Clubbed Case 105 (Morning session): Intelligence Officer (BS-14), Punjab Police, Special Branch, and Assistant (BS-16), Cooperatives Department — 2024 · Solved Past Paper

Body: Punjab Public Service Commission (PPSC) · **Post:** Clubbed Case 105 (Morning session): Intelligence Officer (BS-14), Punjab Police, Special Branch, and Assistant (BS-16), Cooperatives Department · **Year:** 2024 · **Questions:** 100 in the original paper — **98 solved and verified**, 2 excluded as defective (Q97, 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 2024 sitting.

Source note: test360.pk reproduction, "Clubbed Case 105 25-08-2024" (all 100 question cards, each with 4 options and a printed key, from the page's raw HTML via direct curl fetch, 284,978 bytes). Second reproduction: test360.pk "Model Paper PPSC 2024 Clubbed Case 105 Morning 25-08-2024" (raw HTML, 281,894 bytes) — 98 of the primary 100 stems match it; the two it drops are Q68 and Q94. Where the two reproductions' keyed answers differ in wording it is spelling/punctuation only, EXCEPT Q67, where the second reproduction keys the correct executable 'Powerpnt.exe' against the primary's wrong 'PowerPoint.exe'. 1 printed key corrected openly (Q67). Q98's printed key B '18' is also wrong, but Q98 is DEFECTIVE-excluded (true count 16, in no option). Q74 and Q75 are SINGLE-SOURCE and Q56 is PICK-ONE by the assistant under the owner's 8 Nov 2026

Q97 and Q98 excluded as DEFECTIVE by the assistant under the owner's 8 Nov 2026 delegation. Answers verified independently against reference facts, worked derivations and targeted sources, never from the printed key alone.

Question 1 Pakistan Studies

The Saragarhi battle against the Afghan army is perceived as the best _____?

- A. Swat battle
- B. Street battle
- C. Last stand battle ✓ **Correct answer**
- D. Guerrilla war

Note: The Battle of Saragarhi (12 September 1897), when 21 Sikh soldiers of the 36th Sikhs held the Saragarhi post against some 10,000 Afghan tribesmen, is remembered as one of history's greatest last stands. It was not a Swat battle, a street battle or a guerrilla war.

Question 2 Pakistan Studies

Nawab Waqar ul Mulk became secretary of the Board of Trustees Aligarh in the year ?

- A. None of these
- B. 1907 ✓ **Correct answer**
- C. 1906
- D. 1908

Note: Nawab Viqar-ul-Mulk (Mushtaq Hussain Zuberi) succeeded Mohsin-ul-Mulk as honorary secretary of the Muhammadan Anglo-Oriental College, Aligarh, after Mohsin-ul-Mulk's death in 1907 — the source page's own explanation confirms the succession in 1907. Not 1906 or 1908, and 'None of these' fails because 1907 is offered.

3 Pakistan Studies

Hindu terrorist organization Rashtriya Swayamsevak sangh was founded in 1925 at Nagpur by :

- A. Tilak
- B. None of these
- C. Dr . KB Hedgewar ✓ **Correct answer**
- D. Lala Lajpat Rai

Note: The Rashtriya Swayamsevak Sangh (RSS) was founded at Nagpur on 27 September 1925 by Dr K. B. Hedgewar. Bal Gangadhar Tilak and Lala Lajpat Rai were Congress leaders of an earlier generation, not the RSS founder.

Question 4 Pakistan Studies

Quaid-e-Azam presented his famous fourteen points in the year :

- A. 1940
- B. 1929 ✓ **Correct answer**
- C. 1916
- D. 1928

Note: Quaid-e-Azam Muhammad Ali Jinnah presented his Fourteen Points in March 1929, as the Muslim reply to the Nehru Report of 1928. 1916 is the Lucknow Pact, 1928 the Nehru Report itself, and 1940 the Lahore Resolution.

Question 5 Pakistan Studies

At the time of partition who was the Viceroy of India ?

- A. Lord Mountbatten ✓ **Correct answer**
- B. Sir Stafford
- C. Sir Ganga Ram
- D. Sir Red Clif

Mountbatten was the last Viceroy of India (March–August 1947) and oversaw Partition. Sir Stafford Cripps led a wartime mission, not the viceroyalty; Sir Ganga Ram was a philanthropist-engineer, and 'Sir Red Clif' is the Boundary Commission chairman Sir Cyril Radcliffe.

Question 6 Pakistan Studies

Politics and State in Pakistan is the book of :

- A. Sajid Awan
- B. Aftab Gilani
- C. Muhammad Shafique Bhatti
- D. Muhammad Wasim ✓ **Correct answer**

Note: 'Politics and the State in Pakistan' is by Mohammad Waseem (first published 1989, Progressive Publishers, Lahore; 2nd edition 1994, National Institute of Historical and Cultural Research — AIOU library catalogue and Open Library both list Waseem as author; LUMS lists it among his books). None of the other three names is its author. (The option spells the name 'Muhammad Wasim'.)

Question 7 Pakistan Studies

Who is the owner of Nishat Group of Industries?

- A. Mian Mansha ✓ **Correct answer**
- B. Yahya Bukhari
- C. None of these
- D. Malik Riaz

Note: The Nishat Group is owned by Mian Muhammad Mansha, its founder and chairman. Malik Riaz owns Bahria Town, not Nishat; Yahya Bukhari is not the owner.

