Airport is situated in:

- A. Syria
- B. Turkey ✓ **Correct answer**
- C. Italy
- D. Egypt

**A.** Antalya Airport is not in Syria.

**B.** Antalya Airport is in Antalya, Turkey.

**C.** Antalya Airport is not in Italy.

**D.** Antalya Airport is not in Egypt.

## Question 50 General Knowledge

The largest Cricket Stadium of the world is:

- A. Melbourne Cricket Club ✓ **Correct answer**
- B. Sharjah Cricket Ground
- C. The Oval London
- D. Gaddafi Stadium, Lahore

**A.** The Melbourne Cricket Ground (filed as "Melbourne Cricket Club") was the largest cricket stadium in the world by capacity at the time of the paper.

**B.** Sharjah is a much smaller ground.

**C.** The Oval is smaller than the MCG.

**D.** Gaddafi Stadium is smaller than the MCG.

## 51 Mathematics

If one-third of one-fourth of a number is 15, then three-tenth of the number is:

- A. 22
- B. 39
- C. 47
- D. 54 ✓ **Correct answer**

**A.** Wrong: it does not follow from the number.

**B.** Wrong: it does not follow from the number.

**C.** Wrong: it does not follow from the number.

**D.** One-third of one-fourth of the number is 15, so the number is 15 × 12 = 180, and three-tenths of 180 is 54.

## Question 52 Mathematics

Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is:

- A. 2
- B. 7
- C. 9
- D. 15 ✓ **Correct answer**

**A.** Wrong: 2 is not an odd integer in this sequence.

**B.** Wrong: it does not satisfy the condition.

**C.** Wrong: it does not satisfy the condition.

**D.** Let the integers be x, x + 2, x + 4: 3x = 2(x + 4) + 3 gives x = 11, so the third integer is 15.

## 53 Mathematics

The number, whose 5% is 10, is

- A. 100
- B. 200 ✓ **Correct answer**
- C. 300
- D. 400

**A.** The printed key, but wrong: 5% of 100 is 5, not 10.

**B.** 5% of 200 is 10.

**C.** Wrong: 5% of 300 is 15, not 10.

**D.** Wrong: 5% of 400 is 20, not 10.

**Note:** Note: printed key A is WRONG; the worked answer is B.

## Question 54 Mathematics

Aman pays 10% of lris income for his income tax. If his income tax amounts to Rs. 1500 what is the income?

- A. Rs. 13000
- B. Rs. 15000 ✓ **Correct answer**
- C. Rs. 17000
- D. Rs. 19000

**A.** Wrong: 10% of 13,000 is 1,300, not 1,500.

**B.** 10% of 15,000 is 1,500.

**C.** Wrong: 10% of 17,000 is 1,700, not 1,500.

**D.** Wrong: 10% of 19,000 is 1,900, not 1,500.

## 55 Mathematics

Man is 5 times as old as his son. 2 years ago the sum of the squares of their ages was 114. Find the percent age of son.

- A. 7 years
- B. 9 years
- C. 8 years
- D. 8 Vz years

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; printed key A "7 years" does not satisfy the filed equation)

**A.** The printed key, but wrong as filed: with the son 7 and the man 35, the squares two years ago are $33^2 + 5^2 = 1{,}114$, not 114.

**B.** Wrong: it does not satisfy the filed equation.

**C.** Wrong: it does not satisfy the filed equation.

**D.** Wrong: it does not satisfy the filed equation. EVIDENCE: letting the son's age be s, $(5s - 2)^2 + (s - 2)^2 = 114$ gives $s \approx 2.5$ years, which is not among the options; if the "114" were a misprint for "1114", the answer would be 7 years, but the figure cannot be corrected on the evidence, so no letter can be taught as the answer.

## Question 56 Mathematics

The number, whose 13% is 52, is

- A. 300
- B. 400 ✓ **Correct answer**
- C. 500
- D. 900

**A.** Wrong: 13% of 300 is 39, not 52.

0 is 52.

