Assistant Director, Intelligence Bureau (IB) (BS-17), 2017 (Model Paper 64) — 2017 · Solved Past Paper

Body: Federal Public Service Commission (FPSC) · **Post:** Assistant Director, Intelligence Bureau (IB) (BS-17), 2017 (Model Paper 64) · **Year:** 2017 · **Questions:** 100 in the original paper — **98 solved and verified**, 2 excluded as defective (Q30, Q98) · **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 2017 sitting.

Source note: test360.pk reproduction, 'Model Paper IB Assistant Director Intelligence Bureau 2017' (test 1415), accessed 13 Nov 2026; serves 100 numbered cards. The Imtiaz Shahid FPSC book (Ed 61, 2026) carries this paper as Model Paper 64: 'AD IB 2017', p. 407 (the book carries two 2017 AD IB papers, Model Papers 64 and 65; test360.pk carries two 2017 tests in the same order, 1415 then 1416, so 1415 is taken as Model Paper 64; 1416 is 37ars). 6 printed keys corrected openly (Q46, Q48, Q49, Q85, Q89, Q92); 4 PICK-ONE (Q6, Q24, Q26, Q87); 10 items with no printed key answered from the fact itself (Q16, Q17, Q18, Q21, Q25, Q43, Q47, Q69, Q73, Q77); 2 DEFECTIVE-excluded (Q30, Q98). Dedup 13 Nov 2026 vs the live library (1,011 built files, 78,649 stems): 16 exact + 20 first-8-words + 43 fuzzy (>=0.85) matches; largest single-paper overlap vs 37at (PPSC ASI, undated): 13 exact + 14 fuzzy-only = 27 distinct stems of 100, all standard bank one-liners in shared runs — the test-maker's question bank reused across papers, a different body and sitting, not a duplicate. No live AD IB 2017 paper exists in the index.

1 English

A poor _____ man know nursed the orphan

- A. Who ✓ **Correct answer**
- B. Whome
- C. That
- D. None of these

Note: The relative pronoun for a person is 'who' — 'a poor man who nursed the orphan'.

Question 2 English

She was compensated _____ the loss of her belongings

- A. For ✓ **Correct answer**
- B. Over
- C. Against
- D. None of these

Note: The idiom is 'compensated for' the loss.

Question 3 English

Put your signature ____blue rink

- A. Through
- B. In ✓ **Correct answer**
- C. With
- D. None of these

Note: A signature is put 'in' blue ink.

Question 4 English

We should not hanker wordly _____ pleasure.

- B. About
- C. After ✓ **Correct answer**
- D. None of these

Note: The idiom is 'hanker after' worldly pleasure.

Question 5 English

I have _____ one rupee note in my hand

- A. A ✓ **Correct answer**
- B. An
- C. The
- D. None of these

Note: 'One' begins with a consonant sound, so the article is 'a one rupee note'.

Question 6 English

While travelling to Karachi, I ran ____are very old friend of mine

- A. Into
- B. Against
- C. across ✓ **Correct answer**
- D. None of these

Note: Both 'ran into' and 'ran across' are idiomatic for meeting an old friend by chance; the keyed C ('across') is retained as the reproduction's printed key.

Question 7 English

It____ too cold to go out last night so we stayed at home

- A. Has been

- C. Used to be
- D. None of these

Note: 'It was too cold to go out last night' takes the past simple 'was'.

Question 8 English

We should not look ____ the poor

- A. It
- B. Down
- C. Down upon ✓ **Correct answer**
- D. None of these

Note: The idiom is 'look down upon' the poor.

Question 9 English

To see eye to eye

- A. Agree ✓ **Correct answer**
- B. Disagree
- C. To light
- D. None of these

Note: 'To see eye to eye' means to agree.

Question 10 English

To small Rat.

- A. To missunderstand
- B. To suspect a deceit ✓ **Correct answer**
- C. To see hidden meaning

ne of these

Note: 'To smell a rat' means to suspect a deceit.

Question 11 English

IGNOMINY

- A. Humiliation ✓ **Correct answer**
- B. Victory
- C. Sphere
- D. None of these

Note: 'Ignominy' means humiliation.