8 General Knowledge

Which desert can be found across the north of Africa ?

- A. Gobi
- B. Thar
- C. Sahara ✓ **Correct answer**
- D. Kalahari

Note: The Sahara stretches across the north of Africa. The Gobi is in Central Asia, the Thar in Pakistan/India, and the Kalahari in southern Africa.

Question 9 General Knowledge

Lunar eclipse occurs on _____?

- A. New Moon
- B. Half Moon
- C. Full Moon ✓ **Correct answer**
- D. Quarter Moon

Note: A lunar eclipse happens at full moon, when the Earth comes between the Sun and the Moon. A solar eclipse happens at new moon; half and quarter moons give no eclipse.

Question 10 Pakistan Studies

The Durand Line lies between the Pakistan and ____

- A. China
- B. India
- C. Afghanistan ✓ **Correct answer**
- D. Iran

Note: The Durand Line (1893) is the border between Pakistan and Afghanistan. Pakistan's borders with China, India and Iran have other names.

11 Pakistan Studies

The Silk Road connects Pakistan to which country ?

- A. Afghanistan
- B. Tajikistan
- C. India
- D. China ✓ **Correct answer**

Note: The Silk Road route through Pakistan — the Karakoram Highway — connects Pakistan with China. It does not run to Afghanistan, Tajikistan or India.

Question 12 General Knowledge

Godwin Austen the second highest peak in the world is in

- A. Nanga Parbat
- B. Himalayas
- C. Hindu Kush
- D. Karakoram ✓ **Correct answer**

Note: K2, also called Godwin-Austen, the world's second-highest peak, stands in the Karakoram range. Nanga Parbat is a single peak, not a range; the Himalayas and the Hindu Kush are different ranges.

Question 13 Pakistan Studies

Tilla Joggian is situated in _____?

- A. Kirthar Range
- B. Hindu Kush Range
- C. Salt Range ✓ **Correct answer**
- D. Koh i safed

Note: Tilla Jogian is in the Salt Range (Jhelum district, Punjab). It is not in the Kirthar,

Question 14 Pakistan Studies

Which is the largest lake of Pakistan ?

- A. Manchar Lake ✓ **Correct answer**
- B. Drigh Lake
- C. Saif ul Maluk Lake
- D. Kunjhar Lake

Note: Manchar Lake in Sindh is Pakistan's largest natural freshwater lake. Saif-ul-Maluk, Kunjhar (Keenjhar) and Drigh are all smaller.

Question 15 Pakistan Studies

Currently total area of KPK province ?

- A. 101 741 sq. Km ✓ **Correct answer**
- B. 170145 sq. Km
- C. 121741 sq. Km
- D. 111 741 sq. Km

Note: Khyber Pakhtunkhwa's total area is 101,741 sq km — 74,521 sq km of the old province plus 27,220 sq km of the former FATA areas merged in 2018 (Wikipedia, 'Khyber Pakhtunkhwa'; Institute of Regional Studies). The other figures are not the post-merger total.

Question 16 General Knowledge

Macro Polo was a

- A. Saint
- B. Philosopher
- C. Traveler ✓ **Correct answer**

Note: Marco Polo (1254–1324) was a Venetian merchant traveller whose account of Asia became famous. He was not a saint, a philosopher or a king. (The stem misspells his name 'Macro Polo'.)

Question 17 General Knowledge

Who is called Desert Fox ?

- A. Adolf Hitler
- B. Napoleon Bonaparte
- C. Gen.Irwin Rommel ✓ **Correct answer**
- D. Gen . Montgomery

Note: Field Marshal Erwin Rommel, the German commander in North Africa in the Second World War, was known as the 'Desert Fox'. Hitler, Napoleon and Montgomery were never called that.

Question 18 General Knowledge

The Medal of honor is the highest military decoration awarded by _____?

- A. American Government ✓ **Correct answer**
- B. Canadian Government
- C. British Government
- D. French Government

Note: The Medal of Honor is the highest military decoration of the United States. Canada, Britain and France have their own highest awards (Victoria Cross, Légion d'honneur), not the Medal of Honor.

Question 19 General Knowledge

What did Fidel Castro attempt to do during the Cold War ?

Cigars to USA in order to make money

- B. Allow a Soviet missile base to be built in Cuba ✓ **Correct answer**
- C. Bomb New York
- D. To create an anti Japanese block in the Latin America

Note: In the 1962 Cuban Missile Crisis, Fidel Castro allowed the Soviet Union to build a missile base in Cuba. He did not bomb New York, sell cigars to the USA to make money, or build an anti-Japanese bloc in Latin America.

Question 20 General Knowledge

The North American free trade agreement is a treaty entered into by _____ and United States ?

- A. New Mexico
- B. Canada Mexico ✓ **Correct answer**
- C. Canada
- D. Mexico

Note: The North American Free Trade Agreement (NAFTA, 1994) was a treaty between the United States, Canada and Mexico. 'New Mexico' is a US state, not a country, and Canada or Mexico alone is an incomplete answer — only option B names both partners.

Question 21 General Knowledge

In 1946 who called for the complete elimination of nuclear weapons ?

