ZTBL OG-3 (Officer Grade III) — 2024 · Solved Past Paper

Body: Open Testing Service (OTS) · **Post:** ZTBL OG-3 (Officer Grade III) · **Year:** 2024 · **Questions:** 95 in the original paper — **92 solved and verified**, 3 excluded as defective (Q35, Q79, Q81) · **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 2024 sitting.

Source note: TestPointPK solved past paper: OTS ZTBL OG-3 Past Paper 07-07-2024 (10 paginated pages carry questions, 10 per page except page 10 with 5). Stems, Urdu lines and options and the site-marked key per question as captured from the page HTML (correct option carries class=correct), 15 Nov 2026. 4 site-key corrections (Q14 C→B, Q20 A→B, Q21 A→B, Q48 A→C), 0 PICK-ONE, 3 DEFECTIVE-excluded (Q35 passage with single 'Answer see in detail...' option; Q79 correct IRR ~6% not among the options; Q81 correct NPV 13,397 not among the options — the filed 13,660 is the year-4 discounted inflow). Best-fit disclosed (site key kept): Q2 A Loot, Q13 D 1968, Q16 D Saleh, Q22 B 1,200 (one year's simple interest; repayment period omitted), Q50 B Rice, Q70 B 42.0% employment share, Q71 D 65% export share, Q80 D None of these (NPV about -18). 61 questions carry a Urdu line; 3 have five options as printed. Dedup 15 Nov 2026: BUILD with disclosure — live index 929 papers: no ots-ztbl-og-3-2024-07-07 paper_id in the index; 36/95 first-8-words stems shared with live 37bgr (ots-ztbl-og-iii-2024-01-07, the January 2024 sitting of the same ZTBL OG-III bank) — the 37bfw precedent (74% shared, built); 59 questions unique to this July 2024 sitting. Letter 37bhc verified free at build time (no 37bhc in configs, artifact dirs, knowledge directory, batch records or the live index).

1 General Knowledge

چین کی عظیم دیوار کی لمبائی کتنی ہے؟ ?What is the length of Great Wall of China

- A. 32400 km
- B. 21600 km
- C. 31200 km
- D. 21,196 km ✓ **Correct answer**

A. Wrong: the Great Wall is 21,196 km long.

B. Wrong: the length is 21,196 km.

C. Wrong: the length is 21,196 km.

D. Correct: the length of the Great Wall of China is 21,196 km.

Question 2 Islamic Studies

Hazrat Sara (RA) the wife of Hazrat Ibrahim (AS) and the mother of Hazrat Ishaq (AS) and ____ the sister of Prophet? حضرت سارہؓ، حضرت ابراہیمؑ کی بیوی، حضرت اسحاقؑ کی والدہ اور کس نبی کی بہن تھیں؟

- A. Hazrat Loot A.S ✓ **Correct answer**
- B. Hazrat Saleh A.S
- C. Hazrat Yousaf A.S
- D. None of these

A. Correct as filed: Hazrat Sara (RA) is filed as the sister of Prophet Loot (AS) (see Verification Summary).

B. Wrong: the bank files Loot.

C. Wrong: the bank files Loot.

D. Wrong: option A is correct.

3 Pakistan Studies

پاکستان نے کب ?When did Pakistan officially become a member of the United Nations (UNO)

باضابطہ طور پر اقوام متحدہ کے اداروں میں شمولیت اختیار کی؟

- A. 30 September 1947 ✓ **Correct answer**
- B. 3 September 1947
- C. 10 September 1947
- D. 20 September 1947

A. Correct: Pakistan officially became a member of the United Nations on 30 September 1947.

B. Wrong: the date is 30 September 1947.

C. Wrong: the date is 30 September 1947.

D. Wrong: the date is 30 September 1947.

Question 4 English

Even though the auditors _____ the accountant, his reputation was _____ by the allegations of fraud.

- A. Indicted - Blemished
- B. Betrayed - Ruined
- C. Cleared - Condoned
- D. Exonerated - Tarnished ✓ **Correct answer**

A. Wrong: 'indicted' would mean charged, not cleared.

B. Wrong: the auditors did not betray him.

C. Wrong: 'condoned' means excused, not tarnished.

D. Correct: even though the auditors exonerated the accountant, his reputation was

the allegations of fraud.

Question 5 Science

ہوا میں نمی کس آلے سے ناپی جاتی ہے؟ ?_____ Humidity in the air was measured by

- A. Barometer
- B. Hygrometer ✓ **Correct answer**
- C. Both A and B
- D. None of these

A. Wrong: a barometer measures air pressure.

B. Correct: humidity in the air is measured by a hygrometer.

C. Wrong: a barometer does not measure humidity.

D. Wrong: option B is correct.

Question 6 General Knowledge

رقبے کے لحاظ سے سب سے بڑا اسلامی ملک کونسا ?_____ The biggest/largest Islamic country by area is ہے؟

- A. Sudan
- B. Libya
- C. Kazakhstan ✓ **Correct answer**
- D. Egypt

A. Wrong: the largest Islamic country by area is Kazakhstan.

B. Wrong: the largest is Kazakhstan.

C. Correct: the biggest Islamic country by area is Kazakhstan.

D. Wrong: the largest is Kazakhstan.

7 Islamic Studies

The Biography Of Holy Prophet (SAW) entitled “Sirat Rasul Ullah (Life of the Messenger of God)” was written by? سیرت رسول اللہ کے نام سے رسول اللہ ﷺ کی سیرت کس نے لکھی؟

- A. Ibn-e-Ishaq ✓ **Correct answer**
- B. Ibn-e-Hisham
- C. Ibn-e-Khaldun
- D. None of these

A. Correct: the biography of the Holy Prophet (SAW) entitled 'Sirat Rasul Ullah' was written by Ibn-e-Ishaq.

B. Wrong: Ibn Hisham edited and abridged Ibn Ishaq's work.

C. Wrong: Ibn Khaldun wrote the Muqaddimah, not the Sirat.

D. Wrong: option A is correct.

Question 8 English

The Synonym of Lugubrious is?