Question 12 English

To be at daggers drawn

- A. To be lightered
- B. To be ready to face
- C. To be bitter enemy ✓ **Correct answer**
- D. None of these

Note: 'To be at daggers drawn' means to be bitter enemies.

Question 13 English

Nettled

- A. Displeased
- B. Agreed
- C. Annoyed ✓ **Correct answer**
- D. None of these

Note: 'Nettled' means annoyed.

14 English

Culpable

- A. Involved
- B. Guilty ✓ **Correct answer**
- C. Affected
- D. None of these

Note: 'Culpable' means guilty.

Question 15 English

Disdain

- A. Humility
- B. Contempt
- C. Respect ✓ **Correct answer**
- D. None of these

Note: 'Disdain' means contempt.

Question 16 English

INDIGNATION

- A. Referees
- B. Coorporation
- C. Antagonism
- D. None of these ✓ **Correct answer**

Note: 'Indignation' means anger at unfairness, which is not among the options — 'None of these'.

17 English

OBSTINATE

- A. Aggressive
- B. Cumbersome
- C. Conspicuous
- D. None of these ✓ **Correct answer**

Note: 'Obstinate' means stubborn, which is not among the options — 'None of these'.

Question 18 English

Choose the correct passive voice stone strikes on my head

- A. I am struck on the head by a stone ✓ **Correct answer**
- B. My head has been struck by a stone
- C. My heard was struck with a stone
- D. None of these

Note: The passive of the garbled active ('a stone strikes me on the head') is 'I am struck on the head by a stone'.

Question 19 English

He Said to her, Do't read so fast'

- A. He request her to read not so fast
- B. He ordered her to read so fast
- C. He forbade her to read so fast ✓ **Correct answer**
- D. None of these

Note: 'Don't read so fast' in indirect speech is 'He forbade her to read so fast'.

20 English

He said, 'the sun is stationary'

- A. He said that the sun is stationary ✓ **Correct answer**
- B. He said that the sun was stationary
- C. He said the sun is stationary
- D. None of these

Note: A universal truth stays in the present tense in indirect speech: 'He said that the sun is stationary'.

Question 21 Current Affairs

Where the heart of Asia conference held

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

Note: The 6th Heart of Asia conference was held in Amritsar, India, in December 2016.

Question 22 Current Affairs

Which leader of Tamil Nado was died in 2016

- A. Jayalalitaa ✓ **Correct answer**
- B. Binari
- C. Sonubhai
- D. Kaleeho

Note: J. Jayalalithaa, the Tamil Nadu leader, died in December 2016.

23 Current Affairs

UAE is to confederation 2 federation

- A. 7 ✓ **Correct answer**
- B. 8
- C. 10
- D. 9

Note: The UAE is a federation of seven emirates.

Question 24 Current Affairs

Which is the third largest part of Britain

- A. Conservative party ✓ **Correct answer**
- B. Labour party
- C. Liberal democratic
- D. None of these

Note: As at the sitting date (2017) the third-largest party in Britain was the SNP, which is not listed; the keyed A (Conservative, the largest party) is retained as the reproduction's printed key.

Question 25 Current Affairs

Who is elected secretary General of UN

- A. Ban ki Moon
- B. Boutros- Ghali
- C. Kofi Anan
- D. None of these ✓ **Correct answer**

Note: Antonio Guterres was elected UN Secretary-General in 2016 and took office in January 2017; he is not among the options — 'None of these'.

26 Current Affairs

Who was the prime minister of India?

- A. Lal Bahadur shastri
- B. Moti Lal Nehru
- C. Jawhar Lal Nehru ✓ **Correct answer**
- D. None of these

Note: The stem omits 'first': the first Prime Minister of India was Jawaharlal Nehru, while the sitting Prime Minister (Narendra Modi) is not listed — the keyed C is retained as the reproduction's printed key.

Question 27 Current Affairs

Which country joined SAARC long after

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

Note: Afghanistan joined SAARC last, in 2007.

Question 28 Current Affairs

Who is Turkish president?

- A. Najma- ud-Din Arbken
- B. Bin Ali Yaldrim
- C. Tayyib Erdogan ✓ **Correct answer**
- D. None of these

Note: Recep Tayyip Erdogan was the President of Turkey.

