

Cadet / Military / PAF Colleges

INTERVIEW GUIDE



ACADEMIC SOLUTIONS &
ASSESSMENT NETWORK

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Part # 1

ASAN Interviews (Only Questions)

Interview # 1

- Q 1. Introduce Yourself.
- Q 2. Who was the last viceroy of India?
- Q 3. Who read out the Pakistan Resolution?
- Q 4. What are two main seasonal crops in Pakistan?
- Q 5. A group of 30 people Race.....10% qualified each got 5000. How much amount was distributed?
- Q 6. $7083 - 10 + 2020$
- Q 7. Square of 23?
- Q 8. Solar year of many days? and lunar year?
- Q 9. VP means?
- Q 10. LCM and HCF of 8 & 10
- Q 11. 11% of a number is 132, what is the number?
- Q 12. Difference between mass & weight
- Q 13. If pay is \$500 per month than one day earning will be?
- Q 14. 8% of 500?
- Q 15. 12% of 500 achieved targets
- Q 16. When did Quaid-e-Azam become member of Congress?
- Q 17. LCM & HCF of 6 & 15.
- Q 18. 12% of a number is 144, what is the number?
- Q 19. 30 labourers can load 1500 bricks, 50 labourers will pick how many bricks?
- Q 20. What does gravity depend on?
- Q 21. Name the ways of heat transfer.
- Q 22. What is speed of light in vacuum?
- Q 23. $287 - 902 = ?$
- Q 24. $362 + 368 = ?$
- Q 25. What is 7% of 730 = ?
- Q 26. $2x^3 + 3x^3 + 19 = 59$
- Q 27. $5x^3 = 59 + 19 + 42$
- Q 28. $5x^3 = 40$; $x^3 = ?$, $x = ?$
- Q 29. If $x = 2$ then $3x^2 + 2x^3 = ?$
- Q 30. Bordering countries of Pakistan?
- Q 31. Why city of Tehran is famous?
- Q 32. Distance between sun & earth?
- Q 33. Light reaches on earth in ?
- Q 34. Speed of light in Km/s?

- Q 35. Our Galaxy name?
- Q 36. 23rd March 1940, what happened?
- Q 37. LCM & HCF of 8 & 12?
- Q 38. 25 men can construct a building in 120 days. How many men are required to construct a building in 100 days?
- Q 39. Circle area $169 \pi \text{ cm}^2$ = what is the radius?
- Q 40. Define unit of weight?
- Q 41. In a swimming pool the speed of torch light will increase or decrease?
- Q 42. $497/7 = ?$
- Q 43. $2x + 29 = 25$
- Q 44. $x^2 + 2x^2 + 28 = 76$
- Q 45. $3x = 28 + 28 + 28$
- Q 46. $x^2 = 48/3 = 16$, then x^3 ?
- Q 47. $x = ?$, When $3x^2 = 75$
- Q 48. Carps..... Corps Council..... Counsel. Describe the meaning?
- Q 49. LCM & HCF of 9 & 12?
- Q 50. Rectangle = 90 cm, L = 25cm, w = 45 - 25 = 20cm. Find Area.

Interview # 2

- Q 1. Introduce Yourself.
- Q 2. 25 men can construct a building in 120 days. How many men are required to construct a building in 75 days?
- Q 3. How long earth takes to revolve around the sun?
- Q 4. Unit of weight?
- Q 5. $3x^2 + 2x^2 + 18 = 68$, then $x^2 = ?$
- Q 6. $4x^2 = 100$, then $x = ?$
- Q 7. $x^2 = 10$, then $3x^2 + 2x^2$
- Q 8. $376 \times 5 = ?$
- Q 9. Some important personalities in Pakistan history?
- Q 10. Who is American President now?
- Q 11. Where is Iceland located?
- Q 12. What reaction is happening at sun, right now?
- Q 13. LCM & HCF of 9 & 15 ?
- Q 14. Mass & Weight.....Difference?