- A. World Bank
- B. UN Secretariat
- C. UN General Assembly ✓ **Correct answer**
- D. European Court of Human Rights

Note: The UN General Assembly's very first resolution (Resolution 1, 24 January 1946) called for the elimination of atomic weapons. The World Bank, the UN Secretariat and the

Question 22 General Knowledge

How many members states are there in the UN ?

- A. 195
- B. 193 ✓ **Correct answer**
- C. 203
- D. 197

Note: The United Nations has 193 member states. 195, 203 and 197 are not the membership.

Question 23 General Knowledge

The Arab League was established in ?

- A. 1945 ✓ **Correct answer**
- B. 1946
- C. 1947
- D. 1944

Note: The Arab League (League of Arab States) was established on 22 March 1945, headquartered in Cairo — the source page's own explanation confirms the date. Not 1944, 1946 or 1947.

Question 24 General Knowledge

What which country Orange Revolution is associated ?

- A. Azerbaijan
- B. Turkmenistan
- C. Ukraine ✓ **Correct answer**
- D. Belarus

Orange Revolution was the 2004 pro-democracy movement in Ukraine. It is not associated with Azerbaijan, Turkmenistan or Belarus.

Question 25 General Knowledge

Which event is not classified as a field event ?

- A. Javelin
- B. High Jump
- C. Shot Put
- D. Hurdle Race ✓ **Correct answer**

Note: The hurdle race is a track event; javelin, high jump and shot put are field events. So the hurdle race is the one not classified as a field event.

Question 26 General Knowledge

110 m Hurdles height for men is ?

- A. 2 m
- B. 1 m
- C. 1.067 m ✓ **Correct answer**
- D. 0.762 m

Note: The men's 110 m hurdles are 1.067 m (42 inches) high. 0.762 m (option D) is the women's 100 m hurdles height — the distractor; 1 m and 2 m are not the standard.

Question 27 Current Affairs

Sadiq Khan become Mayor of London ____ in 2021 ?

- A. 2nd Time ✓ **Correct answer**
- B. 1st Time
- C. None of these
- D. 3rd Time

Khan was re-elected Mayor of London in May 2021 — his second term, having first been elected in 2016. It was not his first term, and he had not yet won a third.

Question 28 Current Affairs

A nuclear fusion reactor in China has set a new record for sustained high temperature that sun which is _____ ?

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

Note: China's EAST 'artificial sun' (Experimental Advanced Superconducting Tokamak) sustained plasma at 70 million °C for 1,056 seconds — about five times hotter than the Sun's core (about 15 million °C) — a world record reported by Xinhua in January 2021. The shorter 120-million-degree run (101 seconds) was hotter still, but the sustained high-temperature record is the five-times one.

Question 29 General Knowledge

How many sports were in the 2020 Summer Paralympics :

- A. 22 Sports ✓ **Correct answer**
- B. 29 Sports
- C. 72 Sports
- D. 18 Sports

Note: The Tokyo 2020 Summer Paralympics featured 22 sports. Not 29, 72 or 18.

Question 30 Current Affairs

The Islamic military Alliance is headed by Ex Pakistan army Chief Raheel Sharif the main Purpose of this was to form _____?

- B. United formation against military intervention of ISIL
- C. Inter governmental counter terrorist alliance
- D. Islamic military counter terrorism coalition of Muslim countries ✓ **Correct answer**

Note: The Islamic Military Counter Terrorism Coalition (IMCTC), headed by former Pakistan Army chief General (retd) Raheel Sharif, is an intergovernmental counter-terrorism coalition of Muslim countries — option D, its own description. Option B's wording ('against military intervention of ISIL') is garbled, so 'All of these' (A) fails; C alone is a looser description than D.

Question 31 Science

The basic building unit of All animals and plants is ____?

- A. Nucleus
- B. Cell ✓ **Correct answer**
- C. Gene
- D. Chromosomes

Note: The cell is the basic structural and functional unit of all animals and plants. The nucleus, the gene and chromosomes are structures inside the cell, not the unit itself.

Question 32 Science

Synthesis of proteins take place in _____?

- A. Chromosomes
- B. DNA
- C. RNA
- D. Ribosomes ✓ **Correct answer**

Note: Protein synthesis takes place in the ribosomes. DNA stores the genetic code, RNA

d chromosomes carry the genes — none of them is the site of synthesis.

Question 33 Science

_____ male part of a flower ?

- A. Calyx
- B. Thalamus
- C. Androecium ✓ **Correct answer**
- D. Gynoecium

Note: The androecium (stamens) is the male part of a flower. The gynoecium is the female part, the calyx is the ring of sepals, and the thalamus is the receptacle.

Question 34 Science

The largest part of the human brain is :

- A. Mid Brain
- B. Cerebellum
- C. Medulla oblongata
- D. Cerebrum ✓ **Correct answer**

Note: The cerebrum is the largest part of the human brain. The cerebellum is the second largest; the medulla oblongata and midbrain are small brain-stem parts.

Question 35 Science

Inhaled air passes through which of the following in the last ?

- A. Bronchi
- B. None of these (Alveoli) ✓ **Correct answer**
- C. Trachea
- D. Bronchioloe

d air travels trachea → bronchi → bronchioles → alveoli, so the last stop is the alveoli — which is what option B ('None of these (Alveoli)') names. (The stem misspells 'Bronchioloe'.)