- A. Libelous
- B. Mournful ✓ **Correct answer**
- C. Heavy
- D. Frequent

A. Wrong: libelous means defamatory in writing.

B. Correct: 'lugubrious' means mournful, sad and gloomy.

C. Wrong: heavy is not the synonym of lugubrious.

D. Wrong: frequent means occurring often.

9 General Knowledge

پہلا نوبل انعام کب دیا گیا؟ ?The first Noble Prize was awarded in the year

- A. 1900
- B. 1901 ✓ **Correct answer**
- C. 1902
- D. 1903

A. Wrong: the first Nobel Prize was awarded in 1901.

B. Correct: the first Nobel Prize was awarded in 1901.

C. Wrong: the first prize was awarded in 1901.

D. Wrong: the first prize was awarded in 1901.

Question 10 Science

ہوا میں آکسیجن کی فیصد مقدار کتنی ہے؟ ?_____ The percentage of Oxygen in the air is

- A. 20.94% ✓ **Correct answer**
- B. 21.94%
- C. 22.94%
- D. 25.7%

A. Correct: the percentage of oxygen in the air is about 20.94%.

B. Wrong: the figure is about 20.94%.

C. Wrong: the figure is about 20.94%.

D. Wrong: the figure is about 20.94%.

11 Mathematics

A farmer harvested 500 kilograms of wheat from his field. If each bag can hold 25 kilograms of wheat, how many bags did he fill? ایک کسان نے اپنے کھیت سے 500 کلو گرام گندم کاٹی۔ اگر ہر تھیلے میں 25 کلو گرام گندم ہو سکتی ہے تو اس نے کتنے تھیلے بھرے؟

- A. 15 bags
- B. 20 bags ✓ **Correct answer**
- C. 30 bags
- D. 25 bags

A. Wrong: 500 / 25 = 20 bags.

B. Correct: 500 kilograms / 25 kilograms per bag = 20 bags.

C. Wrong: 500 / 25 = 20 bags.

D. Wrong: 500 / 25 = 20 bags.

Question 12 Mathematics

If the cost of plowing one acr of land is Rs 30 , how much will it cost to plow a field of 5 acres? اگر ایک ایکڑ زمین پر ہل چلانے کی قیمت 30 روپے ہے تو 5 ایکڑ کے کھیت میں ہل چلانے پر کتنا خرچ آئے گا؟

- A. Rs 100
- B. Rs 120
- C. Rs 150 ✓ **Correct answer**
- D. Rs 180

A. Wrong: 5 acres x Rs 30 = Rs 150.

B. Wrong: 5 x 30 = 150.

C. Correct: plowing 5 acres at Rs 30 per acre costs Rs 150.

x 30 = 150.

Question 13 Pakistan Studies

_____ میں قائم ہوئیں؟ کراچی کی اسٹیل ملز _____? Karachi steal mills were established in

- A. 1973
- B. 1963
- C. 1985
- D. 1968 ✓ **Correct answer**

A. Wrong: the bank files 1968.

B. Wrong: the bank files 1968.

C. Wrong: the bank files 1968.

D. Correct as filed: Karachi Steel Mills is filed as established in 1968 (the decision to set up the mill was taken in 1968; the mills were commissioned later — see Verification Summary).

Question 14 Economics

زرمبادلہ کمانے کا سب سے بڑا ذریعہ کون سا ہے؟ ?Which one is the dominant source of foreign exchange earning

- A. Textile
- B. Foreign remittance ✓ **Correct answer**
- C. Agriculture
- D. Manufacturing
- E. Banking

A. Wrong: textiles are the largest export, but remittances are the largest single source of foreign exchange.

Foreign remittances are the dominant source of foreign exchange earning for Pakistan (over $30 billion a year, exceeding textile exports).

C. Wrong: agriculture's direct foreign-exchange earnings are far smaller than remittances (see Verification Summary).

D. Wrong: manufacturing earns less foreign exchange than remittances.

E. Wrong: banking is not the dominant source of foreign exchange.

Question 15 Agriculture

پاکستان میں فصلوں کے کتنے موسم ہوتے ہیں؟ ?How many crop seasons are in Pakistan

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

A. Correct: Pakistan has 2 crop seasons, Rabi and Kharif.

B. Wrong: there are 2 main crop seasons.

C. Wrong: there are 2 main crop seasons.

D. Wrong: option A is correct.

Question 16 Islamic Studies

پہلی بار صابن کس نے بنایا؟ ?Who made Soap for the first time

- A. Hazrat Nooh (AS)
- B. Hazrat Ibrahim (AS)
- C. Hazrat Adam (AS)
- D. Hazrat Saleh (AS) ✓ **Correct answer**

e bank files Saleh.

B. Wrong: the bank files Saleh.

C. Wrong: the bank files Saleh.

D. Correct as filed: Hazrat Saleh (AS) is filed as the one who made soap for the first time (see Verification Summary).

Question 17 Finance

What is the formula for calculating the Profit Margin? منافع کے مارجن کا حساب لگانے کا فارمولا کیا ہے؟

- A. (Net Income / Revenue) * 100 ✓ **Correct answer**
- B. (Net Income / Total Assests) * 100
- C. (cogs / Revenue) * 100
- D. (operating profit / Revenue) * 100

A. Correct: the profit margin is calculated as (Net Income / Revenue) x 100.

B. Wrong: that is the return on assets.

C. Wrong: that is the cost-of-goods-sold ratio.

D. Wrong: that is the operating margin, not the (net) profit margin.

Question 18 Finance

In financial terms, what does IRR represent?

- A. Internal Revenue Rate
- B. Internal Risk Ratio
- C. Internal Rate of Return ✓ **Correct answer**
- D. Interest Rate Revenue

R is the Internal Rate of Return.

B. Wrong: IRR is the Internal Rate of Return.

C. Correct: IRR stands for Internal Rate of Return.

D. Wrong: IRR is the Internal Rate of Return.

Question 19 Finance

If the COGS for a product is RS 120 and the gross profit is RS 80, what is the selling price?

- A. Rs 160
- B. Rs 200 ✓ **Correct answer**
- C. Rs 240
- D. RS 280

A. Wrong: selling price = COGS + gross profit = 120 + 80 = 200.

B. Correct: selling price = COGS (Rs 120) + gross profit (Rs 80) = Rs 200.

C. Wrong: 120 + 80 = 200.

D. Wrong: 120 + 80 = 200.

Question 20 Finance

Which financial metric provides a measure of the efficiency of a company's use of its assets in generating profit?

- A. ROI (return on investment)
- B. ROA (return on assets) ✓ **Correct answer**
- C. ROE (return on equity)
- D. IRR (internal rate of return)

A. Wrong: ROI measures return on an investment, not the efficiency of asset use.

Return on assets measures the efficiency of a company's use of its assets in generating profit.

C. Wrong: ROE measures return on shareholders' equity.

D. Wrong: IRR is the discount rate that makes NPV zero.

Question 21 Finance

Which of the following is a method used for evaluating the profitability of an investment by finding the interest rate that equates the present value of cash inflows with the present value of outflows?

درج ذیل میں سے کون سا طریقہ کسی سرمایہ کاری کے منافع کا جائزہ لینے کے لیے استعمال کیا جاتا ہے، جس میں وہ شرحِ سود معلوم کی جاتی ہے جو نقد آمدن کی موجودہ قدر کو نقد اخراجات کی موجودہ قدر کے برابر کر دے؟

- A. NPV
- B. IRR ✓ **Correct answer**
- C. COGS
- D. ROI

A. Wrong: NPV finds the net present value; the rate that equates the present values of inflows and outflows is the IRR.

B. Correct: the internal rate of return is the interest rate that equates the present value of cash inflows with the present value of outflows (see Verification Summary).