**C.** Wrong: 13% of 500 is 65, not 52.

**D.** Wrong: 13% of 900 is 117, not 52.

## Question 57 Mathematics

A can do a piece of work in 10 days and B can do it in 15 days. The number of days required by them to finish it, working together is

- A. 8
- B. 7
- C. 6 ✓ **Correct answer**
- D. 4

**A.** Wrong: working together they finish faster than 8 days.

**B.** Wrong: it does not follow from the rates.

**C.** Together they do 1/10 + 1/15 = 1/6 of the work per day, so they finish in 6 days.

**D.** Wrong: it does not follow from the rates.

## Question 58 Mathematics

A man bought a flat for Rs. 8,20,000. He borrowed 55% of this money from a bank. How much money did the borrow from the bank?

- A. Rs. 4, 51,000 ✓ **Correct answer**
- B. Rs. 4,52,000
- C. Rs. 4, 53, 000
- D. Rs. 4, 54, 000

**A.** 55% of Rs 820,000 is Rs 451,000.

**B.** Wrong: 55% of 820,000 is not 452,000.

% of 820,000 is not 453,000.

**D.** Wrong: 55% of 820,000 is not 454,000.

## Question 59 Mathematics

A Primary School had an enrollment of 850 pupils in January 1970. In January 1980 the enrollment was 1, 120. What was the Percentage increase for the enrollment?

- A. 31.76% ✓ **Correct answer**
- B. 33.50%
- C. 30.65%
- D. 34.76%

**A.** The increase is 1,120 − 850 = 270, and 270 ÷ 850 × 100 = 31.76%.

**B.** Wrong: it does not follow from 270 ÷ 850.

**C.** Wrong: it does not follow from 270 ÷ 850.

**D.** Wrong: it does not follow from 270 ÷ 850.

## Question 60 Mathematics

The difference between simple and compound interest on Rs. 1625 for 3 years at 4% per annum is rupees is

- A. 7.95
- B. 7.90 ✓ **Correct answer**
- C. 7.70
- D. 7.75

**A.** Wrong: the difference is about Rs 7.90, not 7.95.

**B.** Simple interest is 1,625 × 0.04 × 3 = Rs 195; compound interest is 1,625 × ($1.04^3$ − 1) ≈ Rs 202.90; the difference is about Rs 7.90.

e difference is about Rs 7.90.

**D.** Wrong: the difference is about Rs 7.90.

## Question 61 Mathematics

By selling a fan for Rs. 475, a person loses 5%. To get a again of 5%, he should sell the fan for:

- A. Rs. 500
- B. Rs. 525 ✓ **Correct answer**
- C. Rs. 535
- D. Rs. 575

**A.** Rs 500 is the cost price (475 is 95% of it), not the price for a 5% gain.

**B.** The cost price is 475 ÷ 0.95 = Rs 500, and a 5% gain gives 500 × 1.05 = Rs 525.

**C.** Wrong: it does not follow from a 5% gain on Rs 500.

**D.** Wrong: it does not follow from a 5% gain on Rs 500.

## Question 62 Mathematics

One side of a rectangle is 22 feet which of the following could be the parameter< if the rectangle?

- A. 28 feet
- B. 33 feet
- C. 44 feet
- D. 54 feet ✓ **Correct answer**

**A.** Wrong: a perimeter of 28 feet is less than twice one side (44 feet), which is impossible.

**B.** Wrong: a perimeter of 33 feet is less than twice one side.

**C.** Wrong: a perimeter of 44 feet would leave zero for the other side.

er of 54 feet is possible. With one side 22 feet, the other side is (54 − 44) ÷ 2 = 5 feet.

## Question 63 Mathematics

Price of sugar is increased by 25%. The percentage of consumption to be decreased so that there would be no increase in the expenditure is

- A. 18%
- B. 20% ✓ **Correct answer**
- C. 22%
- D. 24%

**A.** Wrong: cutting consumption by 18% would still raise expenditure.

**B.** If the price rises by 25% (×1.25), consumption must fall to 1 ÷ 1.25 = 0.8 of before, a 20% cut, to keep expenditure unchanged.

**C.** Wrong: it overshoots the needed cut.

**D.** Wrong: it overshoots the needed cut.

## Question 64 Mathematics

Which of the following numbers is divisible by 12?

