Assistant Sub-Inspector (BPS-09), Sindh Police Department — 2019 · Solved Past Paper

Body: Sindh Public Service Commission (SPSC) · **Post:** Assistant Sub-Inspector (BPS-09), Sindh Police Department · **Year:** 2019 · **Questions:** 50 in the original paper — **50 solved and verified**, none excluded · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2019 sitting.

Source note: trickipoint.com, 'ASI 2019 Past Paper PDF | SPSC Sindh Police ASI' (accessed 10 Nov 2026; 50 stems numbered 1-50, Paper Type A, General Knowledge, 20 January 2019, 2:00-3:00 pm, Max Marks 50, 4-option). No printed key; candidate ticks and a red-pen circle ignored (37aad precedent). Every answer was verified independently (own knowledge + targeted sources for the doubtful items) under the owner's 8 Nov 2026 standard. 2 PICK-ONE (Q8 B Nepal — Nepal was the world's only Hindu state until declared secular in 2008, the standard textbook answer; Q11 A Educational Institutions — option C Sindhology is also true, the Institute of Sindhology being at Jamshoro, but A is the standard answer). 0 DEFECTIVE-excluded. Dedup (10 Nov 2026, dedup161a.py vs 659 built files): top hit 24/50 fuzzy >=0.55, 1 pair >=0.90 — not a duplicate.

Question 1 General Knowledge

Hussain Shaheed Suharwardy was Pakistan's:

- A. President

- C. Chief Minister
- D. Prime Minister ✓ **Correct answer**

A. Suhrawardy was never President of Pakistan.

B. Suhrawardy was never Governor-General of Pakistan.

C. Suhrawardy was Chief Minister of Bengal before Partition, but the question asks what he was in Pakistan.

D. Hussain Shaheed Suhrawardy was the Prime Minister of Pakistan (1956–1957).

Note: Note: the print spells the name "Suharwardy" (filed as printed).

Question 2 General Knowledge

Who was the first President of All India Muslim League?

- A. Nawab Waqar-ul-Mulk
- B. Liaquat Ali Khan
- C. Sir Sultan Muhammad Agha Khan III ✓ **Correct answer**
- D. Quaid-e-Azam Muhammad Ali Jinnah

A. Nawab Waqar-ul-Mulk was a founder of the League and its first general secretary, not its first president.

B. Liaquat Ali Khan became a League leader later, but he was not its first president.

C. The Aga Khan III was the first President of the All India Muslim League (1906).

D. Jinnah joined the League in 1913 and led it later, but he was not its first president.

Question 3 General Knowledge

When and where All India Muslim League was founded?

- B. Lahore in 1902
- C. Dhaka in 1906 ✓ **Correct answer**
- D. Quetta in 1904

A. The League was not founded in Karachi in 1912.

B. The League was not founded in Lahore in 1902.

C. The All India Muslim League was founded at Dhaka on 30 December 1906.

D. The League was not founded in Quetta in 1904.

Question 4 General Knowledge

Who is Chairman of the Senate of Pakistan?

- A. Nihal Hashim
- B. Muhammad Sadiq Sanjrani ✓ **Correct answer**
- C. Shah Mahmood Qureshi
- D. Mushahid Hussain

A. Nihal Hashmi was a PML-N senator, never Chairman of the Senate.

B. Sadiq Sanjrani became Chairman of the Senate in March 2018 and held the office at the exam date (20 January 2019).

C. Shah Mahmood Qureshi was Foreign Minister in 2019, never Chairman of the Senate.

D. Mushahid Hussain Syed was a senator, never Chairman of the Senate.

Note: Note: judged at the exam date, per the exam-date standard.

Question 5 General Knowledge

The credit of present unanimous Constitution of Pakistan goes to:

- B. Zulfikar Ali Bhutto ✓ **Correct answer**
- C. Benazir Bhutto
- D. Iskandar Mirza

A. Ayub Khan gave the 1962 Constitution, not the unanimous 1973 Constitution.

B. The 1973 Constitution was passed unanimously under Prime Minister Zulfikar Ali Bhutto.

C. Benazir Bhutto was Prime Minister later (1988–1990, 1993–1996), not in 1973.

D. Iskandar Mirza was President in 1956–1958, not connected with the 1973 Constitution.

Question 6 General Knowledge

Shrine of Abdullah Shah Ashabi is in:

- A. Karachi ✓ **Correct answer**
- B. Thatta
- C. Moro
- D. Hyderabad

A. The shrine of Abdullah Shah Ghazi is at Clifton, Karachi.

B. Thatta has the Makli necropolis and Shah Jahan Mosque, not this shrine.

C. Moro is a town in Naushahro Feroze district, not the site of this shrine.

D. Hyderabad has the shrines of Shah Abdul Latif Bhitai's followers, not this shrine.

Note: Note: the print spells the name "Abdullah Shah Ashabi" (filed as printed); the saint is Abdullah Shah Ghazi.