C. Wrong: COGS is the cost of goods sold.

D. Wrong: ROI is the return on investment.

Question 22 Finance

A farmer a loan of rs 15,000 at an annual interest rate of 8%. If the loan is to be repaid in three equal installments, what is the total interest paid?

- B. 1200 ✓ **Correct answer**
- C. 1500
- D. 1800

A. Wrong: the bank files 1200.

B. Correct as filed: one year's simple interest on Rs 15,000 at 8% is Rs 1,200 (see Verification Summary — the question omits the repayment period).

C. Wrong: the bank files 1200.

D. Wrong: the bank files 1200.

Question 23 Finance

_____ The calculation formula for the gross profit is _____ مجموعی منافع کا حساب کا فارمولا ہے؟

- A. Revenue-net income
- B. Revenue - cogs ✓ **Correct answer**
- C. Net income- cogs
- D. Net income - cogs

A. Wrong: gross profit = revenue - COGS.

B. Correct: gross profit = revenue - cost of goods sold.

C. Wrong: gross profit = revenue - COGS.

D. Wrong: gross profit = revenue - COGS.

Question 24 Finance

What is the formula for calculating interest?

- A. pricipal * rate* time ✓ **Correct answer**

- C. principle +rate+time
- D. principle - rate - time

A. Correct: interest = principal x rate x time (as printed, 'pricipal').

B. Wrong: interest is principal x rate x time.

C. Wrong: interest is principal x rate x time.

D. Wrong: interest is principal x rate x time.

Question 25 Finance

What does NPV stand for in financial terms?

- A. Net Profit Value
- B. Net Present Value ✓ **Correct answer**
- C. Non-Performing Venture
- D. New Project Valuation

A. Wrong: NPV is Net Present Value.

B. Correct: NPV stands for Net Present Value.

C. Wrong: NPV is Net Present Value.

D. Wrong: NPV is Net Present Value.

Question 26 Finance

The formula for calculating ROI is:

- A. (net income/ initial investment)* 100 ✓ **Correct answer**
- B. (gross profit / initial investment)* 100
- C. (net income/revenue)* 100
- D. (net income/cogs)* 100

OI = (net income / initial investment) x 100.

B. Wrong: ROI uses net income, not gross profit.

C. Wrong: that is the profit margin.

D. Wrong: ROI uses the initial investment.

Question 27 Finance

If the selling price of a product is rs 150, and the COGS is Rs 80, what is the gross profit?

- A. RS 70 ✓ **Correct answer**
- B. RS 80
- C. RS 150
- D. RS 230

A. Correct: gross profit = selling price (Rs 150) - COGS (Rs 80) = Rs 70.

B. Wrong: 150 - 80 = 70.

C. Wrong: 150 - 80 = 70.

D. Wrong: 150 - 80 = 70.

Question 28 Finance

Which financial ratio indicates the proportion of revenue that exceeds the COGS?

- A. Grass profit margin ✓ **Correct answer**
- B. Net profit margin
- C. Operating profit margin
- D. Return on investment (roi)

A. Correct: the gross profit margin is the proportion of revenue that exceeds the COGS (as printed, 'Grass profit margin').

e net margin is after all expenses.

C. Wrong: the operating margin is after operating expenses.

D. Wrong: ROI is the return on investment.

Question 29 Finance

In NPV analysis, if the calculated NPV is positive, it indicates:

- A. Profitability ✓ **Correct answer**
- B. Loss
- C. Break-even
- D. Liquidity

A. Correct: a positive NPV indicates the investment is profitable.

B. Wrong: a positive NPV indicates profitability.

C. Wrong: NPV = 0 is break-even.

D. Wrong: NPV measures profitability, not liquidity.

Question 30 Finance

What is the primary purpose of calculating the NPV of an investment?

- A. To assess profitability ✓ **Correct answer**
- B. To estimate risk
- C. To determine liquidity
- D. To evaluate market share

A. Correct: the primary purpose of calculating NPV is to assess the profitability of an investment.

B. Wrong: NPV assesses profitability.

D. Wrong: NPV assesses profitability.

Question 31 Finance

COGS (Cost of Goods Sold) is an essential component in calculating:

- A. Net income
- B. Gross Profit ✓ **Correct answer**
- C. Operating Profit
- D. Return on investment

A. Wrong: COGS is a component of gross profit.

B. Correct: COGS is an essential component in calculating gross profit (revenue - COGS).

C. Wrong: COGS feeds gross profit first.

D. Wrong: COGS feeds gross profit.

Question 32 Mathematics

If A and B together can complete a work in 18 days, A and C together in 12 days and B and C together in 9 days, then B alone can do the work in ____?

- A. 40 days
- B. 30 days
- C. 24 days ✓ **Correct answer**
- D. 18 days

A. Wrong: B alone takes 24 days.

B. Wrong: B alone takes 24 days.

C. Correct: A+B = 1/18, A+C = 1/12, B+C = 1/9 per day, so A+B+C = 1/8 per day and B = 1/8 - 1/12 = 1/24 per day, i.e. 24 days alone.

alone takes 24 days.

Question 33 General Knowledge

افغانستان نے کس سال ?Which year did Afghanistan gain independence from British control

برطانوی تسلط سے آزادی حاصل کی؟

- A. 1919 ✓ **Correct answer**
- B. 1929
- C. 1939
- D. 1909

A. Correct: Afghanistan gained independence from British control in 1919.

B. Wrong: the year is 1919.

C. Wrong: the year is 1919.

D. Wrong: the year is 1919.

Question 34 English

The Antonym of Zealous is?

- A. Lazy
- B. Nonchalant
- C. Trenchant
- D. Both A and B ✓ **Correct answer**

A. Wrong: the bank files 'Both A and B'.

B. Wrong: the bank files 'Both A and B'.

C. Wrong: trenchant means sharp or incisive.

D. Correct: both 'lazy' and 'nonchalant' are antonyms of 'zealous'.

35 English

Passage: All states, all powers, that have held and hold rule over men have been and are either republics or principalities.

- A. Answer see in detail...

No answer is given for this question, and none is taught. DEFECTIVE — excluded (DEFECTIVE-excluded)

A. The source prints only this single option and the passage has no question attached, so the question cannot be answered as an MCQ.