- Q 15. Rectangle Perimetre = 110 cm, L = 35, W = ?
- Q 16. If light falls on shiny surface? What will happen to it?
- Q 17. $x + 2x + 33 = 141$. Then $x = ?$
- Q 18. If $3x^3 = 108$ then $x^3 = ?$
- Q 19. If $x^2 = 36$ then $4x^2 = ?$
- Q 20. 30 boys are in a class. 30% boys are absent on a day. How many boys present?
- Q 21. 20 boys proceed on picnic. Each one's contribution is Rs.250. How much amount is collected?
- Q 22. 39×20
- Q 23. Oman's Capital? Russia's Capital? Brazil's capital?
- Q 24. $21 \times 750 = ?$
- Q 25. Where are located Swiss canal and Panama Canal?
- Q 26. LCM & HCF of 12 & 18 ?
- Q 27. A Square has area = 225 cm^2 . Its dimension is
- Q 28. $18 - 3 \times 1 / 3 + 5 = ?$
- Q 29. Group of 30 people attended a test. 30% qualified. Prize of each Rs. 5200/-. How much total amount?
- Q 30. Light takes how much time between sun & earth?
- Q 31. How many natural elements are found?
- Q 32. How many total elements are found in nature.
- Q 33. What is the weight of 8 kg gold?
- Q 34. Name man made elements?
- Q 35. 40 Labourers can make 1600 bricks, 60 labourers will make bricks?
- Q 36. 720 skipping in one hour then 180 skipping in how much time?
- Q 37. Heat transfer methods?
- Q 38. Removal of air from a pot is done by which instrument?
- Q 39. Countries of South America?
- Q 40. Do you like Maths or English?
- Q 41. Effect.... affect. What is difference?
- Q 42. $85 / 1000 = ?$
- Q 43. $5.4 / .9 = ?$
- Q 44. Light need timing to travel 5000 km?
- Q 45. What is $\frac{12}{17}$ of 850
- Q 46. Which are bordering countries of Turkey?
- Q 47. LCM & HCF of 6 & 15?

- Q 48. 25 men complete a building in 120 days. How many men are required to complete a building in 100 days?
- Q 49. What is mass for weight of 15 Newton?
- Q 50. Name the parts of General Science.

Interview # 3

- Q 1. Introduce Yourself.
- Q 2. Why does sun rise from the east?
- Q 3. $329 / 7 = ?$
- Q 4. What did Quaid-e-Azam say about Kashmir?
- Q 5. How many oceans are there?
- Q 6. Five countries in Europe?
- Q 7. LCM & HCF of 8 & 10?
- Q 8. 30 Labourers can make 1500 Bricks. 50 Labourers can make bricks?
- Q 9. If weight is 10 Newton, then mass?
- Q 10. Speed of light in water?
- Q 11. Volume of air in room 5 m long 4 m high and 4m wide.
- Q 12. Word Urdu belongs to which language.
- Q 13. Physics means?
- Q 14. Why does sun set in the West?
- Q 15. $2019 + 8101 = ?$
- Q 16. $52 \times 13 = ?$
- Q 17. Coup. Tell the meaning.
- Q 18. Adopt & Adapt. Tell the difference.
- Q 19. $85 / 1000 = ?$
- Q 20. HCF & LCM of 6 & 15?
- Q 21. Skipping 720 times in 1 hour....how much in 30 minutes?
- Q 22. Weight & Mass at Jupiter if on Earth it is 100 kg?
- Q 23. $39 \times 19 = ?$
- Q 24. Why moon rises from the east?
- Q 25. What is meant by stationary?
- Q 26. LCM & HCF OF 8 & 12
- Q 27. 12% of a number is 144, what is the number?
- Q 28. $x^2 + 3x^2 + 43 = 79$, $x = ?$
- Q 29. 30% of a number is 150. What is that number?
- Q 30. Name largest country?
- Q 31. Name industrial cities of Pakistan?
- Q 32. How do we measure electric resistance?
- Q 33. Metals expand when heated; when cool what happened?
- Q 34. Any metal when put in water, floats?
- Q 35. Why do sun & moon rise at the same time?

- Q 36. What is the importance of 5 February?
- Q 37. What is HAMA?
- Q 38. LCM & HCF of 9 & 12?
- Q 39. A rectangle has $L = 25\text{cm}$ and $W = 20$. Find perimeter.
- Q 40. 200 Men can consume a ration in 50 days, then 250 men will consume ration in how many days?
- Q 41. $85 / 1000 = ?$
- Q 42. $5.4 / .09 = ?$
- Q 43. $3x = 48$ so $x^2 = ?$
- Q 44. $x^2 + 2x^2 + 28 = 76$ $x^2 = ?$
- Q 45. $x^2 = 16$ then $x = ?$
- Q 46. Compliment, complement. Describe.
- Q 47. Where metals lie in periodic table?
- Q 48. Groups identification means.
- Q 49. Name countries of Africa.
- Q 50. A shop selling 100 pieces of carbon of \$90000 and the second shop sells carbon 100 pieces for \$100000. Find discount percentage on first shop?