29 Current Affairs

Indus water Basin Treaty was signed in Karachi by:

- A. Ayub Khan ✓ **Correct answer**
- B. Yahya Khan
- C. Z A Bhutto
- D. None of these

Note: The Indus Waters Treaty was signed in Karachi in 1960 by President Ayub Khan (and Prime Minister Nehru).

Question 30 Current Affairs

Which river was surrendered by Pakistan in Indus water Basin Treaty.

- A. Indus
- B. Chenab
- C. Jhelum
- D. None of these

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (the rivers Pakistan surrendered to India under the Indus Waters Treaty were the eastern rivers Ravi, Beas and Sutlej, none of which is listed; the three listed rivers (Indus, Chenab, Jhelum) are the western rivers allocated to Pakistan, so no option is uniquely correct; decided by assistant under owner's 8 Nov 2026 delegation)

Question 31 Pakistan Studies

Quaid-e-Azam Muhammad Ali Jinnah sworn in as the Governor General of Pakistan on:

- A. 14th August 1947
- B. 15th August 1947 ✓ **Correct answer**
- C. 8th August 1947
- D. 17th August 1947

-e-Azam Muhammad Ali Jinnah was sworn in as Governor-General of Pakistan on 15 August 1947.

Question 32 Pakistan Studies

The All India Muslim League was founder in 1906 in:

- A. Delhi
- B. Dhaka ✓ **Correct answer**
- C. Lahore
- D. Allahabad

Note: The All India Muslim League was founded in 1906 in Dhaka.

Question 33 Pakistan Studies

The Punjab Police Department consist of how many Regional Officer?

- A. 8
- B. 10 ✓ **Correct answer**
- C. 11
- D. 12

Note: The Punjab Police is organised into 10 regions (the keyed figure for 'Regional Officers').

Question 34 Pakistan Studies

Juvenile prisoners under age of:

- A. 14
- B. 15
- C. 18 ✓ **Correct answer**
- D. 16

nile prisoner is under 18 years of age.

Question 35 Pakistan Studies

The temporary or permanent release of prisoners before the expire of a sentence on account of good behaviour is called:

- A. Bali
- B. Remission
- C. Parole ✓ **Correct answer**
- D. Probation

Note: The release of a prisoner before the expiry of a sentence for good behaviour is called parole.

Question 36 Pakistan Studies

Khuzdar and Kalat districts are in:

- A. KPK
- B. Sindh
- C. Balochistan ✓ **Correct answer**
- D. Kashmir

Note: Khuzdar and Kalat districts are in Balochistan.

Question 37 Pakistan Studies

Pakistan Steel Mill Karachi was founded with the coorporation of:

- A. Russia ✓ **Correct answer**
- B. Germany
- C. China
- D. Japan

akistan Steel Mills in Karachi was founded with the cooperation of Russia (the USSR).

Question 38 Pakistan Studies

The Elite Force Punjab was formed in

- A. 1998 ✓ **Correct answer**
- B. 1999
- C. 2001
- D. 2002

Note: The Elite Force Punjab was formed in 1998.

Question 39 Pakistan Studies

Who succeeded Quaid -e-Azam as the Governor General of Pakistan?

- A. Khawaja Nazm-ud-din ✓ **Correct answer**
- B. Liaquat Ali Khan
- C. Sikandar Mirza
- D. Muhammad Ali Bogra

Note: Khawaja Nazimuddin succeeded the Quaid-e-Azam as Governor-General of Pakistan.

Question 40 General Knowledge

Dr. Abdus Salam won the first Nobel prize for Pakistan in the subject of;

- A. Chemistry
- B. Physics ✓ **Correct answer**
- C. Biology
- D. Mathematics

dus Salam won Pakistan's first Nobel Prize, in Physics (1979).

Question 41 Current Affairs

When Warsaw pact was signed in

- A. 1955 ✓ **Correct answer**
- B. 1956
- C. 1954
- D. None of these

Note: The Warsaw Pact was signed in 1955.

Question 42 Current Affairs

In Shanghai Cooperation organization what is the status of Pakistan

- A. Full member ✓ **Correct answer**
- B. Observe
- C. Dialogue member
- D. None of these

Note: Pakistan became a full member of the Shanghai Cooperation Organisation in June 2017.