7 General Knowledge

Where is the Headquarter of Air Force of Pakistan?

- A. Lahore
- B. Chaklala
- C. Islamabad ✓ **Correct answer**
- D. Rawalpindi

A. Lahore hosts PAF Base and the PAF Museum, not the Air Headquarters.

B. Chaklala (PAF Base Nur Khan) is an operational base, not the headquarters.

C. The Pakistan Air Force headquarters (Air Headquarters) is in Islamabad.

D. Rawalpindi hosts the Army GHQ, not the Air Force headquarters.

Question 8 General Knowledge

The only Hindu State in the World is:

- A. India
- B. Nepal ✓ **Correct answer**
- C. Sri Lanka
- D. Maldives

A. India is a secular republic, not a Hindu state.

B. Nepal was the world's only Hindu kingdom until it was declared a secular state in 2008; it is the textbook answer to this standard GK question.

C. Sri Lanka is a Buddhist-majority republic, not a Hindu state.

D. The Maldives is a Muslim state, not a Hindu state.

Note: Note: PICK-ONE (decided by the assistant under the owner's 8 Nov 2026 delegation): judged strictly at the exam date (20 January 2019), no option is a Hindu state, because

declared secular in 2008, the item is filed on the paper's intended answer — Nepal, the standard textbook answer (the world's only Hindu state before 2008) — with the change recorded openly.

Question 9 General Knowledge

Keenjhar Lake is situated near the city of:

- A. Dadu
- B. Thatta ✓ **Correct answer**
- C. Karachi
- D. Kotri

A. Dadu is the district of Manchar Lake, not Keenjhar.

B. Keenjhar Lake is situated near Thatta in Sindh.

C. Karachi is about 120 km from Keenjhar Lake, not the nearest city.

D. Kotri is a town near Hyderabad, not the city nearest Keenjhar Lake.

Question 10 General Knowledge

Manchar Lake is situated near the city of:

- A. Sehwan ✓ **Correct answer**
- B. Kotri
- C. Dadu
- D. Gambat

A. Manchar Lake, Pakistan's largest freshwater lake, lies near Sehwan Sharif town.

B. Kotri is near Hyderabad, not Manchar Lake.

C. Manchar Lake is in Dadu district, but the nearest city/town named in the options is Sehwan, which sits on the lake's edge.

s in Khairpur district, far from Manchar Lake.

Question 11 General Knowledge

Jamshoro is famous for its:

- A. Educational Institutions ✓ **Correct answer**
- B. Heavy Winds
- C. Sindhology
- D. All of these

A. Jamshoro is known as an education city: the University of Sindh, Mehran University (MUET) and Liaquat University (LUMHS) are all there.

B. Jamshoro is not famous for heavy winds.

C. The Institute of Sindhology is at Jamshoro, so this is also true — but it is not the standard answer to this question.

D. "All of these" fails because (B) Heavy Winds is not true of Jamshoro.

Note: Note: PICK-ONE (decided by the assistant under the owner's 8 Nov 2026 delegation): the item is imperfect as printed because option C (Sindhology) is also true — the Institute of Sindhology is at Jamshoro — but A is the standard textbook answer to "Jamshoro is famous for", so A is picked.

Question 12 General Knowledge

___ is one of the hottest places of the world:

- A. Dadu
- B. Jacobabad ✓ **Correct answer**
- C. Sukkur
- D. Karachi

A. Dadu is hot, but it is not the textbook answer for the world's hottest places.

l in Sindh is among the hottest places on Earth (regularly above 50 °C in summer).

C. Sukkur is hot, but it is not the textbook answer for the world's hottest places.

D. Karachi's coastal climate keeps it cooler than Jacobabad.

Question 13 General Knowledge

Currency of Tunisia is:

- A. Dirham
- B. Pound
- C. Franc
- D. Dinar ✓ **Correct answer**

A. The dirham is the currency of Morocco and the UAE, not Tunisia.

B. The pound is the currency of Egypt and the UK, not Tunisia.

C. Tunisia used the franc before independence, but its currency is now the dinar.

D. The Tunisian dinar is the currency of Tunisia.

Question 14 General Knowledge

Which is the largest desert in the world?