Interview # 4

- Q 1. Introduce Yourself.
- Q 2. LCM & HCF of 9 & 15 ?
- Q 3. 25 men complete a building in 60 days. How many men are required to complete a building in 50 days?
- Q 4. Name four caliphs
- Q 5. Four countries in Africa
- Q 6. Why do we have a leap year?
- Q 7. Speed of light in air?
- Q 8. Gravity depends on what?
- Q 9. Contribution question ? Out of 30 boys 20% boys turn up. How many boys turned up?
- Q 10. $24 \times 750 = ?$
- Q 11. How many continents are there?
- Q 12. Islamic calendar days?
- Q 13. What is meant by AD? BC?
- Q 14. What is the use of vitamin D?
- Q 15. Why does the season change?
- Q 16. LCM & HCF of 12 & 18...?
- Q 17. 200 men have rationed for 60 days. 240 men will have the rationed for how many days?
- Q 18. Weight on Planet Jupiter if it is 100 pounds on Earth.
- Q 19. If it is hot out side, which colour clothes you will wear?
- Q 20. 6% of a number 144. What is the Number?
- Q 21. Which are prime numbers?
- Q 22. How many months having 31 days in a year?
- Q 23. Plural of handkerchief _____?
- Q 24. Singular of Data
- Q 25. $1.4 \times .4 = ?$
- Q 26. $12000 - 2.5 / 100 \times 1000 = ?$
- Q 27. Area of square is 196 cm^2 What are sides?
- Q 28. 30 labourers can make 1500 bricks. 50 Labour will make how many bricks?
- Q 29. $408 + 804 = ?$
- Q 30. Why 5th February is important day for Pakistan.
- Q 31. LCM and HCF of 8 & 10 = ?
- Q 32. Multiples of 8 = ?
- Q 33. Energy transfer = ?
- Q 34. 21 Square meter = _____ cm^2
- Q 35. What is H_2SO_4 and HCl ?
- Q 36. $\text{C}_6\text{H}_{12}\text{O}_6$
- Q 37. Name forms of energy.
- Q 38. Group of 40 had a race. 10% qualified. Qualified persons are awarded @ Rs.2000 each. Find total award money?
- Q 39. Traffic signals lights. What does red signal mean?
- Q 40. Why yellow colour is used?
- Q 41. Rivers of Pakistan?
- Q 42. HCF & LCM of 8 and 12.
- Q 43. If 110cm is the perimeter of a rectangle whose $L = 35\text{cm}$. find its width.
- Q 44. 25 men can build a building in 90 days. How many men are required to complete a building in 75 days.
- Q 45. $x^2 + 4x^2 + 37 = 57$. Find $x = ?$
- Q 46. $5x^2 = 20$, then x^2 .
- Q 47. $x^2 = 4$ $x = ?$
- Q 48. What is weight on planet mercury, if on Earth its weight is 100N?
- Q 49. It is very cold our side, which colour clothes you will prefer?
- Q 50. Name the heat transfer ways.

Interview # 5

- Q 1. Introduce Yourself.
- Q 2. In room air, what is speed of sound?