- A. 4653
- B. 4818
- C. 4501
- D. 4404 ✓ **Correct answer**

**A.** Wrong: 4,653 is not divisible by 4 (53 is not divisible by 4).

**B.** Wrong: 4,818 is not divisible by 4 (18 is not divisible by 4).

**C.** Wrong: 4,501 is odd, so it is not divisible by 12.

. = 367, so it is divisible by 12 (divisible by both 3 and 4).

## Question 65 Mathematics

Twelve men take 6 hours to finish a piece of work. After the 12 men have worked for one hours, the contractor decides to call 8 more men. How many more hours would 20 men take to complete the remaining work?

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

**A.** Wrong: 20 men would need more than 2 hours for the remaining work.

**B.** The whole job is 12 × 6 = 72 man-hours; after 1 hour, 60 man-hours remain, and 20 men take 60 ÷ 20 = 3 hours.

**C.** Wrong: it does not follow from 60 man-hours ÷ 20 men.

**D.** Wrong: it does not follow from 60 man-hours ÷ 20 men.

## Question 66 Mathematics

If a car Rs. 50000 profit is 17 percent, what would be profit percentage if sold for Rs. 47000.

- A. 14.85%
- B. 15.98%
- C. 16.20%
- D. 14.50%

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; printed key B "15.98%" does not follow from the filed figures)

o reading of the filed figures gives 14.85%.

**B.** The printed key, but wrong: no reading of the filed figures gives 15.98%.

**C.** Wrong: no reading of the filed figures gives 16.20%.

**D.** Wrong: no reading of the filed figures gives 14.50%. EVIDENCE: if a car sold for Rs 50,000 gives 17% profit, its cost is 50,000 ÷ 1.17 ≈ Rs 42,735, and selling it for Rs 47,000 gives about 10% profit, which is not among the options; the stem is incoherent as filed, so no letter can be taught as the answer.

## Question 67 Mathematics

Three families, P,Q and R, share 480 Kg of rice, Q receives twice much rice as P and R receives half as much rice as Q. How much rice does family Q gets?

- A. 220 Kg
- B. 230 Kg
- C. 240 Kg ✓ **Correct answer**
- D. 250 Kg

**A.** Wrong: it does not satisfy the shares.

**B.** Wrong: it does not satisfy the shares.

**C.** Let P's share be x: Q gets 2x and R gets x, so 4x = 480, x = 120, and Q gets 240 kg.

**D.** Wrong: it does not satisfy the shares.

## Question 68 Mathematics

Six man working 8 hours a day earn Rs. 720 per week. 8 men working 6 hours a day will earn per week

- A. Rs.540
- B. Rs. 720 ✓ **Correct answer**

- D. Rs. 1080

**A.** Wrong: the total man-hours are unchanged.

**B.** 6 men × 8 hours = 48 man-hours a day, and 8 men × 6 hours = 48 man-hours a day, so the weekly pay is the same, Rs 720.

**C.** Wrong: the man-hours have not increased.

**D.** Wrong: the man-hours have not increased.

## Question 69 Mathematics

In the exam 45% students failed and 550 students were successful. The total number of students who appeared in the exam were

- A. 1000 ✓ **Correct answer**
- B. 900
- C. 1500
- D. 800

**A.** 45% failed, so 55% passed; 550 is 55% of 1,000.

**B.** Wrong: 55% of 900 is 495, not 550.

**C.** Wrong: 55% of 1,500 is 825, not 550.

**D.** Wrong: 55% of 800 is 440, not 550.

## Question 70 Mathematics

Sadiq purchased a plot for Rs. 8,000. He sells the plot to Abid at the profit for 20%. Abid in turn sells that plot of Arif at the loss of 20%. The plot costs Arif.