- A. Gibson
- B. Gobi
- C. Sahara ✓ **Correct answer**
- D. Mojave

A. The Gibson Desert in Australia is far smaller than the Sahara.

B. The Gobi is large but smaller than the Sahara.

a is the world's largest hot desert (about 9 million sq km).

D. The Mojave Desert in the USA is far smaller than the Sahara.

Question 15 General Knowledge

What is the average adult pulse rate?

- A. 140 – 150
- B. 115 – 125
- C. 72 – 80 ✓ **Correct answer**
- D. 60 – 70

A. 140–150 beats per minute is far above a normal adult resting pulse.

B. 115–125 beats per minute is above the normal adult resting range.

C. The average adult resting pulse is about 72 beats per minute, inside the 72–80 range.

D. 60–70 is within the normal range (60–100) but below the textbook average of about 72.

Question 16 General Knowledge

The first ever Satellite in Space was launched by:

- A. France
- B. USSR ✓ **Correct answer**
- C. USA
- D. UK

A. France launched its first satellite (Astérix) in 1965, after the USSR.

B. The USSR launched Sputnik 1, the first artificial satellite, on 4 October 1957.

C. The USA launched Explorer 1 in 1958, after Sputnik 1.

D. The UK launched its first satellite (Ariel 1) in 1962, after the USSR.

17 General Knowledge

A mobile phone sends and receives messages through:

- A. Sound Waves
- B. Micro Waves
- C. Ultra Violet Waves
- D. Radio Waves ✓ **Correct answer**

A. Sound waves carry voice through air, not mobile-phone signals.

B. Microwaves are a band of radio waves, but the standard textbook answer for mobile communication is radio waves.

C. Ultraviolet waves are not used for mobile-phone communication.

D. Mobile phones send and receive signals using radio waves.

Question 18 General Knowledge

Who invented the modern computer?

- A. Edison
- B. Charles Babbage ✓ **Correct answer**
- C. Marconi
- D. Jenkins

A. Thomas Edison invented the light bulb and the phonograph, not the computer.

B. Charles Babbage designed the Analytical Engine and is called the father of the (modern) computer.

C. Guglielmo Marconi invented wireless telegraphy (radio), not the computer.

D. No "Jenkins" invented the modern computer.

19 General Knowledge

NSP stand for:

- A. Nutrition Support Program ✓ **Correct answer**
- B. National Support Program
- C. National Science Project
- D. National Support Project

A. NSP is the Nutrition Support Programme of the Sindh Health Department (launched in Sindh in 2018 with World Bank support to curb stunting and malnutrition).

B. No programme of this name is the NSP of the Sindh paper's context; some MCQ banks key B, but the official Sindh programme is the Nutrition Support Programme.

C. No "National Science Project" is abbreviated NSP in this context.

D. No "National Support Project" is abbreviated NSP in this context.

Note: Note: the Sindh programme's official name is "Nutrition Support Programme (NSP)" (PPRA Sindh bidding documents; World Bank/INP reporting).

Question 20 General Knowledge

Qantas is the Airline of:

- A. Australia ✓ **Correct answer**
- B. USA
- C. Singapore
- D. Canada

A. Qantas is the flag carrier of Australia.

B. The USA's flag carrier is not Qantas (American/United/Delta).

C. Singapore's flag carrier is Singapore Airlines, not Qantas.

flag carrier is Air Canada, not Qantas.

Question 21 General Knowledge

Munro Guptill is a:

- A. Cricket player of Sri Lanka
- B. Cricket player of New Zealand ✓ **Correct answer**
- C. Football player of New Zealand
- D. Football player of Australia

A. Neither Munro nor Guptill is Sri Lankan.

B. Both Colin Munro and Martin Guptill are New Zealand cricketers (the stem blends their names).

C. Neither is a footballer.

D. Neither is Australian, and neither is a footballer.

Note: Note: the stem prints "Munro Guptill" (filed as printed) — a blend of Colin Munro and Martin Guptill, both New Zealand cricketers, so the answer is the same either way.

Question 22 General Knowledge

Ricardo Kaka is a:

- A. Cricket player of New Zealand
- B. Ex-Brazilian Football player ✓ **Correct answer**
- C. Cricket player of France
- D. Ex-player of Football Team of Manchester

A. Kaká is not a cricketer.

B. Ricardo Kaká is a former Brazilian footballer.

C. Kaká is not a cricketer and not French.

er played for a Manchester team (he played for São Paulo, AC Milan, Real Madrid and Orlando City).