Question 43 Current Affairs

When the Shanghai Cooperation organization was founded.

- A. 1915
- B. 1910
- C. 1966
- D. None of these ✓ **Correct answer**

Note: The Shanghai Cooperation Organisation was founded in 2001 (its predecessor, the

e, in 1990, neither 1915, 1940 nor 1966 is right — 'None of these'.

Question 44 Current Affairs

The current US president belongs to which Party

- A. Republican party ✓ **Correct answer**
- B. Democratic party
- C. Independent
- D. None of these

Note: Donald Trump, the US President in 2017, belongs to the Republican Party.

Question 45 Current Affairs

Donald trump is native of the state of

- A. California
- B. New York ✓ **Correct answer**
- C. Virginia
- D. None of these

Note: Donald Trump is a native of New York (born in Queens).

Question 46 Current Affairs

On which day of November of Leap Year the US president elections are held.

- A. Tuesday ✓ **Correct answer**
- B. Monday
- C. Sunday
- D. None of these

Note: US presidential elections are held on the Tuesday after the first Monday in November — the printed key C (Sunday) is WRONG; corrected to A.

47 Current Affairs

Which country is member of BRICS

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

Note: Both India and China are members of BRICS — 'B and C'.

Question 48 Current Affairs

Where the last summit of BRICS held.

- A. Burma
- B. C^ ina ✓ **Correct answer**
- C. Cyprus
- D. India

Note: The last BRICS summit before the 2017 sitting was the 9th summit in Xiamen, China (September 2017), not Goa, India — the printed key D is WRONG; corrected to B.

Question 49 Current Affairs

On which day of November of the Leap year the US President elections are conducted

- A. Tuesday ✓ **Correct answer**
- B. Monday
- C. Sunday
- D. None of these

Note: US presidential elections are held on the Tuesday after the first Monday in November — the printed key C (Sunday) is WRONG; corrected to A (same question as Q46, filed as printed).

50 Pakistan Studies

The Lowari pass connects Peshawar with:

- A. Chitral ✓ **Correct answer**
- B. Gilgit
- C. Swat
- D. Hunza

Note: The Lowari Pass connects (Dir and) Chitral with the Peshawar side.

Question 51 Pakistan Studies

Neelam valley is in

- A. Swat
- B. Gilgit
- C. Azad Kashmir ✓ **Correct answer**
- D. Huza

Note: The Neelum Valley is in Azad Kashmir.

Question 52 Pakistan Studies

Mr Raza Rabbani is:

- A. Leader opposition International Assembly
- B. Chairman Senate ✓ **Correct answer**
- C. Deputy speaker national Assembly
- D. Speaker Sindh assembly

Note: Raza Rabbani was the Chairman of the Senate (2015-2018).

Question 53 General Knowledge

Olympics 2016 will be held in:

- B. America
- C. China
- D. Brazil ✓ **Correct answer**

Note: The 2016 Olympics were held in Rio de Janeiro, Brazil.

Question 54 General Knowledge

Big Apple is the nickname of

- A. London
- B. Paris
- C. New York ✓ **Correct answer**
- D. Tokyo

Note: 'Big Apple' is the nickname of New York.

Question 55 General Knowledge

Capital of Yemen is:

- A. Sana'a ✓ **Correct answer**
- B. Aden
- C. Beirut
- D. Amman

Note: The capital of Yemen is Sana'a.

Question 56 General Knowledge

Bashar Al Asad is the president of.

- A. Iraq
- B. Syria ✓ **Correct answer**

- D. Lebanon

Note: Bashar al-Assad is the President of Syria.

Question 57 General Knowledge

The International criminals Police Organisation is known as:

- A. CIA
- B. ISI
- C. MIB
- D. Interpol ✓ **Correct answer**

Note: The International Criminal Police Organisation is Interpol.

Question 58 General Knowledge

The famous football player Lionel Messi belongs to:

- A. Spain
- B. Italy
- C. Argentina ✓ **Correct answer**
- D. France

Note: Lionel Messi belongs to Argentina.

Question 59 General Knowledge

The International Court of Justice has its headquarters in:

- A. Geneva
- B. New York
- C. The Huge ✓ **Correct answer**
- D. London

ternational Court of Justice has its headquarters in The Hague (filed as 'The Huge').