- Q 3. $52 \times 13 = ?$
 Q 4. 40 boys of a class went for picnic. 15% did not come. Remaining boys contribute Rs.850/- per head. How much total amount was collected.....
 Q 5. Square of $23 \times 23 =$
 Q 6. In Pakistani flag white colour denotes to what?
 Q 7. Water is measured in cusecs, what is that?
 Q 8. What is the use of thermometer?
 Q 9. Symbol of Gold?
 Q 10. Differentiate between bay, strait and canal?
 Q 11. LCM & HCF of 6 and 15?
 Q 12. 720 times in 1 hour? How much in 15 minutes?
 Q 13. What is isosceles triangle?
 Q 14. State dimensions of a common room.
 Q 15. Define electrical circuit.
 Q 16. $5 + 6 \times 7 =$
 Q 17. $\frac{1}{2} + \frac{1}{3} = ?$
 Q 18. Aptitude.....Attitude
 Q 19. $7105 - 883 = ?$
 Q 20. A rooms is 15×12 . Find cost of carpet as per Rs.180/m².
 Q 21. 40 boys is a class. 70% class is absent. Rest are given Rs.730 per head. Find the amount.
 Q 22. Where is Morroco located?
 Q 23. Who was Tariq Bin Ziyad?
 Q 24. When did Quaid join All India Muslim League?
 Q 25. How many crossing points of Pakistan and India?
 Q 26. Whirlwind cyclon Huricane.....? Tsunomy.....? Describe the difference.
 Q 27. LCM & HCF of 8 and 12?
 Q 28. Rectangle Perimeter = 90 cm, L= 35cm, What will be width?
 Q 29. 40 Labourers can make brick 16000 in a day. 60 labourers can make how many bricks in a day.
 Q 30. $x^2 + 3x^2 + 43 = 79$; $x^2 = ?$
 Q 31. If $4x^2 = 36$ then $4x^3 = ?$
 Q 32. $x^2 = 16$ then $2x^3 =$
 Q 33. If $x = 2$ then $3x^3 = ?$
 Q 34. Longest river of the world?
 Q 35. Write difference between mass and weight.
 Q 36. Write weight/mass relationship.
 Q 37. Define Parallel and series circuits.
 Q 38. What does casual mean?
 Q 39. Tell forms of verbs of fly and draw.
 Q 40. Name parts of a planet?
 Q 41. Who invented bulb?
 Q 42. $885 + 588 = ?$
 Q 43. $397 / 7 = ?$
 Q 44. LCM & HCF of 8 and 10?
 Q 45. 80 Labourers can make 1600 bricks in a day. 50 labourers can make how many bricks in a day.
 Q 46. If it is hot out side, then going out with dark clothes will mean?
 Q 47. Scattered knowledge means?
 Q 48. Define organic and inorganic compounds?
 Q 49. What does cognitive mean?
 Q 50. What is selective exposure or selective perception?

Interview # 6

- Q 1. Introduce Yourself.
 Q 2. $904 + 904 =$
 Q 3. $21 \times 21 = ?$
 Q 4. Name three rivers of Pakistan.
 Q 5. What is the use of bearing?
 Q 6. LCM and HCF of 6 & 15
 Q 7. $7 - 3 + 18 = ?$
 Q 8. What does corpse mean?
 Q 9. $4 + 3 \times 2 =$
 Q 10. $5.4 / 0.9 = ?$
 Q 11. $10^{-13} / 10^{-8} \dots\dots\dots ?$
 Q 12. For what NATO stands?
 Q 13. 12% of 850 = ?
 Q 14. Who invented bulb? What else Edison did?
 Q 15. What does entomology mean?
 Q 16. Which continent having least number of countries?
 Q 17. What is Oceania?
 Q 18. LCM & HCF of 8 & 10 ?
 Q 19. If 25 men make a building in 90 days. How many men are required to make a building in 75 days?
 Q 20. What is the unit of mass?
 Q 21. 40 boys class. 20% absent then present boys?
 Q 22. Layers of earth?
 Q 23. LCM & HCF of 9 & 12?
 Q 24. 40 boys are in a class. 30% absent. The present

students contributed Rs. 300 each. Find the amount?

- Q 25. 93% marks were obtained by 10 boys in a class of 20 boys. 6 boys got 90% and remaining got 85%. What %age of class got 85% marks?
- Q 26. How many are there countries in the world?
- Q 27. Where are Carabian Iselands located?
- Q 28. Earth revolves for 365 days. Find hours.
- Q 29. When was 1st constitution of Pakistan promulgated?
- Q 30. $5 + 6 \times 7 = ?$
- Q 31. LCM and HCF of 9 & 15?
- Q 32. A square has area = 256 cm^2 . Find dimensions?
- Q 33. Define maths.
- Q 34. 30% of a number is 90, what is the number?
- Q 35. $85 / 1000 = ?$
- Q 36. $2x^3 + 3x^3 + 19 = 59$. Find $5x^3 = ?$
- Q 37. If $5x^3 = 40$ then $x^3 = ?$
- Q 38. If $x^3 = 8$. Then $x = ?$
- Q 39. Earth completes its revolution around the Sun in how many days?
- Q 40. Inner layers of earth?
- Q 41. 1 Billion = how many million.
- Q 42. LCM and HCF of 12 & 15?
- Q 43. A rectangle has perimeter = 90cm and $L = 25\text{cm}$. Find $W = ?$
- Q 44. Skipping 720 times in 1 hour. How much in 20 minutes?
- Q 45. How much will be your weight at Saturn, if you have 200 pounds on Earth?
- Q 46. Gravity depends on what factor?
- Q 47. $52 \times 19 = ?$
- Q 48. Historical places of Pakistan?
- Q 49. Condemn means?
- Q 50. The distance of earth from sun?