Question 36 Pakistan Studies

Shaheed Benazir Bhutto became first woman Prime Minister of Pakistan on ____? شہید بے نظیر بھٹو ____ کو پاکستان کی پہلی خاتون وزیر اعظم بنیں؟

- A. November 8, 1988
- B. January 8, 1989
- C. December 12, 1988
- D. December 2, 1988 ✓ **Correct answer**

A. Wrong: Benazir Bhutto became PM on 2 December 1988.

B. Wrong: the date is 2 December 1988.

C. Wrong: the date is 2 December 1988.

D. Correct: Shaheed Benazir Bhutto became the first woman Prime Minister of Pakistan on 2 December 1988.

Question 37 General Knowledge

During which year the first World War was started? پہلی جنگ عظیم کس سال شروع ہوئی ہوئی؟

- B. 1913
- C. 1914 ✓ **Correct answer**
- D. 1915

A. Wrong: the First World War started in 1914.

B. Wrong: the war started in 1914.

C. Correct: the First World War started in 1914.

D. Wrong: the war started in 1914.

Question 38 Science

The science of rearing honey bees for honey is known as ____؟ شہد کے لیے شہد کی مکھیوں کو پالنے کی سائنس کو ____ کہا جاتا ہے؟

- A. Honey Culture
- B. Apiculture ✓ **Correct answer**
- C. Sericulture
- D. Silvi Culture

A. Wrong: the science is apiculture.

B. Correct: the science of rearing honey bees for honey is known as apiculture.

C. Wrong: sericulture is the rearing of silkworms.

D. Wrong: silviculture is the growing of trees.

Question 39 Pakistan Studies

When Maulana Muhammad Ali Johar issued Comrade Newspaper from Kolkata? مولانا محمد علی جوہر نے کولکتہ سے کامریڈ اخبار کب جاری کیا؟

- B. 14 Jan 1912
- C. 14 Jan 1911 ✓ **Correct answer**
- D. 14 Jan 1913

A. Wrong: Maulana Muhammad Ali Johar issued Comrade from Kolkata on 14 January 1911.

B. Wrong: the date is 14 January 1911.

C. Correct: Maulana Muhammad Ali Johar issued the Comrade newspaper from Kolkata on 14 January 1911.

D. Wrong: the date is 14 January 1911.

Question 40 Science

?What does lithosphere لیتھوسفیئر کیا کرتا ہے؟

- A. Rigid rocky outer layer of the earth ✓ **Correct answer**
- B. Water surface of the earth
- C. Rock of the earth
- D. None of these

A. Correct: the lithosphere is the rigid rocky outer layer of the Earth.

B. Wrong: the water surface is the hydrosphere.

C. Wrong: the lithosphere is specifically the rigid outer layer.

D. Wrong: option A is correct.

Question 41 Pakistan Studies

?_____ In 1974 Pakistan became the Chairman of سن 1974 میں پاکستان کس تنظیم کا چیئرمین بنا؟

- B. UNO
- C. OIC ✓ **Correct answer**
- D. None

A. Wrong: Pakistan became chairman of the OIC in 1974.

B. Wrong: Pakistan became chairman of the OIC in 1974.

C. Correct: in 1974 Pakistan became the Chairman of the OIC (hosting the Lahore summit).

D. Wrong: option C is correct.

Question 42 Science

فوٹومیٹر کیا ہے؟ ?What is photometer

- A. Instrument for testing picture quality
- B. Instrument for measuring light intensity ✓ **Correct answer**
- C. Instrument for measuring size of picture
- D. Instrument for testing colors of picture

A. Wrong: a photometer measures light intensity.

B. Correct: a photometer is an instrument for measuring light intensity.

C. Wrong: a photometer measures light intensity.

D. Wrong: a photometer measures light intensity.

Question 43 General Knowledge

دنیا کی پہلی فضائیہ کون سی تھی؟ ?Which was the first Air Force of the world

- A. Turkish Air Force
- B. Italian Air Force

al Air Force of Great Britian ✓ **Correct answer**

- D. None

A. Wrong: the first air force of the world was the Royal Air Force.

B. Wrong: the first air force was the Royal Air Force.

C. Correct: the Royal Air Force of Great Britain (founded 1 April 1918) was the first air force of the world.

D. Wrong: option C is correct.

Question 44 General Knowledge

پہلے مسلمان خلاباز کا نام کیا تھا؟ ?What is the name of first Muslim astronaut

- A. Abdul Aziz
- B. Muhammad bin Suleiman
- C. Muhammad bin Naif
- D. Sultan bin Salman al Saud ✓ **Correct answer**

A. Wrong: the first Muslim astronaut was Sultan bin Salman al Saud.

B. Wrong: the first Muslim astronaut was Sultan bin Salman.

C. Wrong: the first Muslim astronaut was Sultan bin Salman.

D. Correct: Sultan bin Salman al Saud was the first Muslim astronaut (1985).

Question 45 English

Which of the following is the correct completion of the sentence? "The best way to encourage innovative thinking is not to promise financial rewards for ideas, _____".

- A. But to ensure that the person making the suggestion receives recognition for his contribution

to ensure that the person who makes the suggestion will be receiving recognition for his contribution

- C. But rather by ensuring that the person making the suggestion receives recognition for his contribution ✓ **Correct answer**
- D. But rather ensure that suggestion-maker receives recognition for his contribution

A. Wrong: 'not to promise ... but to ensure' breaks the parallel structure.

B. Wrong: the tense and structure break the parallel.

C. Correct: 'not to promise financial rewards ... but rather by ensuring ...' is the correct parallel completion.

D. Wrong: 'rather ensure' breaks the parallel 'by' structure.

Question 46 English

Which of the following is the correct completion of the sentence? "Once a hurricane is identified, it is given a name from a list drawn up by the United States Weather Service, a list that is reused after a few years, _____"?

- A. But with the names of the worst hurricanes emitted
- B. Omitting the names of the worst hurricanes ✓ **Correct answer**
- C. The names of the worst hurricanes being omitted
- D. After they have omitted the names of the worst hurricanes

A. Wrong: 'emitted' is the wrong word and the structure is faulty.

B. Correct: the list is reused after a few years, omitting the names of the worst hurricanes.

C. Wrong: the absolute construction does not fit the sentence.

D. Wrong: the clause does not fit the sentence.

47 English

To get the promotion she wanted, Sania _____ that it was best to go back to school to get her master's degree as soon as she could.

- A. Anticipated
- B. Hindered
- C. Augmented
- D. Resolved ✓ **Correct answer**

A. Wrong: she resolved that it was best to go back to school.

B. Wrong: hindered means obstructed.

C. Wrong: augmented means increased.

D. Correct: to get the promotion she wanted, Sania resolved that it was best to go back to school.

Question 48 English

Select the correctly completed sentence: "In the fine print at the end of the document, _____".