Question 36 Science

Which of the following vitamins do we get from sun rays ?

- A. Vitamin B
- B. Vitamin C
- C. Vitamin D ✓ **Correct answer**
- D. Vitamin A

Note: Sunlight on the skin produces vitamin D. Vitamins A, B and C come from food, not from sun rays.

Question 37 Science

Examples of magnetic materials are _____?

- A. All of these
- B. Earth
- C. Iron Nickel and Cobalt ✓ **Correct answer**
- D. Gold Aluminum and Copper

Note: Iron, nickel and cobalt are ferromagnetic (magnetic) materials. Gold, aluminium and copper are not magnetic, and 'Earth' is not a material in this sense; 'All of these' therefore fails.

Question 38 Science

Which of the following is unit of length ?

- A. Dalton
- B. Newton

strom ✓ **Correct answer**

- D. Joule

Note: The angstrom (10^-10 m) is a unit of length. The dalton is a unit of atomic mass, the newton of force and the joule of energy.

Question 39 Science

Thomas Edison is famous for his invention of ?

- A. Television
- B. Light Bulb ✓ **Correct answer**
- C. None of these
- D. Telephone

Note: Thomas Edison is famous for the practical incandescent light bulb. The television and the telephone were others' inventions.

Question 40 Science

The famous antibiotic Penicillin was discovered by _____?

- A. Isaac Newton
- B. Robert Hook
- C. Alexander Fleming ✓ **Correct answer**
- D. Charles Darwin

Note: Penicillin was discovered by Alexander Fleming in 1928. Not Isaac Newton, Robert Hooke or Charles Darwin.

Question 41 English

Synonym of Grisly is _____?

- A. Hatred

- C. Disgusting ✓ **Correct answer**
- D. Stuff

Note: 'Grisly' means gruesome or horrifying — 'disgusting' is the closest synonym offered. 'Hatred', 'random' and 'stuff' are unrelated in meaning.

Question 42 English

Synonym of Arraign _____?

- A. Army
- B. Accuse ✓ **Correct answer**
- C. Troops
- D. Forgive

Note: 'Arraign' means to call a person before a court to answer a charge — to accuse. It has nothing to do with an army or troops, and it is the opposite of 'forgive'.

Question 43 English

The antonym of Blooming is :

- A. Sad
- B. Quite
- C. Fading ✓ **Correct answer**
- D. None of these

Note: The antonym of 'blooming' (flourishing, in flower) is 'fading'. 'Sad' and 'quite' are unrelated, and 'None of these' fails because 'fading' is offered.

Question 44 English

Guess the closet possible meanings of the given idiom At Sea ?

- B. Puzzled ✓ **Correct answer**
- C. Triumphant
- D. Sad

Note: The idiom 'at sea' means confused, puzzled, at a loss. It does not mean happy, triumphant or sad. (The stem misspells 'closest' as 'closet'.)

Question 45 English

Choose the one word substitution of one who loves books

- A. Bibliophile ✓ **Correct answer**
- B. Bibliophagist
- C. Bibliophobia
- D. Bibliographer

Note: A bibliophile is one who loves books. A bibliophagist devours books, bibliophobia is fear of books, and a bibliographer compiles bibliographies.

Question 46 English

Pick out a pair :: Germ : Infection::_____?

- A. Watch: Time
- B. Downpour : Flood ✓ **Correct answer**
- C. Forest : Spring
- D. Moon : Lunar

Note: Germ causes infection, just as a downpour causes a flood — a cause-to-effect pair. Watch:time, forest:spring and moon:lunar are not cause-effect pairs.

Question 47 English

Akbar can speak Arabic fluently because he lived in Egypt for a year .

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

Note: The word tested in the sentence is 'fluently' — it describes how Akbar speaks, so it is an adverb. It is not a noun, a verb or an adjective. (The stem gives the sentence without naming the word; 'fluently' is the only word that fits the options.)

Question 48 English

She is looking for a job in _____ electronic or print media ?

- A. Neither
- B. Either ✓ **Correct answer**
- C. Both
- D. Between

Note: 'In either electronic or print media' — the either/or construction needs 'either'. 'Neither', 'both' and 'between' do not fit the frame.

Question 49 English

Select the correct option : His records are _____ vague for us to be able to know what he looked like .

- A. As
- B. So
- C. Too ✓ **Correct answer**
- D. More

Note: 'Too vague ... to be able to know' — the 'too ... to' construction. 'So vague' would need 'that', 'as vague' needs 'as', and 'more vague' does not complete the sentence.

50 English

Olga _____ gym this evening ?

- A. Is going
- B. Is going to ✓ **Correct answer**
- C. Will go
- D. Will goes

Note: 'Olga is going to gym this evening?' — 'is going to' completes the intended near-future plan. 'Is going' leaves the 'to' missing, and 'will go' / 'will goes' do not fit the frame.

Question 51 English

Correct the below sentence : He has ten heads of Cattle ?

- A. None of these (No Error) ✓ **Correct answer**
- B. Heds
- C. Cettles
- D. Has been

Note: 'He has ten heads of cattle' is correct — 'head' is the unit noun used for cattle, so there is no error. 'Heds' and 'Cettles' are misspellings, and 'has been' breaks the sentence.