- A. Rs. 12,000
- B. Rs. 10,000

- D. Rs.7680 ✓ **Correct answer**

**A.** Wrong: it does not follow from the two transactions.

**B.** Wrong: it does not follow from the two transactions.

**C.** Wrong: it does not follow from the two transactions.

**D.** Sadiq sells at 8,000 × 1.2 = Rs 9,600; Abid sells at a 20% loss, 9,600 × 0.8 = Rs 7,680.

## Question 71 Everyday Science

Which of the following statements about the use of radioactive isotopes is correct

- A. In medicine, they are used as tracers for diagnostic purposes
- B. Radioactive isotopes are used in treatment
- C. Radioactive isotopes are used in medicine for both diagnostic imaging and treatment ✓ **Correct answer**
- D. None

**A.** True, but only part of the story: they are also used in treatment.

**B.** True, but only part of the story: they are also used in diagnosis.

**C.** The complete correct statement: radioisotopes are used both as tracers for diagnosis and in radiotherapy.

**D.** C is correct, so "None" is wrong.

## Question 72 Everyday Science

Which of the following plays the central role in determine the chemical properties of atoms and molecules?

- A. Electrons ✓ **Correct answer**
- B. Neutrons

- D. All of these

**A.** The electrons, especially the valence electrons, determine the chemical properties of atoms and molecules.

**B.** Neutrons affect mass and stability, not chemical properties.

**C.** The printed key, but wrong: protons determine which element an atom is, not its chemical behaviour.

**D.** Wrong: only the electrons play the central role in chemical properties.

**Note:** Note: printed key C is WRONG; the answer is A.

## Question 73 Everyday Science

Which of the following particles move around the nucleus of an atom and our negatively charged?

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

**A.** Protons are in the nucleus and positively charged.

**B.** Neutrons are in the nucleus and uncharged.

**C.** Electrons move around the nucleus and are negatively charged.

**D.** C is correct, so "None of these" is wrong.

## Question 74 Everyday Science

With respect to which element, the valency of elements corresponds to group number?

rogen ✓ **Correct answer**

- B. Oxygen
- C. Carbon
- D. Helium

**A.** The valency of an element with respect to hydrogen equals its group number (for example, group 1 forms one bond with hydrogen, group 2 forms two).

**B.** Valency with respect to oxygen is not the group-number rule.

**C.** The printed key, but wrong: carbon's own valency is 4, and it is not the reference element for the rule.

**D.** Helium is inert and is not the reference element for valency.

**Note:** Note: printed key C is WRONG; the answer is A.

## Question 75 Everyday Science

Which is the most reactive Halogen?

- A. Fluorine ✓ **Correct answer**
- B. lodine
- C. Chlorine
- D. Bromine

**A.** Fluorine is the most reactive halogen (and the most reactive of all elements).

**B.** The printed key, but wrong: iodine is the LEAST reactive halogen.

**C.** Chlorine is very reactive, but less so than fluorine.

**D.** Bromine is reactive, but less so than fluorine and chlorine.

**Note:** Note: printed key B is WRONG; the answer is A.

# 76 Everyday Science

Ionization potential is the term used to express

- A. Electron affinity
- B. Electro negativity
- C. Ionization Energy ✓ **Correct answer**
- D. None of these

**A.** Electron affinity is the energy released when an electron is added, not ionisation potential.

**B.** Electronegativity is the tendency to attract electrons, not ionisation potential.

**C.** Ionisation potential is another name for ionisation energy: the energy needed to remove an electron from an atom.

**D.** C is correct, so "None of these" is wrong.

# Question 77 Everyday Science

An analgesic is taken to relief oneself of:

- A. Cough
- B. Indigestion
- C. Pain ✓ **Correct answer**
- D. Fever

**A.** Cough is relieved by an antitussive, not an analgesic.

**B.** Indigestion is relieved by an antacid, not an analgesic.

**C.** An analgesic is a painkiller, taken to relieve pain.

**D.** Fever is reduced by an antipyretic, not (primarily) an analgesic.

# 78 Everyday Science

Which one of the following is the key function of the kidneys?

- A. Removal of excess carbon dioxide from blood
- B. Pumping blood to the heart
- C. Removal of urea and other nitrogenous wastes from from blood ✓ **Correct answer**
- D. Removal from excess water from blood.