Interview # 7

- Q 1. Introduce Yourself.
- Q 2. LCM & HCF of 12 & 18?
- Q 3. $256 \pi \text{ cm}^2$ is the Area of circle. What is its radius?
- Q 4. 25 men make a building in 120 days. How many men are required to make a building in 100 days?
- Q 5. What will be the weight on Jupiter, if it is 100 kg on Earth? Increase/decrease?
- Q 6. How removal of hot air from a room takes

place?

- Q 7. Define pollination
- Q 8. $6 - 2 / \frac{1}{2} + 10 = ?$
- Q 9. Rashid said to Abid "Please come and have dinner with me at night" Change the narration.
- Q 10. Why do we have seasons.....?
- Q 11. Who was the Indian viceroy at the time of independence of subcontinent.....?
- Q 12. When & Where was all India Muslim League formed?
- Q 13. What does SAARC mean?
- Q 14. NATO means?
- Q 15. LCM and HCF of 8 & 10?
- Q 16. 30 Labourers can make 1500 bricks. 80 labourers will make how many bricks?
- Q 17. What is the function of a carborator?
- Q 18. Name some PAF Shuhadas?
- Q 19. Why is M.M Alam famous?
- Q 20. What does science mean?
- Q 21. What is physics
- Q 22. $1.4 \times .4 = ?$
- Q 23. $1009 + 711 = ?$
- Q 24. 25% of a number is 750. What is the number
- Q 25. What is Rashtra Patti Bahwan?
- Q 26. Canada's Capital?
- Q 27. Who invented telephone?
- Q 28. Sun light reaches to Earth in how much time?
- Q 29. Total elements on periodic table?
- Q 30. LCM and HCF of 6 & 15?
- Q 31. If a rectangle has perimeter 110 cm. Length = 35 cm. What will be its width?
- Q 32. Weigh on moon?
- Q 33. $x^2 + 3x^2 + 43 = 79$. Then $4x^2 = ?$
- Q 34. If $4x^2 = 36$, then $2x^2 = ?$
- Q 35. If $x^2 = 9$ then $x = ?$
- Q 36. $804 - 408 = ?$
- Q 37. $392 / 7 \dots\dots\dots ?$
- Q 38. $7 - 3 / \frac{1}{3} + 16 \dots\dots\dots ?$
- Q 39. Geography means?
- Q 40. What is an element? Write symbol for Iron, Gold and Uranium.
- Q 41. Name important cities of China.
- Q 42. LCM & HCF of 8 & 10?
- Q 43. If rectangle has perimeter 90 cm. $L = 25$. What will be width?
- Q 44. $x^2 + 3x^2 + 43 = 79$. Then $4x^2 = ?$
- Q 45. If $4x^2 = 36$. Then $12x^2$ and $x^2 = ?$

- Q 46. If $x^2 = 9$, then $x = ?$
 Q 47. If weight on Earth is 70 kg. What will be mass on Mars?
 Q 48. Woollen or cotton. Which coat is more hot?
 Q 49. What is torch light speed in water?
 Q 50. Equation $7 + \dots + 19 = 31$

Interview # 8

- Q 1. Introduce Yourself.
 Q 2. $408 + 804 = ?$
 Q 3. 30 boys in a class, One day 20% do not go on picnic. Rest to contribute 800 each. How much money collected?
 Q 4. Name the South Asian countries.
 Q 5. Name SAARC members.
 Q 6. Dead Sea is located in which continent?
 Q 7. Highest point of the world and deepest point?
 Q 8. Difference between botany and zoology.
 Q 9. Distance between sun & earth?
 Q 10. Light reaching time is 1 min 26 sec then how far is the star.
 Q 11. Mauritania is a country of which continent?
 Q 12. LCM & HCF of 6 & 15?
 Q 13. Square has each side 8m. Its perimeter?
 Q 14. $x^3 + 2x^3 = 24$. Find x .
 Q 15. If weight on Earth is 75 N then weight on Mars will be?
 Q 16. Weight on Jupiter increases. Why?
 Q 17. Define refraction of light?
 Q 18. $2 + 3 \times 9 \div 3 = ?$
 Q 19. What is Science?
 Q 20. Define Electrolysis.
 Q 21. Plants make food. How?
 Q 22. What is force?
 Q 23. $711 + 117 = ?$
 Q 24. $392 \div 7 = ?$
 Q 25. Square of 21?
 Q 26. 40 People join a race. 30% qualify. How many qualified??
 Q 27. Name the world largest canals.
 Q 28. Name capital of China.
 Q 29. LCM & HCF of 8 & 12?
 Q 30. $804 + 408?$
 Q 31. $714 \div 7 \dots\dots?$
 Q 32. 40 boys class. 20% boys were absent. Contribution @ Rs.500. Find the amount?
 Q 33. Name cities of France.