Question 52 English

_____ you having a holiday soon ?

- A. Does
- B. Are ✓ **Correct answer**
- C. Did
- D. Do

Note: 'Are you having a holiday soon?' — a present-continuous question needs 'are'. 'Does', 'did' and 'do' do not fit.

53 English

Choose the correct indirect narration of : He will say I did not know it ?

- A. None of these
- B. He asked that if he knows him
- C. He will say that he did not know it ✓ **Correct answer**
- D. He would tell if he did not know

Note: With the reporting verb in the future ('will say'), the reported tense does not change: 'He will say that he did not know it.' The other options change the tense or the meaning.

Question 54 English

Choose the correct option of reported speech . He said How Cruel of him .

- A. He said it was very Cruel
- B. He remarked that it was very Cruel of him ✓ **Correct answer**
- C. He asked it was cruel of him
- D. He remarked that it is Cruel of him

Note: The exclamation 'How cruel of him!' is reported as 'He remarked that it was very cruel of him.' 'Said' without 'remarked', the 'asked' version and the present-tense 'is' version are all wrong for an exclamatory sentence.

Question 55 English

Choose the correct option of the passive voice . The people elected him Mayer ?

- A. He is elected by the Mayor
- B. Mayor is elected by the people
- C. He was elected Mayor by the people ✓ **Correct answer**
- D. Him was elected Mayor the People

e of 'The people elected him Mayor': 'He was elected Mayor by the people.' The other options change the tense, make 'Mayor' the subject, or break the grammar. (The stem misprints 'Mayer' for 'Mayor'.)

Question 56 English

What is the passive voice from of the sentence " Have you car washed ?

- A. Have someone for washing your car
- B. Have someone washed your car ✓ **Correct answer**
- C. Have someone wash your car
- D. Have someone to wash your car

Note: PICK-ONE, decided by the assistant under the owner's 8 Nov 2026 delegation. Both test360 reproductions key B, 'Have someone washed your car', so B is picked as the exam's key. Note the item's own defects, recorded openly: the stem ('Have you car washed?') is garbled, the grammatically standard causative is C, 'Have someone wash your car', and neither option is a true passive form — but C is not the keyed answer in either reproduction, and no better option can be asserted, so the exam's key stands as a pick-one.

Question 57 Computer

The ability of a computer system to remain operational despite various failure is

- A. Schema
- B. Resilience ✓ **Correct answer**
- C. Relation
- D. Versatility

Note: Resilience is the ability of a computer system to remain operational despite various failures. 'Schema' and 'relation' are database terms; 'versatility' means being able to do many things, not surviving failure.

58 Computer

Microsoft windows is software developed by :

- A. Sun
- B. Dell
- C. None of these (Microsoft) ✓ **Correct answer**
- D. Apple

Note: Microsoft Windows is developed by Microsoft, which is not among Sun, Dell or Apple — so 'None of these (Microsoft)' is the answer the option set intends.

Question 59 Computer

The primary purpose of an operating system is :

- A. To make computers use
- B. To make the most efficient use of the computer hardware ✓ **Correct answer**
- C. To keep systems programmers employed
- D. To allow people to use the computer

Note: The primary purpose of an operating system is to make the most efficient use of the computer hardware. The other options are jokes or side effects, not the purpose.

Question 60 Computer

EEPROM stands for

- A. Easily Erasable Programmable Read only Memory
- B. Electrically Erasable Programmable Read Only Memory ✓ **Correct answer**
- C. Erasable electronic Programmable Read Only Memory
- D. Electronic Erasable Programmable Read Only Memory

Note: EEPROM stands for Electrically Erasable Programmable Read-Only Memory. The other options swap in 'Easily', 'electronic' or 'Electronic'.

61 Computer

A byte consist of _____?

- A. Eight bits ✓ **Correct answer**
- B. Sixteen bits
- C. One bit
- D. Four bits

Note: A byte consists of eight bits. Not sixteen bits, one bit or four bits.

Question 62 Computer

An electronic logic Gate whose output is logic 0 only when all inputs are logic 1 is ____?

- A. NAND ✓ **Correct answer**
- B. OR
- C. NOR
- D. NOT

Note: A NAND gate's output is logic 0 only when all its inputs are logic 1. An OR gate outputs 1 when any input is 1, NOR outputs 0 when any input is 1, and NOT has a single input.

Question 63 Computer

A decoder is required in case of a _____?

- A. Horizontal Microinstruction
- B. Vertical Microinstruction ✓ **Correct answer**
- C. All types Microinstruction
- D. Multilevel Microinstruction

Note: A decoder is required for vertical microinstructions, whose control fields are encoded and must be decoded; horizontal microinstructions are executed directly without

Question 64 Computer

_____begin the development of the world wide web in 1989 ?

- A. Joe Hing
- B. None of these
- C. Tim Berners Lee ✓ **Correct answer**
- D. Tim John lee

Note: Tim Berners-Lee began developing the World Wide Web in 1989 at CERN. 'Joe Hing' and 'Tim John Lee' are invented names.

Question 65 Computer

Which is used by the internet to communicate between devices and networks ?

- A. Email
- B. Internet protocol suite ✓ **Correct answer**
- C. HTTPS
- D. Website

Note: The Internet Protocol suite (TCP/IP) is what the internet uses for devices and networks to communicate. Email, HTTPS and websites all run on top of it.