- A. Lies the clauses that make us liable for any expenses that result from civil unrest
- B. Lies the clauses which make us liable for any expenses that result from civil unrest
- C. Lie the clauses that make us liable for any expenses that result from civil unrest ✓ **Correct answer**
- D. Lies the clauses that make us liable for any expenses which result from civil unrest

A. Wrong: 'lies' is singular but the subject 'clauses' is plural.

B. Wrong: 'lies' does not agree with 'clauses'.

The plural verb 'lie' agrees with the plural subject 'clauses' (see Verification Summary).

D. Wrong: 'lies' does not agree with 'clauses'.

Question 49 Agriculture

_____? آلو کا عالمی جین بینک _____ پر واقع ہے؟ Global gene bank of Potato is located at

- A. Cip Peru ✓ **Correct answer**
- B. Florida
- C. Columbia
- D. None

A. Correct: the global gene bank of potato is located at CIP (International Potato Center), Peru.

B. Wrong: the potato gene bank is at CIP, Peru.

C. Wrong: the potato gene bank is at CIP, Peru.

D. Wrong: option A is correct.

Question 50 Agriculture

_____? بمشکل میں پروٹین کا مواد _____ سے زیادہ ہے؟ Protein content in barely is higher than

- A. Wheat
- B. Rice ✓ **Correct answer**
- C. Maize
- D. None

A. Wrong: barley's protein content is lower than wheat's.

B. Correct: the protein content in barley is higher than in rice.

...arley's protein is higher than maize's too, but the bank files Rice.

D. Wrong: option B is correct.

Question 51 English

The Synonym of Stringent is?

- A. Demonic
- B. Tough ✓ **Correct answer**
- C. Tenuous
- D. Lax

A. Wrong: demonic means devilish.

B. Correct: 'stringent' means strict or tough.

C. Wrong: tenuous means thin or weak.

D. Wrong: lax is the antonym of stringent.

Question 52 English

The Synonym of Aspersion is?

- A. Breath
- B. Slander ✓ **Correct answer**
- C. Accolade
- D. Stone

A. Wrong: breath is not the synonym of aspersion.

B. Correct: 'aspersion' means slander, a damaging remark.

C. Wrong: accolade means praise.

D. Wrong: stone is not the synonym of aspersion.

53 English

The Synonym of Palliative is?

- A. Tyrannical
- B. Overt
- C. Curative ✓ **Correct answer**
- D. Festive

A. Wrong: tyrannical means oppressive.

B. Wrong: overt means open.

C. Correct: 'palliative' means relieving or curative (easing symptoms).

D. Wrong: festive means celebratory.

Question 54 English

The Antonym of Obstreperous is?

- A. Placid ✓ **Correct answer**
- B. Stubborn
- C. Raucous
- D. Fertile

A. Correct: 'obstreperous' means noisy and unruly; its antonym is 'placid' (calm).

B. Wrong: stubborn is a synonym of obstreperous.

C. Wrong: raucous is a synonym of obstreperous.

D. Wrong: fertile is unrelated.

Question 55 English

The Antonym of Disheveled is?

- B. Scattered
- C. Fermented
- D. Ordered ✓ **Correct answer**

A. Wrong: crumpled is a synonym of disheveled.

B. Wrong: scattered is close to disheveled.

C. Wrong: fermented is unrelated.

D. Correct: 'disheveled' means untidy; its antonym is 'ordered'.

Question 56 English

The Antonym of Vainglorious is?

- A. Sardonic
- B. Ostentatious
- C. Humble ✓ **Correct answer**
- D. Consummate

A. Wrong: sardonic means mocking.

B. Wrong: ostentatious is a synonym of vainglorious.

C. Correct: 'vainglorious' means boastful; its antonym is 'humble'.

D. Wrong: consummate means complete or perfect.

Question 57 English

The Antonym of Affected is?

- A. Hygienic
- B. Mannered
- C. Pretty

ple ✓ **Correct answer**

A. Wrong: hygienic is unrelated.

B. Wrong: mannered is a synonym of affected.

C. Wrong: pretty is unrelated.

D. Correct: 'affected' means artificial or mannered; its antonym is 'simple' (natural).

Question 58 English

The Antonym of Enervating is?

- A. Decorous
- B. Frustrating
- C. Invigorating ✓ **Correct answer**
- D. Grandiose

A. Wrong: decorous means proper.

B. Wrong: frustrating is unrelated.

C. Correct: 'enervating' means weakening; its antonym is 'invigorating'.

D. Wrong: grandiose means grand.

Question 59 Finance

مالی اصطلاح میں، آر او آئی کا کیا مطلب ہے؟ ?In financial term, what does ROI stands for

- A. Rate of Investment
- B. Return On Investment ✓ **Correct answer**
- C. Risk of Investment
- D. Revenue On Investment

A. Wrong: ROI is Return on Investment.

OI stands for Return on Investment.

C. Wrong: ROI is Return on Investment.

D. Wrong: ROI is Return on Investment.

Question 60 Mathematics

Which of the following is a prime number?

- A. 9
- B. 8
- C. 4
- D. 2 ✓ **Correct answer**

A. Wrong: 9 is divisible by 3.

B. Wrong: 8 is divisible by 2.

C. Wrong: 4 is divisible by 2.

D. Correct: 2 is a prime number (the only even prime).

Question 61 Agriculture

_____ Cabbage, cauliflower, broccoli, knol-knol are _____؟ بند گوبھی، گوبھی، بروکولی، نول-نول ہیں؟

- A. Cole Crop ✓ **Correct answer**
- B. Leafy Vegetables
- C. Solanaceous Vegetables
- D. Floral Vegetables

A. Correct: cabbage, cauliflower, broccoli and knol-khol are cole crops.

B. Wrong: they are cole crops.

lanaceous vegetables are tomato, potato and brinjal.

D. Wrong: they are cole crops.

Question 62 Science

?_____ The process of producing several identical copies of a gene sequence is referred as

جین کی ترتیب کی کئی ایک جیسی کاپیاں تیار کرنے کے عمل کو _____ کہا جاتا ہے؟

- A. Micro Cloning
- B. Gene Splicing
- C. Gene Cloning ✓ **Correct answer**
- D. Gene Sequencing

A. Wrong: the process is gene cloning.

B. Wrong: gene splicing joins DNA segments.

C. Correct: producing several identical copies of a gene sequence is gene cloning.

D. Wrong: sequencing reads the order of bases.

Question 63 Science

?_____ Air contains ہوا _____ پر مشتمل ہے؟

- A. 70 % Nitrogen
- B. 78% Nitrogen ✓ **Correct answer**
- C. 50% Nitrogen
- D. None of these

A. Wrong: air contains about 78% nitrogen.

B. Correct: air contains about 78% nitrogen.

C. Wrong: air contains about 78% nitrogen.

otion B is correct.

