



UDC & LDC SOLVED NOTES

Important Instructions for Candidates:

- If you find any kind of mistake in these notes, you can contact me at **0333-4694332**.
- I have added some important points in this PDF for your convenience.
- These notes are specially compiled for Pakistan Navy UDC and LDC preparation.
- Related questions have been added for better understanding.
- These are **100% authentic notes**, collected from past students.
- **Best wishes for your preparation and success!**



1. Who was the first Governor General of Pakistan?

Ans: Quaid-e-Azam

Additional Questions:

Who was the first Prime Minister of Pakistan? Liaquat Ali Khan.

Who was the first President of Pakistan? Major General Iskander Mirza.

Who was the last Governor General of Pakistan? Major General Iskander Mirza.

Who was the first Chief of Army Staff of Pakistan? General Tikka Khan.

2. Which surah of the Quran is known as "Umm-ul-Kitab"?

Ans: Surah Fatiha

Additional Questions:

Which surah is the shortest in the Quran? Surah Al-Kawthar.

Which surah is called the Heart of the Quran? Surah Yaseen.

Which surah contains Ayat-ul-Kursi? Surah Al-Baqarah.

Which surah has no Bismillah at the start? Surah At-Tawbah.

3. What is the square root of 144?

Ans: 12



Additional Questions:

What is the square of 15? 225.

What is the cube root of 27? 3.

What is the square root of 169? 13.

What is the value of 12^2 ? 144.

4. Who wrote the national anthem of Pakistan?

Ans: Hafeez Jalandhari

Additional Questions:

Who composed the music of Pakistan's national anthem? Ahmad G. Chagla.

In which year was the national anthem of Pakistan officially adopted? 1954.

How many lines are in Pakistan's national anthem? 15 lines.

In which language is Pakistan's national anthem written? Persian.

5. When was the first constitution of Pakistan enforced?

Ans: 1956

Additional Questions:

Who was the Prime Minister when Pakistan's first constitution was enforced? Chaudhry Muhammad Ali.

In which year was the second constitution of Pakistan enforced? 1962.

Which constitution declared Pakistan an Islamic Republic? 1956

Constitution.

When was the current constitution of Pakistan enforced? 1973.

6. Which element has the chemical symbol 'Na'?

Ans: Sodium

Additional Questions:

Which element has the chemical symbol 'O'? Oxygen.

Which element has the chemical symbol 'Fe'? Iron.

Which element has the chemical symbol 'K'? Potassium.

Which element has the chemical symbol 'Ag'? Silver

7. Who was known as "Sword of Allah"?

Ans: Hazrat Khalid bin Waleed (R.A)

Additional Questions:

Who was the first Caliph of Islam? Hazrat Abu Bakr Siddique (R.A).

Who was given the title "Lion of Allah"? Hazrat Ali (R.A).

Who was the last Prophet of Islam? Prophet Muhammad (PBUH).

Who compiled the Holy Quran in book form? Hazrat Abu Bakr Siddique (R.A).

8. Which is the largest desert of Pakistan?

Ans: Thar



Additional Questions:

Which is the second largest desert of Pakistan? Cholistan.

Which desert of Pakistan is also called Rohi? Cholistan.

In which province is the Thar Desert located? Sindh.

Which desert lies in both Pakistan and India? Thar Desert.

9. Which is the antonym of the word "Scarcity"?

Ans: Abundance

Additional Questions:

What is the antonym of "Bravery"? Cowardice.

What is the antonym of "Ancient"? Modern.

What is the antonym of "Success"? Failure.

What is the antonym of "Permanent"? Temporary.

10. The boundary line between Pakistan and Afghanistan is called:

Ans: Durand Line

Additional Questions:

The boundary line between Pakistan and India is called: Radcliffe Line.

The boundary line between China and India is called: McMahon Line.

The boundary line between the USA and Canada is called: 49th Parallel.

The boundary line between North Korea and South Korea is called: 38th Parallel.



11. In which year did Pakistan become a nuclear power?

Ans: 1998

Additional Questions:

On which date did Pakistan conduct its first nuclear tests? 28 May 1998.