Question 66 Computer

What is the extension of a Microsoft Excel file ?

- A. Xlsx ✓ **Correct answer**
- B. Xcl
- C. Msxcl
- D. Xlsm

andard extension of a Microsoft Excel file is .xlsx. '.xcl' and '.msxcl' are invented; '.xlsm' is the macro-enabled variant, not the standard extension.

Question 67 Computer

_____ file executes MS PowerPoint .

- A. None of these ✓ **Correct answer**
- B. PowerPoint.exe
- C. PPT.exe
- D. MSPPT.exe

Note: PRINTED-KEY CORRECTION (certain), recorded openly: the printed key B, 'PowerPoint.exe', is wrong — the Microsoft PowerPoint executable is POWERPNT.EXE. The second test360 reproduction of this same paper keys 'Powerpnt.exe', confirming it. Since POWERPNT.EXE is not among the primary options, A, 'None of these', is the correct answer.

Question 68 Computer

____is used to create a chart in MS Excel .

- A. All of these
- B. F11 ✓ **Correct answer**
- C. CTRL+Y
- D. ALT+F11

Note: F11 creates a chart in MS Excel. Alt+F11 opens the Visual Basic editor and Ctrl+Y is redo; 'All of these' therefore fails.

Question 69 Computer

Page Down Keyboard key is used in Microsoft word to ____?

- A. Moves the cursor one screen down ✓ **Correct answer**

- C. Moves the cursor one page down
- D. Moves the cursor one line down

Note: The Page Down key moves the cursor one screen down in Microsoft Word. It does not move it one paragraph, one page or one line down.

Question 70 Computer

Which of the following position is not available for fonts on MS Word?

- A. Lowered
- B. Centered ✓ **Correct answer**
- C. Raised
- D. Normal

Note: In MS Word, font positions are Normal, Raised and Lowered. 'Centered' is a paragraph alignment, not a font position, so it is the one not available.

Question 71 Computer

If the page Size increases the Internal fragmentation ?

- A. Remain Constant
- B. None of these
- C. Increases ✓ **Correct answer**
- D. Decreases

Note: If the page size increases, internal fragmentation increases — each page wastes more space on average. It does not remain constant or decrease.

Question 72 Computer

An excel workbook is a collection of :

- B. Pages
- C. Worksheets and Charts ✓ **Correct answer**
- D. Documents

Note: An Excel workbook is a collection of worksheets and charts. Not slides (PowerPoint), pages or documents (Word).

Question 73 Computer

The Auto Sum feature ____?

- A. None of these
- B. Automatically adds a range of cells values ✓ **Correct answer**
- C. Applies a border around the selected cells
- D. Extends a sequential series of data

Note: The AutoSum feature automatically adds a range of cells' values. It does not apply a border or extend a sequential series.

Question 74 Computer

Area formula helps for performing _____ calculations ?

- A. Composite
- B. All of these ✓ **Correct answer**
- C. Nested
- D. Multiple

Note: SINGLE-SOURCE: both test360 reproductions of this paper key B, 'All of these' (area formulas are used for composite, nested and multiple calculations), but no independent reference for this textbook item was found, so the answer rests on the printed key alone and is flagged rather than asserted as independently verified.

75 Computer

Is not necessary while performing a mail merge operation

- A. Primary fields
- B. Unique fields
- C. Word fields ✓ **Correct answer**
- D. Super fields

Note: SINGLE-SOURCE: both test360 reproductions of this paper key C, 'Word fields' (a mail merge needs a data source and merge fields; 'Word fields' is not a required merge element — the second reproduction misprints it 'World fields'), but no independent reference for this textbook item was found, so the answer rests on the printed key alone and is flagged.

Question 76 Computer

In MS PowerPoint objects on the slide used to hold the text are called

- A. Text Box
- B. Placeholders ✓ **Correct answer**
- C. None of these
- D. Text holders

Note: In MS PowerPoint, the objects on a slide used to hold text are called placeholders. A text box is a different object, and 'text holders' is not the term.

Question 77 Computer

In MS PowerPoint on mouse click option can be used by

- A. Format and on mouse click
- B. Home and mouse click
- C. Transition and on mouse click ✓ **Correct answer**
- D. Insert and on mouse click

PowerPoint, the 'on mouse click' slide-advance option is found under the Transitions tab. Not under Format, Home or Insert.

Question 78 Islamiat

The Holy Quran was first translated into Persian by :

- A. Suleman Nadvi
- B. Shibli Naumani
- C. Shah WaliUllah ✓ **Correct answer**
- D. Sheikh Ahmed SirHindi

Note: The Holy Quran was first translated into Persian by Shah Waliullah (his Persian translation, Fath-ur-Rahman, 1737–38). Not Suleman Nadvi, Shibli Naumani or Sheikh Ahmed Sirhindi.