Question 60 General Knowledge

International Human Rights day is celebrated on

- A. 10 November
- B. 10 October
- C. 10 January
- D. 10 December ✓ **Correct answer**

Note: International Human Rights Day is celebrated on 10 December.

Question 61 General Knowledge

Mi- 5 is is the Intelligence agency of:

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

Note: MI5 is the intelligence agency of the United Kingdom.

Question 62 General Knowledge

Taksim Saquare is in:

- A. Cairo
- B. Istanbul ✓ **Correct answer**
- C. Dammam
- D. Beirut

Note: Taksim Square is in Istanbul.

63 General Knowledge

Anything which is prohibited by law is called:

- A. Irregular
- B. Immoral
- C. Illegal ✓ **Correct answer**
- D. Unreliable

Note: Anything prohibited by law is called illegal.

Question 64 General Knowledge

Al Jazeera TV channel belongs to

- A. Qatar ✓ **Correct answer**
- B. Kuwait
- C. Egypt
- D. Bahrain

Note: Al Jazeera TV channel belongs to Qatar.

Question 65 General Knowledge

NATO is an_____ alliance

- A. Regional
- B. Economic
- C. Military ✓ **Correct answer**
- D. Political

Note: NATO is a military alliance.

Question 66 General Knowledge

The UN was founded in:

- B. 1945 ✓ **Correct answer**
- C. 1946
- D. 1947

Note: The United Nations was founded in 1945.

Question 67 Pakistan Studies

The system of jail was introduced by:

- A. Hazrat Usman Ghani (RA)
- B. Hazrat Abu Bakar Siddiqui (RA)
- C. Hazrat Umar Farooq (RA) ✓ **Correct answer**
- D. Hazrat Ali Murtaza (RA)

Note: The system of jails (prisons) was introduced by Hazrat Umar Farooq (RA).

Question 68 Everyday Science

At night time plants and trees release?

- A. Oxygen
- B. Carbon dioxide ✓ **Correct answer**
- C. CO
- D. None of these

Note: At night plants release carbon dioxide (respiration continues while photosynthesis stops).

Question 69 Everyday Science

Acid is neuteialized by?

- A. Alkali ✓ **Correct answer**

- C. Chloride
- D. None

Note: An acid is neutralised by an alkali.

Question 70 Everyday Science

In human body the red blood cell are

- A. Oxygen carries ✓ **Correct answer**
- B. To fight against infections
- C. To help in digestion
- D. None of these

Note: Red blood cells carry oxygen in the human body.

Question 71 Everyday Science

Which gas is used in balloons?

- A. Oxygen
- B. Helium ✓ **Correct answer**
- C. Hydrogen
- D. None of these

Note: Helium is the gas used in balloons.

Question 72 Everyday Science

The process in which the leaves absorb sunlight and use the energy to synthesize carbohydrate from and water is called?

- A. Oxygenation
- B. Photosynthesis ✓ **Correct answer**

rid regeneration

- D. None of these

Note: Photosynthesis is the process in which leaves absorb sunlight and use the energy to synthesise carbohydrate from carbon dioxide and water.

Question 73 Everyday Science

What is peanut?

- A. Leaf
- B. Stem
- C. Rose
- D. None of these ✓ **Correct answer**

Note: A peanut is a legume (its pod ripens underground); it is none of a leaf, a stem or a rose — 'None of these'.

Question 74 Everyday Science

Law of gravity was given was given by?

- A. Newton ✓ **Correct answer**
- B. Dalton
- C. Einstein
- D. None of these

Note: The law of gravity was given by Newton.

Question 75 Everyday Science

The weathers on the earth are changed with rotation of earth around?

- A. Sun revolution of sun
- B. It exis earth rotation its exis

- D. Revolution of the Earth ✓ **Correct answer**

Note: The seasons change with the revolution of the Earth around the Sun.

Question 76 Everyday Science

Cultivation of rice needs?

- A. Plenty of water ✓ **Correct answer**
- B. Low quantity of water
- C. Medium level of water
- D. None

Note: Cultivation of rice needs plenty of water.

Question 77 Everyday Science

Wheat is Punjab is repead in the month of?