**A.** The printed key, but wrong: carbon dioxide is removed by the lungs, not the kidneys.

**B.** The heart pumps blood; the kidneys do not.

**C.** The kidneys' key function is filtering urea and other nitrogenous wastes from the blood.

**D.** The kidneys do remove excess water, but their key function is removing nitrogenous wastes.

**Note:** Note: printed key A is WRONG; the answer is C.

# Question 79 Everyday Science

How many chromosomes are there in a body cell of human beings?

- A. 49
- B. 56
- C. 25
- D. 46 ✓ **Correct answer**

**A.** The printed key, but wrong: a human body cell does not have 49 chromosomes.

**B.** Wrong: a human body cell does not have 56 chromosomes.

**C.** Wrong: a human body cell does not have 25 chromosomes.

**D.** A normal human body (somatic) cell has 46 chromosomes (23 pairs).

# Question 80 Pakistan Studies

1857's War of Independence was fought in the administration of:

- A. Lord Canning ✓ **Correct answer**
- B. Lord Curzon
- C. Lord Comwallis
- D. None of these

**A.** Lord Canning was Governor-General during the War of Independence in 1857.

**B.** Curzon was Viceroy 1899–1905, not in 1857.

**C.** Cornwallis was Governor-General in the 1780s–1790s, not in 1857.

**D.** A is correct, so "None of these" is wrong.

# Question 81 Pakistan Studies

Lord Canning reign's most important event was:

- A. War of Independence
- B. Abolition of East India company
- C. India directly become under British
- D. All of these ✓ **Correct answer**

**A.** The 1857 War of Independence happened under Canning, but this is only part of the answer.

**B.** The East India Company was abolished in 1858 under Canning, but this is only part of the answer.

**C.** India came directly under the British Crown in 1858 under Canning, but this is only part of the answer.

events belong to Canning's reign, so this is the complete answer.

**Note:** Note: the page shows no printed key for this question; the answer was verified independently.

## Question 82 Pakistan Studies

The Government of lndia was taken over by the British of Crown in?

- A. 1857 A.D.
- B. 1858 A.D. ✓ **Correct answer**
- C. 1859 A.D.
- D. 1860 A.D.

**A.** The war was fought in 1857, but the Crown took over in 1858.

**B.** By the Government of India Act 1858, the British Crown took over the government of India from the East India Company.

**C.** The transfer had already happened in 1858.

**D.** The printed key, but wrong: the transfer was in 1858, not 1860.

**Note:** Note: printed key D is WRONG; the answer is B.

## Question 83 Pakistan Studies

Give the name of the country which has cooperated with Pakistan in the manufacturing of JF – 17 fighter?

- A. China ✓ **Correct answer**
- B. Turkey
- C. Indonesia
- D. Saudi Arabia

**A.** The JF-17 Thunder was developed jointly by Pakistan and China (Chengdu).

d not co-develop the JF-17.

**C.** Indonesia did not co-develop the JF-17.

**D.** Saudi Arabia did not co-develop the JF-17.

## Question 84 Pakistan Studies

Which country hosted the 10th summit in october 2003?

- A. Iran
- B. Kuwait
- C. Malaysia ✓ **Correct answer**
- D. Qatar

**A.** Iran did not host the 10th OIC summit in October 2003.

**B.** Kuwait did not host the 10th OIC summit in October 2003.

**C.** The 10th OIC summit was held in Putrajaya, Malaysia, in October 2003.

**D.** Qatar did not host the 10th OIC summit in October 2003.

**Note:** Note: the question is the 10th OIC summit; the filed stem omits "OIC".

## Question 85 Pakistan Studies

Is it correct the Lord Canning was the:

- A. Last Governor General of the East India Company
- B. First Viceroy under the British Crown
- C. Both A and B ✓ **Correct answer**
- D. None

**A.** Lord Canning was the last Governor-General under the East India Company, but this is only part of the answer.

ning became the first Viceroy of India under the Crown in 1858, but this is only part of the answer.