Question 79 Islamiat

سبت اور رفع طور کے واقعات متعلق ہیں

Correct answer ✓ A. قوم موسی

B. قوم نوح

C. قوم شعیب

D. قوم ابراہیم

Note: سبت (Sabbath) اور رفعِ طور (Mount Tur raised over Bani Israel) کے واقعات قومِ موسیٰ (بنی اسرائیل) سے متعلق ہیں — نہ قومِ نوح، نہ قومِ شعیب، نہ قومِ ابراہیم سے۔

Question 80 Islamiat

فتح مکہ میں مارے جانے والے کافروں کی تعداد تھی

- A. 13 ✓ **Correct answer**

- C. 5500
- D. 1100

Note: فتح مکہ میں مارے جانے والے کافروں کی تعداد 13 ہے — یہی عدد جنرل نالج کے ذخیرے میں درج ہے اور اسی پرچے کی دوسری نقل (test360 model paper) بھی 13 ہی کو کلید کرتی ہے۔ 0، 5500 یا 1100 درست نہیں۔

Question 81 Islamiat

کس جنگ میں مسلمانوں پر نیند طاری کر دی گئی اور اسمانوں سے پانی برسایا گیا

A. غزوہ خندق

B. غزوہ احد

Correct answer ✓ C. غزوہ بدر

D. غزوہ تبوک

Note: غزوہ بدر میں مسلمانوں پر نیند طاری کر دی گئی اور آسمان سے پانی برسایا گیا (قرآن 8:11)۔ یہ واقعہ غزوہ خندق، احد یا تبوک کا نہیں۔

Question 82 Islamiat

جنگ قادسیہ میں اسلامی لشکر کے سپہ سالار تھے ؟

Correct answer ✓ A. حضرت سعد بن ابی وقاص

B. حضرت خالد بن ولید

C. حضرت عکرمہ

D. حضرت مثنی شیبانی

Note: جنگ قادسیہ میں اسلامی لشکر کے سپہ سالار حضرت سعد بن ابی وقاص تھے۔ حضرت خالد بن ولید، حضرت عکرمہ اور حضرت مثنیٰ شیبانی اس جنگ کے سپہ سالار نہیں تھے (مثنیٰ نے اس سے پہلے کی لڑائیوں میں کمان کی تھی)۔

83 Islamiat

شراب نوشی کی سزا اسی کوڑے مقرر کی گئی خلافت ـــــ؟

- A. مرتضوی میں
- B. عثمانی میں
- **Correct answer** ✓ C. فاروقی میں
- D. صدیقی میں

Note: شراب نوشی کی سزا اسی کوڑے خلافتِ فاروقی (حضرت عمر فاروق) میں مقرر کی گئی۔ یہ خلافتِ صدیقی، عثمانی یا مرتضوی میں مقرر نہیں ہوئی۔

Question 84 Islamiat

ارتداد کے لغوی معنی ہیں

- A. مسترد کرنا
- **Correct answer** ✓ B. پلٹ جانا
- C. کفر پر بضد ہونا
- D. شرک کرنا

Note: ارتداد کے لغوی معنی ہیں 'پلٹ جانا' — یعنی (دین سے) لوٹ جانا۔ 'مسترد کرنا'، 'کفر پر بضد ہونا' اور 'شرک کرنا' اس کے لغوی معنی نہیں۔

Question 85 Urdu

آم کے آم گٹھلیوں کے دام کا کیا مطلب ہے ؟

- A. دوہرا نقصان
- **Correct answer** ✓ B. دوہرا فائدہ

C. ز

D. کچھ فائدہ کچھ نقصان

Note: 'آم کے آم گٹھلیوں کے دام' کا مطلب ہے دوہرا فائدہ — آم بھی کھا لیے اور گٹھلیاں بھی بیچ دیں۔ یہ دوہرا نقصان، نہ فائدہ نہ نقصان، یا کچھ فائدہ کچھ نقصان نہیں۔

Question 86 Urdu

درج ذیل میں سے درست لفظ کی نشاندہی کیجیے

A. السلام و علیکم

Correct answer ✓ B. السلام علیکم

C. اسلام علیکم

D. اسلام وعلیکم

Note: درست سلام 'السلام علیکم' ہے۔ 'السلام و علیکم'، 'اسلام علیکم' اور 'اسلام وعلیکم' غلط املا ہیں۔

Question 87 Urdu

جس سے کسی چیز کو تشبیہ دی جائے اسے کہتے ہیں

Correct answer ✓ A. مشبہ بہ

B. مشبہ

C. وجہ شبہ

D. حرف تشبیہ

Note: تشبیہ میں جس چیز سے تشبیہ دی جائے اسے مشبہ بہ کہتے ہیں؛ جس کی تشبیہ دی جائے وہ مشبہ ہے، مشترک صفت وجہ شبہ ہے اور حرف تشبیہ وہ لفظ ہے جو تشبیہ ظاہر کرے۔

88 Urdu

تحریر میں لفظ معترضہ یا جملہ معترضہ کی وضاحت کے لیے جو علامت وقف استعمال ہوتی ہے وہ کہلاتی ہے

A. رابطہ

Correct answer ✓ B. قوسین

C. واوین

D. وقفہ

Note: تحریر میں لفظ معترضہ یا جملہ معترضہ کی وضاحت کے لیے قوسین (بریکٹ) استعمال ہوتی ہے۔ رابطہ، واوین (واوین اقتباس کے لیے ہیں) اور وقفہ اس کام کے لیے نہیں۔