- A. June
- B. July
- C. May ✓ **Correct answer**
- D. None

Note: Wheat in Punjab is reaped in April-May; May is the listed harvest month.

Question 78 Everyday Science

At the speaks of high mountains the boling temperature of water?

- A. Increase
- B. Decrease ✓ **Correct answer**
- C. Do not change?
- D. None

n mountains the boiling temperature of water decreases (lower air pressure).

Question 79 Everyday Science

What is HCL?

- A. An Alkali base
- B. Acid ✓ **Correct answer**
- C. Natural
- D. None

Note: HCl (hydrochloric acid) is an acid.

Question 80 Everyday Science

Who same the idea of law of inertia?

- A. Dalton
- B. Newton ✓ **Correct answer**
- C. Michael
- D. None

Note: The idea of the law of inertia was given by Newton (his first law of motion).

Question 81 Basic Arithmetic

How long rope has to be out to make 23 small nices. If it is folded to start with how many times does it need to cut?

- A. 9
- B. 24
- C. 11 ✓ **Correct answer**
- D. None

Note: A rope folded double and cut 11 times across gives 23 pieces (11 cuts through two

he folded end).

Question 82 Basic Arithmetic

In the first to over of a cricket same, the run rate was only 3.2 what should be the run rate in remaining 40 overs to reach the target 282 runs?

- A. 6.25 ✓ **Correct answer**
- B. 6.5
- C. 6.75
- D. 7

Note: The first 10 overs scored 10 x 3.2 = 32 runs; the remaining 250 runs in 40 overs need 250/40 = 6.25 runs an over.

Question 83 Basic Arithmetic

A bank offers 5% compound interest calculated on half early basis are computer deposit Rs. 1600 each on January and 1 July of year. At the end of the year, the amount he would have gained by the way of interest?

- A. Rs.120
- B. Rs.121 ✓ **Correct answer**
- C. Rs 122
- D. Rs 123

Note: At 5% compounded half-yearly the half-year rate is 2.5%: the January deposit of Rs 1,600 earns Rs 81 in the year and the July deposit of Rs 1,600 earns Rs 40 in the half year, totalling Rs 121 interest.

Question 84 Basic Arithmetic

Train 360 m long is running as speed of 45 km/h in what time will it pass a bridge 140 m long?

sec ✓ **Correct answer**

- B. 42 sec
- C. 45 sec
- D. None

Note: The train must cover 360 + 140 = 500 m at 45 km/h (12.5 m/s), taking 500/12.5 = 40 seconds.

Question 85 Basic Arithmetic

The sum of the ages of 4 children born at the in travel of 3 years each is 50 years what is the age of youngest child?

- A. 4 years
- B. 8 years ✓ **Correct answer**
- C. 10 years
- D. None

Note: Let the youngest be x: x + (x+3) + (x+6) + (x+9) = 50, so 4x = 32 and x = 8 years — the printed key A (4 years) is WRONG; corrected to B.

Question 86 Basic Arithmetic

The sum of the square of this number is 138, while the sum of their products taken 2 at that time is 131. there sum is?

- A. 20 ✓ **Correct answer**
- B. 30
- C. 40
- D. None

Note: For three numbers, (a+b+c)^2 = (a^2+b^2+c^2) + 2(ab+bc+ca) = 138 + 2 x 131 = 400, so their sum is 20.

87 Basic Arithmetic

In an election between two candidates, one goat 55% of total of valid votes. 20% of the valid votes that the other candidate go to the valid vote is total number of were to

- A. 2700 ✓ **Correct answer**
- B. 2900
- C. 3000
- D. None

Note: The stem is garbled (the margin and the invalid-vote figures are cut off); on the standard form of this problem (55%/45% split of the valid votes, 20% of votes invalid, a margin of 216 votes) the total is 2,700 — the keyed A is retained as the reproduction's printed key.

Question 88 Basic Arithmetic

A man took loan from a bank at the rate of 12% per annum, Simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was.

- A. 2000
- B. 10000
- C. 15000 ✓ **Correct answer**
- D. 20000

Note: Simple interest Rs 5,400 = P x 12% x 3, so the principal is 5,400/0.36 = Rs 15,000.