Question 23 General Knowledge

What was the nationality of Alfred Nobel?

- A. American
- B. British
- C. German
- D. Swedish ✓ **Correct answer**

A. Alfred Nobel was not American.

B. Alfred Nobel was not British.

C. Alfred Nobel was not German.

D. Alfred Nobel (1833–1896), founder of the Nobel Prizes, was Swedish.

Question 24 General Knowledge

Which from the following countries does NOT have Veto-Power:

- A. United States
- B. United Kingdom
- C. Canada ✓ **Correct answer**
- D. France

A. The United States is a permanent member of the UN Security Council with veto power.

B. The United Kingdom is a permanent member of the UN Security Council with veto power.

C. Canada is not a permanent member of the UN Security Council and has no veto power.

D. France is a permanent member of the UN Security Council with veto power.

25 General Knowledge

The permanent Secretariat of SAARC is located in:

- A. Islamabad, Pakistan
- B. New Delhi, India
- C. Kathmandu, Nepal ✓ **Correct answer**
- D. Colombo, Sri Lanka

A. Islamabad hosts no SAARC secretariat.

B. New Delhi hosts no SAARC secretariat.

C. The SAARC Secretariat is permanently located at Kathmandu, Nepal.

D. Colombo hosts no SAARC secretariat.

Question 26 General Knowledge

The Largest Continent (by Area) of the World is:

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

A. Asia is the largest continent by area (about 44.6 million sq km).

B. Europe is much smaller than Asia.

C. Africa is the second-largest continent, smaller than Asia.

D. North America is smaller than both Asia and Africa.

Question 27 General Knowledge

Which country is called the "Land of Golden Fibre"?

- B. South Korea
- C. Bangladesh ✓ **Correct answer**
- D. India

A. The United States is not called the Land of Golden Fibre.

B. South Korea is not called the Land of Golden Fibre.

C. Bangladesh is called the Land of Golden Fibre because jute (the golden fibre) is its major cash crop.

D. India also grows jute, but the title "Land of Golden Fibre" belongs to Bangladesh.

Question 28 General Knowledge

The capital of Czech Republic is:

- A. Nicosia
- B. Dublin
- C. Bern
- D. Prague ✓ **Correct answer**

A. Nicosia is the capital of Cyprus, not the Czech Republic.

B. Dublin is the capital of Ireland, not the Czech Republic.

C. Bern is the capital of Switzerland, not the Czech Republic.

D. Prague is the capital of the Czech Republic.

Question 29 General Knowledge

Manora famous for tourism is the name of:

- A. Hilly area
- B. Island ✓ **Correct answer**

- D. Valley

A. Manora is not a hilly area.

B. Manora is a small island off Karachi, famous for tourism (Manora beach and lighthouse).

C. Manora is not a mountain.

D. Manora is not a valley.

Question 30 General Knowledge

Bhambore is an Archaeological site located in:

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

A. Bhambore is not in Punjab.

B. Bhambore is not in Khyber Pakhtunkhwa.

C. Bhambore (Bhanbore) is an archaeological site in Thatta district, Sindh.

D. Bhambore is not in Balochistan.

Question 31 General Knowledge

Darawar Fort is located in the area of:

- A. Umar Kot (Sindh)
- B. Peshawar (Khyber Pakhtunkhwa)
- C. Bahawalpur (Punjab) ✓ **Correct answer**
- D. Quetta (Balochistan)

s in Sindh, but Derawar Fort is not there.

B. Derawar Fort is not in Peshawar.

C. Derawar Fort is in the Cholistan Desert near Bahawalpur, Punjab.

D. Derawar Fort is not in Quetta.

Note: Note: the stem prints "Darawar Fort" (filed as printed); the fort is Derawar Fort.

Question 32 General Knowledge

What is the duration of Football game?

- A. 105 minutes
- B. 60 minutes
- C. 75 minutes
- D. 90 minutes ✓ **Correct answer**

A. A football match is not 105 minutes (that is 90 minutes plus extra time, not the standard duration).

B. 60 minutes is the duration of a basketball or ice-hockey game, not football.

C. A football match is not 75 minutes.

D. A standard football match lasts 90 minutes (two halves of 45 minutes).

Question 33 General Knowledge

What is the maximum number of players in a team of basketball game?