Question 64 Agriculture

Narcotic crops mainly grown in Pakistan is _____? پاکستان میں بنیادی طور پر کاشت کی جانے والی نشہ آور فصلیں _____ ہے؟

- A. Tobacco ✓ **Correct answer**
- B. Cocon
- C. Pyrethrum
- D. None

A. Correct: the narcotic crop mainly grown in Pakistan is tobacco.

B. Wrong: 'Cocon' (coca) is not the main narcotic crop in Pakistan.

C. Wrong: pyrethrum is an insecticide plant, not a narcotic.

D. Wrong: option A is correct.

Question 65 Economics

Which one of the following is the largest sector of Pakistan's economy? پاکستان کی معیشت کا سب سے بڑا شعبہ درج ذیل میں سے کون سا ہے؟

- A. Manufacturing
- B. Banking
- C. Industry
- D. Agriculture ✓ **Correct answer**

A. Wrong: agriculture is the largest sector of Pakistan's economy.

B. Wrong: agriculture is the largest sector.

C. Wrong: agriculture is the largest sector.

griculture is the largest sector of Pakistan's economy.

Question 66 Agriculture

پودے اپنے غذائی اجزا _____ سے حاصل کرتے ہیں؟ _____? Plants uptake their nutrients from

- A. Air
- B. Water
- C. Soil
- D. All of these ✓ **Correct answer**

A. Wrong: plants take nutrients from air, water and soil — all of them.

B. Wrong: plants take nutrients from all three.

C. Wrong: plants take nutrients from all three.

D. Correct: plants uptake their nutrients from air, water and soil.

Question 67 Agriculture

مصنوعی پودوں کی تولید _____ کے ذریعہ کی _____? Artificial vegetative reproduction is done by جاتی ہے؟

- A. Budding
- B. Layering
- C. Grafting
- D. All of these ✓ **Correct answer**

A. Wrong: budding, layering and grafting are all artificial vegetative reproduction.

B. Wrong: all three are artificial vegetative reproduction.

C. Wrong: all three are artificial vegetative reproduction.

D. Correct: artificial vegetative reproduction is done by budding, layering and grafting.

68 Agriculture

Mating between distantly related individuals is known as _____? دور سے تعلق رکھنے والے افراد کے درمیان ملاپ کو _____ کہا جاتا ہے؟

- A. Inbreeding
- B. Amphimixis
- C. Out Breeding ✓ **Correct answer**
- D. All of these

A. Wrong: inbreeding is mating between closely related individuals.

B. Wrong: amphimixis is sexual reproduction.

C. Correct: mating between distantly related individuals is known as outbreeding.

D. Wrong: only outbreeding fits.

Question 69 Agriculture

Global gene pool rice is maintained at _____? عالمی جین پول چاول کو _____ پر برقرار رکھا جاتا ہے؟

- A. China
- B. Mexico
- C. Irri Philippines ✓ **Correct answer**
- D. None

A. Wrong: the global rice gene pool is at IRRI, Philippines.

B. Wrong: the rice gene pool is at IRRI, Philippines.

C. Correct: the global gene pool of rice is maintained at IRRI, Philippines.

D. Wrong: option C is correct.

70 Agriculture

پاکستان کا زرعی شعبہ .The agriculture sector of Pakistan generates _____% of employment

_____% روزگار پیدا کرتا ہے۔

- A. 43.5
- B. 42.0 ✓ **Correct answer**
- C. 40.5
- D. 39.0

A. Wrong: the bank files 42.0.

B. Correct as filed: the agriculture sector of Pakistan is filed as generating 42.0% of employment (see Verification Summary).

C. Wrong: the bank files 42.0.

D. Wrong: the bank files 42.0.

Question 71 Economics

مجموعی برآمدات کا کتنا حصہ ?How much of the total export earning is through agriculture

زراعت کے ذریعے حاصل ہوتا ہے؟

- A. 55%
- B. 45%
- C. 75%
- D. 65% ✓ **Correct answer**

A. Wrong: the bank files 65%.

B. Wrong: the bank files 65%.

C. Wrong: the bank files 65%.

D. Correct as filed: 65% of total export earnings are filed as coming through agriculture

Question 72 Agriculture

_____ سال بہ سال ایک ہی فصل کی کاشت کو ?_____ Cultivation of same crop year after year is called

کہا جاتا ہے؟

- A. Single Cropping
- B. Mono Cropping ✓ **Correct answer**
- C. Double Cropping
- D. All of the above

A. Wrong: growing the same crop year after year is monocropping.

B. Correct: cultivation of the same crop year after year is called monocropping.

C. Wrong: double cropping is two crops a year.

D. Wrong: only monocropping fits.

Question 73 Pakistan Studies

امریکی صدر بل کلنٹن کس سال ?USA President Bill Clinton arrived in Pakistan in which year

پاکستان آئے؟

- A. 2002
- B. 2000 ✓ **Correct answer**
- C. 2004
- D. 1998
- E. 2005

A. Wrong: Bill Clinton visited Pakistan in 2000.

B. Correct: US President Bill Clinton arrived in Pakistan in 2000 (March 2000).

e visit was in 2000.

D. Wrong: the visit was in 2000.

E. Wrong: the visit was in 2000.

Question 74 Islamic Studies

_____ امیر معاویہ نے اپنا دار الحکومت کوفہ ?_____ Amir Muawiya transferred his capital form Kufa to منتقل کیا؟

- A. Madina
- B. Makkah
- C. Damascus ✓ **Correct answer**
- D. Baghdad
- E. None

A. Wrong: Muawiya moved his capital from Kufa to Damascus.

B. Wrong: the capital was moved to Damascus.

C. Correct: Amir Muawiya transferred his capital from Kufa to Damascus.

D. Wrong: Baghdad became the capital later, under the Abbasids.

E. Wrong: option C is correct.

Question 75 General Knowledge

بابل کا معلق باغ کس میں بنایا گیا تھا؟ ?The Hanging Garden of Babylon were built in

- A. 400 BC
- B. 500 BC
- C. 600 BC ✓ **Correct answer**
- D. 700 BC

e Hanging Gardens were built around 600 BC.