Where did Pakistan conduct its nuclear tests? Chagai, Balochistan.

Who was the Prime Minister of Pakistan at the time of nuclear tests? Nawaz Sharif.

What is the name of Pakistan's nuclear program founder? Dr. Abdul Qadeer Khan.

12. What is the hardest natural substance on Earth?

Ans: Diamond

Additional Questions:

What is the softest mineral on Earth? Talc.

Which mineral is the main component of glass? Quartz.

What is the chemical formula of diamond? C (Carbon).

Which gemstone is a variety of corundum and second hardest after diamond? Sapphire.

13. What is the meaning of the word "Iqra" which is the first word revealed in the Quran?

Ans: Read

Additional Questions:

In which surah was the first revelation received? Surah Al-Alaq.
On which night was the first revelation received? Laylat-ul-Qadr.
Who brought the first revelation to Prophet Muhammad (PBUH)?
Angel Jibreel (A.S).
Where was the first revelation received? Cave Hira.

14. Which vitamin is produced when sunlight hits your skin?

Ans: Vitamin D

Additional Questions:

Which vitamin is essential for blood clotting? Vitamin K.
Which vitamin is also known as Ascorbic Acid? Vitamin C.
Which vitamin helps improve vision? Vitamin A.
Which vitamin is important for calcium absorption? Vitamin D.

15. The famous battle of Badr was fought in which year of Hijrah?

Ans: 2 Hijrah

Additional Questions:

In which year of Hijrah was the Battle of Uhud fought? 3 Hijrah.
In which year of Hijrah was the Battle of Khandaq fought? 5 Hijrah.
Which was the first battle of Islam? Battle of Badr.
Who was the commander of the Muslim army in the Battle of Badr?
Prophet Muhammad (PBUH).



16. Which river is the longest in Pakistan?

Ans: Indus

Additional Questions:

Which is the second longest river in Pakistan? Jhelum River.

Which river is called the lifeline of Pakistan? Indus River.

Which river flows through the Khyber Pakhtunkhwa and Punjab provinces? Kabul River.

Which river forms the boundary between Punjab and Sindh provinces? Indus River.

17. The study of stars and planets is called:

Ans: Astronomy

Additional Questions:

The study of earthquakes is called: Seismology.

The study of the human mind and behavior is called: Psychology.

The study of ancient objects and remains is called: Archaeology.

The study of living organisms is called: Biology.

18. Hazrat Muhammad (PBUH) migrated to Madina in which year?

Ans: 662 AD

Additional Questions:

What is the Islamic year of migration called? 1 Hijrah.

From which city did Prophet Muhammad (PBUH) migrate to Madina?



Makkah.

How long did the Prophet Muhammad (PBUH) live in Madina after migration? 10 years.

What was the first mosque built in Madina? Masjid Quba.

19. Synonym of the word "Brave"?

Ans: Fearless

Additional Questions:

Synonym of the word "Huge"? Enormous.

Synonym of the word "Smart"? Intelligent.

Synonym of the word "Angry"? Furious.

Synonym of the word "Quick"? Rapid.

20. What does CPU stand for?

Ans: Central Processing Unit

Additional Questions:

What does USB stand for? Universal Serial Bus.

What does WWW stand for? World Wide Web.

What does URL stand for? Uniform Resource Locator.

What does HTML stand for? HyperText Markup Language.

21. What is 25% of 320?

Ans: 80



Additional Questions:

What is 50% of 200? 100.

What is 10% of 450? 45.

What is 75% of 80? 60.

What is 20% of 500? 100.

22. Who gave the Two-Nation Theory?

Ans: Sir Syed Ahmad Khan

Additional Questions:

In which year was the Two-Nation Theory presented? 1867.

Which leader is known as the Poet of the East? Allama Iqbal.

Who is called the Father of the Nation in Pakistan? Quaid-e-Azam.

Who was the first Education Minister of Pakistan? Fazlur Rahman.

23. The largest organ of the human body?

Ans: Skin

Additional Questions:

Which is the largest internal organ of the human body? Liver.