- A. 04
- B. 05 ✓ **Correct answer**
- C. 06
- D. 07

all team fields 5 players, not 4.

B. A basketball team has 5 players on the court.

C. A basketball team fields 5 players, not 6.

D. A basketball team fields 5 players, not 7.

Question 34 General Knowledge

Nelson Mandela was the President of which country?

- A. Ethiopia
- B. Zambia
- C. Ghana
- D. South Africa ✓ **Correct answer**

A. Nelson Mandela was not President of Ethiopia.

B. Nelson Mandela was not President of Zambia.

C. Nelson Mandela was not President of Ghana.

D. Nelson Mandela was the President of South Africa (1994–1999).

Question 35 General Knowledge

The term 'Billion' is an expression of which of the following?

- A. Ten lakhs
- B. Ten million
- C. Hundred lakhs
- D. Hundred crores ✓ **Correct answer**

A. Ten lakhs is 1 million, not 1 billion.

B. Ten million is 1 crore, not 1 billion.

lakhs is 1 crore, not 1 billion.

D. In the South Asian numbering system, 1 billion equals 100 crores (1 arab).

Question 36 General Knowledge

Which is the shortest day of a year?

- A. 28th December
- B. 25th December
- C. 22nd December ✓ **Correct answer**
- D. 15th December

A. 28 December is after the winter solstice, so the day is already lengthening.

B. 25 December is after the winter solstice, so it is not the shortest day.

C. In the northern hemisphere the shortest day falls on the winter solstice, about 21–22 December (the textbook date is 22 December).

D. 15 December is before the winter solstice, so it is not the shortest day.

Question 37 General Knowledge

Which animal can live longest without water?

- A. Cat
- B. Rat
- C. Elephant
- D. Camel ✓ **Correct answer**

A. A cat cannot survive long without water.

B. An ordinary rat cannot survive long without water.

C. An elephant needs large amounts of water daily and cannot survive long without it.

l is the standard textbook answer: it can survive for days without water in the desert.

Note: Note: the kangaroo rat is the true record-holder (it can live without drinking water at all), but it is not among the options; among the options, the camel is the intended answer.

Question 38 General Knowledge

The Bolshevik Revolution is associated with:

- A. Italy
- B. Russia ✓ **Correct answer**
- C. France
- D. Germany

A. The Bolshevik Revolution was not in Italy.

B. The Bolshevik (October) Revolution of 1917 took place in Russia.

C. The French Revolution was in France; the Bolshevik Revolution was in Russia.

D. The Bolshevik Revolution was not in Germany.

Question 39 Mathematics

1, 2, 4, 8, 16, ?

- A. 20
- B. 24
- C. 28
- D. 32 ✓ **Correct answer**

A. The sequence doubles each time (1, 2, 4, 8, 16), so the next term is 32, not 20.

B. 24 does not continue the doubling pattern.

ot continue the doubling pattern.

D. Each term is twice the previous one (1 × 2 = 2, 2 × 2 = 4, 4 × 2 = 8, 8 × 2 = 16), so the next term is 16 × 2 = 32.

Question 40 Mathematics

64, 32, 16, 8, ?

- A. 0
- B. 1
- C. 2
- D. 4 ✓ **Correct answer**

A. The sequence halves each time, so the next term is 4, not 0.

B. 1 would follow 2, not 8.

C. 2 would follow 4, not 8.

D. Each term is half the previous one (64 ÷ 2 = 32, 32 ÷ 2 = 16, 16 ÷ 2 = 8), so the next term is 8 ÷ 2 = 4.

Question 41 Mathematics

3/4 + 5/8 - 1/2 =

- A. 0.15
- B. 1.33
- C. 0.87 ✓ **Correct answer**
- D. 0.63

A. 3/4 + 5/8 − 1/2 = 7/8 = 0.875, not 0.15.

B. 7/8 = 0.875, not 1.33.

C. 3/4 = 6/8, so 6/8 + 5/8 − 4/8 = 7/8 = 0.875, which rounds to 0.87 — the nearest option.

5, not 0.65.

Question 42 Mathematics

What is the Square Root of 625?

- A. 17
- B. 18
- C. 21
- D. 25 ✓ **Correct answer**

A. $17^2 = 289$, not 625.

B. $18^2 = 324$, not 625.

C. $21^2 = 441$, not 625.

D. $25^2 = 625$, so the square root of 625 is 25.

Question 43 Mathematics

Which of the following ratios is the largest?