B. Wrong: they were built around 600 BC.

C. Correct: the Hanging Gardens of Babylon were built around 600 BC.

D. Wrong: they were built around 600 BC.

Question 76 Agriculture

Which are major seasons for agriculture crop in Pakistan? پاکستان میں زرعی فصلوں کے اہم موسم کون سے ہیں؟

- A. Kharif & Barani
- B. Kharif & Rabi ✓ **Correct answer**
- C. Barani & Rabi
- D. None of these

A. Wrong: the major seasons are Kharif and Rabi.

B. Correct: the major seasons for agriculture crops in Pakistan are Kharif and Rabi.

C. Wrong: the major seasons are Kharif and Rabi.

D. Wrong: option B is correct.

Question 77 Mathematics

If the average yield per hectare for a specific crop is 500 kilo grams and a farmer has a field of 2 hectares, what is the total yield? اگر کسی مخصوص فصل کی فی ہیکٹر اوسط پیداوار 500 کلو گرام ہے اور ایک کسان کے پاس 2 ہیکٹر کا کھیت ہے، تو کل پیداوار کیا ہے؟

- A. 1000 kg ✓ **Correct answer**
- B. 750 kg
- C. 1500 kg

0 kg

A. Correct: 500 kg per hectare x 2 hectares = 1,000 kg.

B. Wrong: 500 x 2 = 1,000.

C. Wrong: 500 x 2 = 1,000.

D. Wrong: 500 x 2 = 1,000.

Question 78 Mathematics

A farmer a field produces 10% more corn than farmer B field.If farmer B field produces 800 kg of corn, how much corn did farmer A field produce?

- A. 880 kg ✓ **Correct answer**
- B. 800 kg
- C. 920 kg
- D. 1000 kg

A. Correct: farmer B produces 800 kg, so farmer A produces 800 x 1.10 = 880 kg.

B. Wrong: A produces 10% more than B.

C. Wrong: 800 x 1.10 = 880.

D. Wrong: 800 x 1.10 = 880.

Question 79 Finance

If the initial investment for a project is Rs 80,000, and discounted cash inflows are Rs 30,000 per year for three years, what is the IRR?

- A. 15%
- B. 5%
- C. 10%
- D. 20%

s given for this question, and none is taught. DEFECTIVE — excluded (DEFECTIVE-excluded)

A. Wrong: at 15% the present value of Rs 30,000 a year for 3 years is Rs 68,497, below the Rs 80,000 investment.

B. Wrong: at 5% the present value is Rs 81,697, above the investment.

C. Wrong: at 10% the present value is Rs 74,607, below the investment.

D. Wrong: at 20% the present value is Rs 63,195, far below the investment.

Question 80 Finance

A farmer invested Rs 10,000 in a new irrigation system. If the expected annual cash inflow from the system is Rs 2,500 for the next five years, and the discount rate is 8%, what is the NPV?

- A. Rs 1,000
- B. Rs 1,500
- C. Rs 2,000
- D. None of these ✓ **Correct answer**

A. Wrong: the NPV is about Rs 0 (Rs -18), so none of the amounts fits.

B. Wrong: the NPV is about Rs 0.

C. Wrong: the NPV is about Rs 0.

D. Correct: the present value of Rs 2,500 a year for 5 years at 8% is Rs 9,982, so the NPV is about Rs -18 — none of the amounts given.

Question 81 Finance

If the initial investment for a project is Rs 50,000, the cash inflows are Rs 20,000 per year for four years, and the discount rate is 10%, what is the NPV?

- B. Rs 13,660
- C. Rs 50000
- D. Rs -16,602

No answer is given for this question, and none is taught. DEFECTIVE — excluded (DEFECTIVE-excluded)

A. Wrong: the NPV is about Rs 13,397.

B. Wrong: Rs 13,660 is the discounted value of the fourth year's inflow alone, not the NPV.

C. Wrong: the NPV is about Rs 13,397.

D. Wrong: the NPV is about Rs 13,397.

Question 82 Mathematics

A farmer X sowed wheat in 2/5 acre of his field and rice in the remaining. If his field is 10 hectares. How many hectares are sown with rice? ایک کسان X نے اپنے کھیت کے 2/5 ایکڑ میں گندم اور باقی میں چاول بویا۔ اگر اس کا کھیت 10 ہیکٹر ہے۔ کتنے ہیکٹر میں چاول کی بوائی جاتی ہے؟

- A. 2 hectares
- B. 4 hectares
- C. 5 hectares
- D. 6 hectares ✓ **Correct answer**

A. Wrong: rice is sown on 3/5 of 10 hectares = 6 hectares.

B. Wrong: 10 x 3/5 = 6 hectares.

C. Wrong: 10 x 3/5 = 6 hectares.

D. Correct: wheat is sown on 2/5 of 10 hectares, so rice is sown on the remaining 3/5 = 6 hectares.

83 Mathematics

A farmer divides his land into 3 equal parts.If total area of land is 15 acrs,what is the area of each part? ایک کسان اپنی زمین کو 3 برابر حصوں میں تقسیم کرتا ہے۔ اگر زمین کا کل رقبہ 15 ایکڑ ہے تو ہر حصے کا رقبہ کیا ہے؟

- A. 8 acr
- B. 3 acr
- C. 10 acr
- D. 5 acr ✓ **Correct answer**

A. Wrong: 15 / 3 = 5 acres.

B. Wrong: 15 / 3 = 5 acres.

C. Wrong: 15 / 3 = 5 acres.

D. Correct: 15 acres divided into 3 equal parts gives 5 acres each.

Question 84 Mathematics

If a tractor can plow 2 acr of land in 4 hours, how many acres can it plow in 8 hours? اگر ایک ٹریکٹر 4 گھنٹے میں 2 ایکڑ زمین ہل چلا سکتا ہے تو وہ 8 گھنٹے میں کتنے ایکڑ پر ہل چلا سکتا ہے؟

- A. 4 acrs ✓ **Correct answer**
- B. 6 acrs
- C. 8 acrs
- D. 10 acrs

A. Correct: 2 acres in 4 hours means 4 acres in 8 hours.

B. Wrong: 2 acres in 4 hours means 4 acres in 8 hours.

C. Wrong: 2 acres in 4 hours means 4 acres in 8 hours.

acres in 4 hours means 4 acres in 8 hours.

Question 85 Mathematics

A farmer has 2 fields. If one field is twice the size of the other, and the smaller field is 5 acres. What is the total area of both fields? ایک کسان کے پاس 2 کھیت ہیں۔ اگر ایک کھیت دوسرے سے دوگنا ہے اور چھوٹا کھیت 5 ایکڑ ہے۔ دونوں کھیت کا کل رقبہ کتنا ہے

- A. 15 acr ✓ **Correct answer**
- B. 10 acr
- C. 20 acr
- D. 25 acr

A. Correct: the smaller field is 5 acres and the larger is twice that (10 acres), so the total is 15 acres.

B. Wrong: 5 + 10 = 15 acres.

C. Wrong: 5 + 10 = 15 acres.

D. Wrong: 5 + 10 = 15 acres.

Question 86 Mathematics

If the cost of pesticides for a field is Rs 2 per square meter, how much will it cost to treat a field of 800 square meters? اگر کسی کھیت کے لیے کیڑے مار ادویات کی قیمت 2 روپے فی مربع میٹر ہے، تو 800 مربع میٹر کے کھیت کے علاج پر کتنا خرچ آئے گا؟

- A. Rs 1600 ✓ **Correct answer**
- B. Rs 1200
- C. Rs 2000
- D. Rs 2400

A. Correct: Rs 2 per square metre x 800 square metres = Rs 1,600.

x 800 = 1,600.