Which is the smallest bone in the human body? Stapes (in the ear).

Which organ is responsible for pumping blood? Heart.

Which organ controls the body's functions? Brain.



24. Which instrument is used to measure earthquakes?

Ans: Seismograph

Additional Questions:

Which instrument is used to measure temperature? Thermometer.

Which instrument is used to measure air pressure? Barometer.

Which instrument is used to measure humidity? Hygrometer.

Which instrument is used to measure wind speed? Anemometer.

25. In computer, 1 byte = how many bits?

Ans: 8

Additional Questions:

In computer memory, 1 kilobyte = how many bytes? 1024 bytes.

In computer memory, 1 megabyte = how many kilobytes? 1024 KB.

In binary system, how many digits are used? 2.

In computer storage, 1 gigabyte = how many megabytes? 1024 MB.

26. What comes next in the following series: 6, 9, 12...?

Ans: 15

Additional Questions:

What comes next in the series: 2, 4, 6...? 8.

What comes next in the series: 5, 10, 15...? 20.

What comes next in the series: 3, 6, 9...? 12.

What comes next in the series: 10, 20, 30...? 40.



27. Find the odd one out: Red, Blue, Square, Green

Ans: Square

Additional Questions:

Find the odd one out: Apple, Mango, Banana, Chair Chair.

Find the odd one out: Cat, Dog, Cow, Table Table.

Find the odd one out: Car, Bus, Train, Orange Orange.

Find the odd one out: Pen, Book, Paper, Watermelon Watermelon.

28. Complete the analogy: Tree is to leaf as flower is to...?

Ans: Petal

Additional Questions:

Complete the analogy: Bird is to wing as fish is to...? Fin.

Complete the analogy: Dog is to bark as cat is to...? Meow.

Complete the analogy: Pen is to write as knife is to...? Cut.

Complete the analogy: Eye is to see as ear is to...? Hear.

29. Opposite of "Expensive"?

Ans: Cheap

Additional Questions:

Opposite of "Tall"? Short.

Opposite of "Hot"? Cold.



Opposite of "Happy"? Sad.

Opposite of "Weak"? Strong.

30. Opposite of "Slow"?

Ans: Fast

Additional Questions:

Opposite of "Light" (weight)? Heavy.

Opposite of "Young"? Old.

Opposite of "Near"? Far.

Opposite of "Empty"? Full.

31. Opposite of "Artificial"?

Ans: Natural

Additional Questions:

Opposite of "Difficult"? Easy.

Opposite of "Victory"? Defeat.

Opposite of "Beautiful"? Ugly.

Opposite of "Dry"? Wet.

32. The formula of kinetic energy?

Ans: $K.E = \frac{1}{2} mv^2$

Additional Questions:

The formula of potential energy? $P.E = mgh$.

The formula of force? $F = ma$.



The formula of work done? $\text{Work} = \text{Force} \times \text{Distance}$.
The formula of power? $\text{Power} = \text{Work} / \text{Time}$.

33. Unit of frequency?
Ans: Hertz (Hz)

Additional Questions:

Unit of electric current? Ampere (A).
Unit of resistance? Ohm (Ω).
Unit of power? Watt (W).
Unit of energy? Joule (J).

34. Unit of pressure?
Ans: Pascal (Pa) or N/m^2

Additional Questions:

Unit of force? Newton (N).
Unit of temperature? Kelvin (K).
Unit of length? Meter (m).
Unit of mass? Kilogram (kg).

35. Bang-e-Dara is written by?
Ans: Allama Iqbal



Additional Questions:

Who wrote the poem "Lab Pe Aati Hai Dua"? Allama Iqbal.

Who wrote "Shikwa" and "Jawab-e-Shikwa"? Allama Iqbal.

Who is known as the Poet of the East? Allama Iqbal.

Who wrote "Payam-e-Mashriq"? Allama Iqbal.

36. Electron was discovered by?

Ans: J.J. Thomson

Additional Questions:

Who discovered the neutron? James Chadwick.