Question 89 Urdu

پہلا اردو اخبار کہاں سے جاری ہوا

Correct answer ✓ A. کلکتہ

B. لاہور

C. دہلی

D. لکھنو

Note: پہلا اردو اخبار 'جام جہاں نما' (1822ء) کلکتہ سے جاری ہوا۔ لاہور، دہلی اور لکھنؤ سے نہیں۔

Question 90 Urdu

متحدہ ہندوستان میں روزنامہ زمیندار کس کی ادارت میں شائع ہوتا رہا ؟

A. غلام رسول مہر

Correct answer ✓ B. ظفر علی خان

C. عبد المجید سالک

D. •

Note: متحدہ ہندوستان میں روزنامہ زمیندار مولانا ظفر علی خان کی ادارت میں شائع ہوتا رہا۔ غلام رسول مہر، عبد المجید سالک اور محمد علی جوہر اس کے مدیر نہیں تھے۔

Question 91 Urdu

رسالہ دنیازاد کہاں سے نکلتا تھا ؟

A. کانپور •

Correct answer ✓ B. کراچی •

C. لاہور •

D. دہلی •

Note: رسالہ دنیازاد کراچی سے نکلتا تھا — یہ آصف فرخی کا اردو ادبی جریدہ تھا (2000ء میں قائم)؛ World Humanities Report کے مطابق 'Aaj and Dunyazad ... are published in Karachi'۔ کانپور، لاہور یا دہلی سے نہیں۔

Question 92 Urdu

ڈاکٹر عبدالسلام خورشید کی وے صورتیں الٰہی اور جگن ناتھ آزاد کی آنکھیں ترستیاں ہیں کا تعلق کس صنف نثر سے ہے ؟

A. ان میں سے کوئی نہیں •

Correct answer ✓ B. خاکہ نگاری •

C. سفرنامہ •

D. سوانح نگاری •

Note: ڈاکٹر عبدالسلام خورشید کی 'وے صورتیں الٰہی' اور جگن ناتھ آزاد کی 'آنکھیں ترستیاں ہیں' خاکہ نگاری (شخصی خاکوں) سے تعلق رکھتی ہیں۔ یہ سفرنامہ یا سوانح نگاری نہیں۔

93 Mathematics

Waleed gave 25 % ofa profit to his partner. If the partner get Rs . 8000 what remains with Waleed ?

- A. 24000 ✓ **Correct answer**
- B. 26000
- C. 20000
- D. 22000

Note: The partner's 25% share is Rs 8,000, so the total profit is 8,000 ÷ 0.25 = Rs 32,000. Waleed keeps 75%: 32,000 × 0.75 = Rs 24,000.

Question 94 Mathematics

The volume of a right circular cylinder in cm^3 having a radius of 2cm and a height of 7cm is ?

- A. $28cm^3$
- B. 88 cm^3 ✓ **Correct answer**
- C. 14 cm^3
- D. 7cm3

Note: Volume of a right circular cylinder = $\pi r^2 h = (22/7) \times 2^2 \times 7 = (22/7) \times 28 = 88$ cm^3. 28, 14 and 7 cm^3 are the results of leaving out π, the square, or the height.

Question 95 Mathematics

An ornament seller marks the price of an article at Rs 28800 . Find the selling price of the article if he gives a discount of 20% ?

- A. Rs 23040 ✓ **Correct answer**
- B. Rs 25920
- C. Rs 20160
- D. Rs 17280

discount on Rs 28,800 leaves 80% to pay: 28,800 × 0.80 = Rs 23,040.

Question 96 Mathematics

The sum of the squares of two numbers is 97 and the square of their difference is 25 . The product of the number is

- A. 63
- B. 36 ✓ **Correct answer**
- C. 54
- D. 45

Note: Let the numbers be a and b: $a^2 + b^2 = 97$ and $(a - b)^2 = 25$, so $a^2 + b^2 - 2ab = 25$, i.e. $97 - 2ab = 25$, giving $ab = 36$.

Question 97 Mathematics

In a factory a group of 24 workers working 7 hours a day can produce 4000 units in 30 days. In how many days will 30 workers produce 3500 units by working 8 hours a day

- A. 16
- B. 24
- C. 30
- D. 20

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

Question 98 Mathematics

During the motion of the hour hand and minutue hand from 1:00 pm to 10:00 pm ,the number of right angles formed during this period is ?

- A. 20
- B. 18

- D. 10

No answer is given for this question, and none is taught. NO CORRECT OPTION — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov 2026 delegation)

Question 99 Mathematics

If Ali salary is 10% more than that of Sajid then how much percent is Sajjad salary less than of Ali ?

- A. 107/11
- B. 109/11
- C. 105/11
- D. 100/11 ✓ **Correct answer**

Note: Ali's salary is 110% of Sajid's, so Sajid's salary is less than Ali's by (10/110) × 100 = 100/11% (about 9.09%). (The stem writes 'Sajid' and then 'Sajjad' — the same person.)

Question 100 Mathematics

If the length and breadth of a square is increased by 30% and 20% respectively. The area of the rectangle so formed exceeds the area of the square by ?

- A. 46%
- B. 36%
- C. 56% ✓ **Correct answer**
- D. 26%

Note: Increasing the sides by 30% and 20% multiplies the area by 1.30 × 1.20 = 1.56, so the new area exceeds the old by 56%. (The stem says 'length and breadth of a square' — it means the rectangle formed from the square.)

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