**C.** Both statements are true of Lord Canning.

**D.** A and B are both true, so "None" is wrong.

**Note:** Note: the page shows no printed key for this question; the answer was verified independently.

## Question 86 Pakistan Studies

Lord Ripon ruled India was a second from 1880 to

- A. 1882 A.D.
- B. 1883 A.D.
- C. 1884 A .D. ✓ **Correct answer**
- D. None

**A.** Wrong: Ripon was still Viceroy in 1882.

**B.** Wrong: Ripon was still Viceroy in 1883.

**C.** Lord Ripon was Viceroy of India from 1880 to 1884.

**D.** C is correct, so "None" is wrong.

## Question 87 Pakistan Studies

President of which nation visited Pakistan in December 2003?

- A. Turkey
- B. Iran
- C. Indonesia ✓ **Correct answer**
- D. China

**A.** The Turkish president did not make the December 2003 visit in question.

n president did not make the December 2003 visit in question.

**C.** President Megawati Sukarnoputri of Indonesia visited Pakistan in December 2003.

**D.** The Chinese president did not make the December 2003 visit in question.

**Note:** Note: this dated visit rests on the standard account of Megawati's December 2003 visit to Pakistan; marked SINGLE-SOURCE.

## Question 88 Pakistan Studies

Lord Ripon brought to a close the Afghan War

- A. First
- B. Second ✓ **Correct answer**
- C. Third
- D. None

**A.** The First Anglo-Afghan War ended in 1842, long before Ripon.

**B.** Lord Ripon brought the Second Anglo-Afghan War to a close (the British withdrawal was completed in 1881).

**C.** The Third Anglo-Afghan War was in 1919, long after Ripon.

**D.** B is correct, so "None" is wrong.

## Question 89 Pakistan Studies

Lord Reading ruled was viceroy of India from 1921 to

- A. 1924 A.D.
- B. 1926 A.D ✓ **Correct answer**
- C. 1927 A.D
- D. 1929 A.D

**A.** Wrong: Reading was still Viceroy in 1924.

ing was Viceroy of India from 1921 to 1926.

**C.** Wrong: Reading had left office by 1927.

**D.** Wrong: Reading had left office by 1929.

## Question 90 Islamiat

Sariyya means

- A. Promise
- B. Treaty
- C. A bettle not attended by Holy Prophet PBUH ✓ **Correct answer**
- D. Celebration

**A.** Sariyya does not mean a promise.

**B.** Sariyya does not mean a treaty.

**C.** A sariyya (filed "bettle" for "battle") is a military expedition not attended by the Prophet himself.

**D.** Sariyya does not mean a celebration.

## Question 91 Islamiat

Abu Sufiyan commanded the Infidels in which Ghazwa?

- A. Ohad
- B. Badr
- C. Ahzab
- D. Ohad and Badr

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; printed key A picks one of two correct options)

ed key, but not uniquely correct: Abu Sufyan commanded the Quraysh at Uhud.

**B.** Wrong: at Badr the Quraysh were commanded by Abu Jahl, not Abu Sufyan.

**C.** Also correct: Abu Sufyan commanded the confederate (Ahzab) forces at the Battle of the Trench.

**D.** Wrong: Abu Sufyan did not command at Badr. EVIDENCE: Abu Sufyan led the infidels at both Uhud and Ahzab, so two options (A and C) are correct and no single letter can be taught as the answer.

## Question 92 Islamiat

Ghazwa Ohad was fought in

- A. 625 AD ✓ **Correct answer**
- B. 632 AD
- C. 630 AD
- D. 628 AD

**A.** The Battle of Uhud was fought in 625 AD (3 AH).

**B.** 632 AD is the year of the Prophet's death, not Uhud.

**C.** 630 AD is the year of the conquest of Makkah, not Uhud.

**D.** 628 AD is the year of the Treaty of Hudaybiyyah, not Uhud.

## Question 93 Islamiat

Which was the death day of Holy Prophet (PBUH)?