C. Wrong: 2 x 800 = 1,600.

D. Wrong: 2 x 800 = 1,600.

Question 87 Mathematics

A farmer has 15 cows, and each cow produces an average of 20 liters of milk per day how many liters of milk does the farmer get in a week? ایک کسان کے پاس 15 گائیں ہیں، اور ہر گائے روزانہ اوسطاً 20 لیٹر دودھ دیتی ہے، کسان کو ایک ہفتے میں کتنے لیٹر دودھ ملتا ہے؟

- A. 2100 liters ✓ **Correct answer**
- B. 2250 liters
- C. 2400 liters
- D. 2800 liters

A. Correct: 15 cows x 20 litres a day x 7 days = 2,100 litres a week.

B. Wrong: 15 x 20 x 7 = 2,100.

C. Wrong: 15 x 20 x 7 = 2,100.

D. Wrong: 15 x 20 x 7 = 2,100.

Question 88 Mathematics

If a farmer has circular pond with a radius of 8 meters. What is the approximate area of the pond? اگر ایک کسان کے پاس 8 میٹر کے رداس کے ساتھ گول تالاب ہے۔ تالاب کا تخمینہ رقبہ کیا ہے؟

- A. 64 sq meters
- B. 200 sq meters ✓ **Correct answer**
- C. 128 sq meters
- D. 160 sq meters

e area is pi x 8 x 8 = about 200 square metres.

B. Correct: the area of a circle of radius 8 metres is about 3.14 x 64 = 200 square metres.

C. Wrong: the area is about 200 square metres.

D. Wrong: the area is about 200 square metres.

Question 89 Mathematics

A farmer divides his land into equal parts for three different crops wheat corn and barley. If he has 15 acres of land and allocates 5 acres of each crop, what percentage of the total land is used for barley? ایک کسان اپنی زمین کو تین مختلف فصلوں گندم مکئی اور جو کے لیے برابر حصوں میں تقسیم کرتا ہے۔ اگر اس کے پاس 15 ایکڑ زمین ہے اور وہ ہر فصل کے لیے 5 ایکڑ مختص کرتا ہے تو کل زمین کا کتنا فیصد جو کے لیے استعمال ہوتا ہے؟

- A. 33.33 % ✓ **Correct answer**
- B. 25 %
- C. 20 %
- D. 30 %

A. Correct: 5 acres of 15 acres is 33.33% of the land.

B. Wrong: 5/15 = 33.33%.

C. Wrong: 5/15 = 33.33%.

D. Wrong: 5/15 = 33.33%.

Question 90 Mathematics

A farmer harvested 600 bushels of apples. If each bushel contains 50 apples how many apples did the farmer harvest in total? ایک کسان نے 600 بشل سیب کاٹے۔ اگر ہر بوشل میں 50 سیب ہوں

- A. 25,000 apples
- B. 30,000 apples ✓ **Correct answer**
- C. 35,000 apples
- D. 40,000 apples

A. Wrong: 600 x 50 = 30,000 apples.

B. Correct: 600 bushels x 50 apples per bushel = 30,000 apples.

C. Wrong: 600 x 50 = 30,000.

D. Wrong: 600 x 50 = 30,000.

Question 91 Mathematics

If a farmer needs to water his crops every 3 days , how many times does he needed to water them in a month? اگر ایک کسان کو ہر 3 دن بعد اپنی فصلوں کو پانی دینے کی ضرورت ہے تو اسے ایک مہینے میں کتنی بار پانی دینے کی ضرورت ہے؟

- A. 8 times
- B. 10 times ✓ **Correct answer**
- C. 12 times
- D. 15 times

A. Wrong: 30 days / 3 days = 10 times in a month.

B. Correct: watering every 3 days means 10 times in a 30-day month.

C. Wrong: 30 / 3 = 10.

D. Wrong: 30 / 3 = 10.

92 Mathematics

If the cost of fertilizing one acr of land is Rs 50. how much will it cost to fertilize a field of 8 acres? اگر ایک ایکڑ زمین پر کھاد ڈالنے کی لاگت 50 روپے ہے۔ 8 ایکڑ کے کھیت میں کھاد ڈالنے پر کتنا خرچ آئے گا؟

- A. Rs 200
- B. Rs 300
- C. Rs 400 ✓ **Correct answer**
- D. Rs 350

A. Wrong: Rs 50 x 8 acres = Rs 400.

B. Wrong: 50 x 8 = 400.

C. Correct: fertilizing 8 acres at Rs 50 per acre costs Rs 400.

D. Wrong: 50 x 8 = 400.

Question 93 Mathematics

If a farmer has a rectangular field with a length of 50 m and a width of 30 M what is the total area of field? اگر ایک کسان کے پاس مستطیل کھیت ہے جس کی لمبائی 50 میٹر اور چوڑائی 30 میٹر ہے تو کھیت کا کل رقبہ کیا ہے؟

- A. 1500 sq meters ✓ **Correct answer**
- B. 1000 sq meters
- C. 2000 sq meters
- D. 2500 sq meters

A. Correct: 50 m x 30 m = 1,500 square metres.

B. Wrong: 50 x 30 = 1,500.

C. Wrong: 50 x 30 = 1,500.

Question 94 Mathematics

A farmer has a rectangular field with a perimeter of 120 meters. If the length is 40 meters what is the width of field? ایک کسان کے پاس ایک مستطیل کھیت ہے جس کا دائرہ 120 میٹر ہے۔ اگر لمبائی 40 میٹر ہے تو میدان کی چوڑائی کیا ہے؟

- A. 20 meters ✓ **Correct answer**
- B. 30 meters
- C. 70 meters
- D. 25 meters

A. Correct: perimeter 120 m means length + width = 60 m, so width = 60 - 40 = 20 m.

B. Wrong: 60 - 40 = 20 m.

C. Wrong: 60 - 40 = 20 m.

D. Wrong: 60 - 40 = 20 m.

Question 95 Mathematics

If a crop requires 3 liters of water per square meter, how much water is needed to irrigate a field of 500 square meters? اگر ایک فصل کو 3 لیٹر پانی فی مربع میٹر درکار ہے تو 500 مربع میٹر کے کھیت کو سیراب کرنے کے لیے کتنا پانی درکار ہے؟

- A. 1000 liters
- B. 1200 liters
- C. 1500 liters ✓ **Correct answer**
- D. 1800 liters

A. Wrong: 3 litres x 500 square metres = 1,500 litres.

x 500 = 1,500.

C. Correct: 3 litres per square metre x 500 square metres = 1,500 litres.

D. Wrong: 3 x 500 = 1,500.

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