- A. 7 : 15
- B. 15 : 23
- C. 17 : 25
- D. 21 : 29 ✓ **Correct answer**

A. 7/15 ≈ 0.467, the smallest of the four.

B. 15/23 ≈ 0.652, less than 21/29.

C. 17/25 = 0.68, less than 21/29 (≈ 0.724).

D. 21/29 ≈ 0.724, the largest of the four ratios.

44 Mathematics

Find the missing number? 1, 3, 9, 27, 81, ____

- A. 118
- B. 187
- C. 243 ✓ **Correct answer**
- D. 221

A. The sequence multiplies by 3 each time, so the next term is 243, not 118.

B. 187 does not continue the ×3 pattern.

C. Each term is 3 times the previous one (1 × 3 = 3, 3 × 3 = 9, 9 × 3 = 27, 27 × 3 = 81), so the next term is 81 × 3 = 243.

D. 221 does not continue the ×3 pattern.

Note: Note: the print lays the sequence out as "Find the missing number? (A) 1, 3, 9, 27, 81, ____" with a stray "(A)" before the sequence — the sequence is filed in the stem.

Question 45 Mathematics

Find the missing number? 102, 109, 116, 123, 130, ...?

- A. 135
- B. 137 ✓ **Correct answer**
- C. 141
- D. 132

A. The sequence increases by 7 each time, so the next term is 137, not 135.

B. Each term is 7 more than the previous one (102 + 7 = 109, 109 + 7 = 116, 116 + 7 = 123, 123 + 7 = 130), so the next term is 130 + 7 = 137.

C. 141 is 11 more than 130, breaking the +7 pattern.

y 2 more than 130, breaking the +7 pattern.

Question 46 Mathematics

What is the Square Root of 729?

- A. 17
- B. 19
- C. 24
- D. 27 ✓ **Correct answer**

A. $17^2 = 289$, not 729.

B. $19^2 = 361$, not 729.

C. $24^2 = 576$, not 729.

D. $27^2 = 729$, so the square root of 729 is 27.

Question 47 Mathematics

$2(x^2 + y^2 + xy) =$

- A. $2xy + 2y^2$
- B. $2x^2 + 2y^2 + 2xy$ ✓ **Correct answer**
- C. $2x^2 + y^2 + 2xy^2$
- D. $x^2 + y^2 + 2xy$

A. Expanding $2(x^2 + y^2 + xy)$ gives $2x^2 + 2y^2 + 2xy$; this option is missing the $2x^2$ term.

B. Distributing the 2 across the bracket: $2 \cdot x^2 + 2 \cdot y^2 + 2 \cdot xy = 2x^2 + 2y^2 + 2xy$.

C. This option has y^2 (not $2y^2$) and $2xy^2$ (not $2xy$), so it is wrong.

D. This is $(x + y)^2$, not $2(x^2 + y^2 + xy)$; it is missing a factor of 2 on x^2 and y^2.

Note: Note: the print writes "2y2" / "2x2" for "$2y^2$" / "$2x^2$" (filed with superscripts).

48 Mathematics

What is 3% of 20?

- A. 0.7
- B. 0.6 ✓ **Correct answer**
- C. 0.5
- D. 0.4

A. 3% of 20 = 3/100 × 20 = 0.6, not 0.7.

B. 3% of 20 = 0.03 × 20 = 0.6.

C. 0.5 is 2.5% of 20, not 3%.

D. 0.4 is 2% of 20, not 3%.

Question 49 Mathematics

Convert .09 into percentage:

- A. 91%
- B. 9% ✓ **Correct answer**
- C. 19%
- D. .09%

A. 0.09 as a percentage is 9%, not 91%.

B. 0.09 × 100 = 9%.

C. 0.09 as a percentage is 9%, not 19%.

D. 0.09% equals 0.0009, not 0.09.

Question 50 Mathematics

Find the cost price of a book, when it is sold for Rs. 48 and the gain is 20%.

- B. Rs. 40 ✓ **Correct answer**
- C. Rs. 50
- D. Rs. 60

A. At a cost price of Rs. 30, a 20% gain would give a selling price of Rs. 36, not Rs. 48.

B. Cost price = 48 ÷ 1.20 = Rs. 40 (selling price Rs. 48 = Rs. 40 + 20% of Rs. 40).

C. At a cost price of Rs. 50, a 20% gain would give a selling price of Rs. 60, not Rs. 48.

D. At a cost price of Rs. 60, a 20% gain would give a selling price of Rs. 72, not Rs. 48.

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