- A. Monday ✓ **Correct answer**
- B. Sunday
- C. Friday

**A.** The Holy Prophet (PBUH) passed away on a Monday (12 Rabi-ul-Awwal, 11 AH).

**B.** Not the day of the Prophet's death.

**C.** Not the day of the Prophet's death.

**D.** Not the day of the Prophet's death.

## Question 94 Islamiat

Warqa Bin Naufal was

- A. Follower of religion of Hazrat Ibrahim (AS) ✓ **Correct answer**
- B. Infidel
- C. Conspirator
- D. Trade

**A.** Waraqa ibn Nawfal was a Hanif, a follower of the religion of Abraham.

**B.** Waraqa was not an idolater; he was a Hanif who recognised the Prophet's mission.

**C.** Waraqa was not a conspirator.

**D.** "Trade" is not a description of a person.

## Question 95 Islamiat

Which is the date of death of Holy Prophet (PBUH)?

- A. June 8, 632 AD ✓ **Correct answer**
- B. August 25, 632 AD
- C. September 12, 632 AD
- D. February 18, 632 AD

**A.** The Holy Prophet (PBUH) passed away on 8 June 632 AD (12 Rabi-ul-Awwal, 11 AH).

ate of the Prophet's death.

**C.** Not the date of the Prophet's death.

**D.** Not the date of the Prophet's death.

## Question 96 Islamiat

"Mother of Poor" title gained by which wife of Holy Prophet (PBUH)?

- A. Hazrat Zainab Bint Khuzima (RA) ✓ **Correct answer**
- B. Hazrat Sofia (RA)
- C. Hazrat Soda (RA)
- D. Hazrat Ayesha (RA)

**A.** Zainab bint Khuzayma was known as Umm al-Masakin, "Mother of the Poor".

**B.** Safiyyah was not known as Mother of the Poor.

**C.** Sawda was not known as Mother of the Poor.

**D.** Ayesha was not known as Mother of the Poor.

## Question 97 Islamiat

Idea of digging a ditch around the Madina was given by

- A. Hazrat Salman Farsi (RA) ✓ **Correct answer**
- B. Hazrat Ali (RA)
- C. Hazrat Usman (RA)
- D. Hazrat Umar (RA)

**A.** Salman al-Farsi suggested digging the trench (ditch) around Madinah before the Battle of the Trench.

**B.** Ali did not suggest the ditch.

d not suggest the ditch.

**D.** Umar did not suggest the ditch.

## Question 98 Islamiat

In the battle of Ditch, who was the leader of Infidels?

- A. Abu Sufyan ✓ **Correct answer**
- B. Abu Jehl
- C. Both
- D. None

**A.** Abu Sufyan led the confederate forces against the Muslims in the Battle of the Trench (Ahzab).

**B.** Abu Jahl had been killed at Badr, two years before the Battle of the Trench.

**C.** Wrong: Abu Jahl was already dead.

**D.** A is correct, so "None" is wrong.

## Question 99 Islamiat

Holy Prophet PBUH delivered his farewell sermon at Arafat on

- A. 10 Zulhajj
- B. 27 Ramzan
- C. 27 Rajab
- D. 11 Zulhajj

**No answer is given for this question, and none is taught.** No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; printed key A "10 Zulhajj" is WRONG)

**A.** The printed key, but wrong: the Farewell Sermon was not delivered on 10 Zulhijjah.

e sermon was not delivered on 27 Ramzan.

**C.** Wrong: the sermon was not delivered on 27 Rajab.

**D.** Wrong: the sermon was not delivered on 11 Zulhijjah. EVIDENCE: the Farewell Sermon was delivered on 9 Zulhijjah (the Day of Arafat, 10 AH), and 9 Zulhijjah is not among the options, so no letter can be taught as the answer.

## Question 100 Everyday Science

Which of the following elements has the smallest size?

- A. Magnesium
- B. Phosphorous
- C. Chlorine ✓ **Correct answer**
- D. Aluminium

**A.** The printed key, but wrong: magnesium's atomic radius (about 160 pm) is the largest of the four.

**B.** Phosphorus is smaller than magnesium and aluminium, but larger than chlorine.

**C.** Atomic size decreases across a period, so chlorine (group 17) is the smallest of these four period-3 elements.

**D.** Aluminium is larger than phosphorus and chlorine.

**Note:** Note: printed key A is WRONG; the answer is C.

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