Who discovered the proton? Ernest Rutherford.

Who discovered X-rays? Wilhelm Conrad Roentgen.

Who discovered radioactivity? Henri Becquerel.

37. How many districts are in Punjab?

Ans: 41

Additional Questions:

How many provinces are there in Pakistan? 4.

How many districts are there in Sindh? 29.

How many districts are there in Balochistan? 37.

How many districts are there in Khyber Pakhtunkhwa? 38.



38. Liaquat Ali Khan joined Muslim League in?

Ans: 1923

Additional Questions:

Who was the first Prime Minister of Pakistan? Liaquat Ali Khan.

In which year was the Objectives Resolution passed? 1949.

When was Liaquat Ali Khan assassinated? 1951.

In which city was Liaquat Ali Khan born? Karnal (India).

39. Periodic table discovered by?

Ans: Mendeleev

Additional Questions:

Who discovered oxygen? Joseph Priestley.

Who discovered hydrogen? Henry Cavendish.

Who discovered radium? Marie Curie.

Who discovered helium? Pierre Janssen and Norman Lockyer.

40. Capital of Iran?

Ans: Tehran

Additional Questions:

Capital of Afghanistan? Kabul.

Capital of China? Beijing.

Capital of Turkey? Ankara.

Capital of Saudi Arabia? Riyadh.



41. Arrange the country name "kistanp"?

Ans: Pakistan

Additional Questions:

Arrange the country name "aidnl"? India.

Arrange the country name "anihC"? China.

Arrange the country name "aisenlrtaA"? Austria.

Arrange the country name "ygrenHu"? Hungary.

42. NATO members?

Ans: 32

Additional Questions:

When was NATO formed? 1949.

What does NATO stand for? North Atlantic Treaty Organization.

Where is NATO headquarters located? Brussels, Belgium.

Which is the newest NATO member (as of 2025)? Sweden.

43. Formula of water?

Ans: H_2O

Additional Questions:

Formula of carbon dioxide? CO_2 .

Formula of methane? CH_4 .

Formula of ammonia? NH_3 .

Formula of sodium chloride? $NaCl$.



44. Water boiling point?

Ans: 100°C

Additional Questions:

Water freezing point? 0°C.

Normal human body temperature in Celsius? 37°C.

Boiling point of ethanol? 78°C.

Melting point of ice? 0°C.

45. $1397 \times 1397 = ?$

Ans: 1,951,609

Additional Questions:

$25 \times 25 = ?$ 625.

$50 \times 50 = ?$ 2,500.

$75 \times 75 = ?$ 5,625.

$100 \times 100 = ?$ 10,000.

46. Least count of screw gauge?

Ans: 0.01 mm

Additional Questions:

Least count of vernier caliper? 0.02 mm.

Least count of spherometer? 0.01 mm.



Least count of standard ruler? 1 mm.
Least count of micrometer? 0.01 mm.

47. Shortcut key of cut?
Ans: Ctrl + X

Additional Questions:

Shortcut key of copy? Ctrl + C.
Shortcut key of paste? Ctrl + V.
Shortcut key of undo? Ctrl + Z.
Shortcut key of save? Ctrl + S.

48. Computer was discovered by?
Ans: Charles Babbage

Additional Questions:

Who is called the Father of Computer? Charles Babbage.
Who invented the World Wide Web? Tim Berners-Lee.
Who invented the first mechanical computer? Charles Babbage.
Who invented the first programmable computer? Konrad Zuse.

49. Brain of computer?
Ans: CPU



Additional Questions:

Main storage unit of computer? Hard Drive.

Main memory of computer? RAM.

Temporary storage memory of computer? Cache.

Main input device of computer? Keyboard.

50. First Battle of Panipat?

Ans: Zaheer ud Din Babur vs Ibrahim Lodhi (1526)

Additional Questions:

Second Battle of Panipat was fought in which year? 1556.

Third Battle of Panipat was fought in which year? 1761.

Who won the First Battle of Panipat? Babur.

Which empire was established after the First Battle of Panipat?

Mughal Empire.



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