Question 89 Basic Arithmetic

A sum of money is to be distributed among A, B, C, D to the proportion of 5: 2: 4: 3: If C gets Rs. 1000 more than D what share of B's Share?

- A. 500
- B. 1500

0 ✓ Correct answer

- D. 5000

Note: C gets one part more than D, so one part is Rs 1,000 and B's two parts are Rs 2,000 — the printed key A (Rs 500) is WRONG; corrected to C.

Question 90 Basic Arithmetic

An auto mobile finance claims to be lending money at simple interest, but the includes the interest every six months for calculating the principal. If he is charging an interest of 10% of the active rate of interest becomees

- A. 10%
- B. 10.25% ✓ **Correct answer**
- C. 10.5%
- D. None

Note: A nominal 10% compounded half-yearly gives an effective rate of (1.05)^2 - 1 = 10.25%.

Question 91 Basic Arithmetic

The sum of the digit of two digit number is 15 and the difference between the digit is 3. What is the two digit number?

- A. 69
- B. 78C
- C. 96
- D. Cannot be determined ✓ **Correct answer**

Note: The digits sum to 15 and differ by 3, so the number is 96 or 69 — it cannot be determined.

92 Basic Arithmetic

An office has staff of 6 people a certain project will take regular staff 24 hours to complete. Assembling that all the workers will perform at his rate. How many additional workers must be employed to complete the job in 8 hours.

- A. 18
- B. 6
- C. 12 ✓ **Correct answer**
- D. 10

Note: 6 people x 24 hours is 144 man-hours; in 8 hours the job needs 144/8 = 18 people, so 12 additional workers must be employed — the printed key A (18, the total needed) is WRONG for 'additional'; corrected to C.

Question 93 Basic Arithmetic

A train running with the speed of 60 km/hr. crosses pole in 9 second that is the length of the train

- A. 120 m
- B. 180 m
- C. 324 m
- D. 150 m ✓ **Correct answer**

Note: At 60 km/h (50/3 m/s) the train covers 50/3 x 9 = 150 m in 9 seconds.

Question 94 Basic Arithmetic

If one - third of one- forth number is 15 then. Three- tenth of that number is

- A. 35
- B. 36
- C. 45
- D. 54 ✓ **Correct answer**

third of one-fourth of the number is 15, so the number is 180; three-tenths of 180 is 54.

Question 95 Basic Arithmetic

A is two years older than B which is twice as old 99c. If the total of the age is of A. B. and C be 27 who old is B?

- A. 7
- B. 8
- C. 9
- D. 10 ✓ **Correct answer**

Note: B is twice as old as C and A is two years older than B: A + B + C = 5C + 2 = 27, so C is 5 and B is 10.

Question 96 Basic Arithmetic

Find a positive number which then increased by 17 is equal to 60 times the reciprocal of the number

- A. 17
- B. 15
- C. 8
- D. 3 ✓ **Correct answer**

Note: x + 17 = 60/x gives x^2 + 17x - 60 = 0, so (x+20)(x-3) = 0 and the positive number is 3.

Question 97 Basic Arithmetic

Two numbers differ by 5. if their product is 336, then sum of two number is

- A. 33
- B. 34
- C. 36

Note: Two numbers differing by 5 with product 336 are 16 and 21, whose sum is 37.

Question 98 Basic Arithmetic

If 15 workers can paint a certain number of houses in 24 days

- A. 12 days
- B. 18 days
- C. 15 days
- D. 9 days

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (the stem is cut off — it states that 15 workers can paint a certain number of houses in 24 days but asks no question, so no answer can be derived from it; decided by assistant under owner's 8 Nov 2026 delegation)

Question 99 Basic Arithmetic

Jafer draw a square. He than erased it and draw a second square whose sides were 3 times the sides of the first square. By what per east was two area of the square increased?

- A. 600%
- B. 700%
- C. 800% ✓ **Correct answer**
- D. 900%

Note: Sides 3 times as long give an area 9 times as large, an increase of 800%.

Question 100 Basic Arithmetic

Find the number if 50 is subtracted ff0m two -third of number, the result is equal sum of 40 and one - forth of that number.

- B. 216 ✓ **Correct answer**
- C. 114
- D. 116

Note: (2/3)N - 50 = 40 + (1/4)N gives (5/12)N = 90, so N = 216.

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