- Q 34. LCM & HCF of 9 & 12?
 Q 35. $1/2, 1/6, \dots\dots 1/8$. Ascending order or descending order.
 Q 36. 200 men have ration for 50 days. For 250 men this ration for how many days?
 Q 37. $x^2 + 5x^2 + 30 = 54$. Find $6x^2 = ?$
 Q 38. If $6x^2 = 24$, then $x = ?$
 Q 39. $5x^2 = 80$. Find $x = ?$
 Q 40. Weight on Venus if it is 100 pounds on Earth?
 Q 41. What will be the room state in the absence of air?
 Q 42. $5 + 4 \times 3 = ?$
 Q 43. Table of 14?
 Q 44. HCF & LCM of 12 & 15?
 Q 45. 720 times skipping in 1 hour. What will be 20 minutes skipping?
 Q 46. 12% of a number is 144. What is the number?
 Q 47. Room without air is called?
 Q 48. Describe phenomenon of light.
 Q 49. In denser medium does the light ray goes towards the normal?
 Q 50. In lighter medium coming from denser do it go away from the normal?

Interview # 9

- Q 1. Introduce Yourself.
 Q 2. Forms of energy.
 Q 3. What does potential mean.
 Q 4. $43 \times 23 \dots\dots?$
 Q 5. $932 \div 8 \dots\dots?$
 Q 6. $8 - 3 \div \frac{1}{4} + 10 \dots\dots?$
 Q 7. Old names of Faisalabad?
 Q 8. Importance of capital of a country?
 Q 9. The continent least populated?
 Q 10. The continent least number of countries?
 Q 11. Solar system contains how many planets.
 Q 12. LCM & HCF of 9 & 15?
 Q 13. If rectangle has perimeter 440 cm. $W = 100$. What will be L ?
 Q 14. 200 soldiers Have 60 days ration..... 240 soldiers will need how much for.....?
 Q 15. Where was Quaid - e- Azam born? Where was Quaid died?
 Q 16. Second last viceroy of sub continent?
 Q 17. $25 \times 24 = ?$
 Q 18. Why does a boat float and a needle drowns?

- Q 19. What is CPEC?
- Q 20. Where is Ghazni? Qilla Saifullah? D.G Khan? D I Khan?
- Q 21. $6 - 6 / 1/6 + 66 = ?$
- Q 22. $28 \times 20 = ?$
- Q 23. LCM & HCF of 12 & 18?
- Q 24. 25 men can make a building in 90 days. How many men are required to complete a building in 75 days?
- Q 25. If it is hot out side then cloth of which colour suit?
- Q 26. What is room temperature in winter and summer in Islamabad?
- Q 27. What will happen to your weight if you are same sent to Venus planet?
- Q 28. Gravity depends on?
- Q 29. $23 \times 23 = ?$
- Q 30. $218 + 319 = ?$
- Q 31. 3 tolas of Gold @ Price Rs. 60000/- per tola. Calculate Zakat?
- Q 32. What is speed of light?
- Q 33. How much the earth is tilted on its own axis?
- Q 34. What is the magnet field lines? Direction.....?
- Q 35. LCM & HCF of 8 & 10?
- Q 36. $7 - 5 / 1/3 + 21 = ?$
- Q 37. If $2/3$ of a number is 150. What is that number?
- Q 38. LCM & HCF of 9 & 12 ?
- Q 39. 25 men Made a building..... 120 days..... How many mens are required to make a building in 100 days.....?
- Q 40. Earth takes time to revolve around the Sun?
- Q 41. What is the speed of light in vacuum?
- Q 42. What are primary branches of science?
- Q 43. What is environment?
- Q 44. Name the types of pollution?
- Q 45. What is Ozone layer?
- Q 46. Total elements on periodic table
- Q 47. $19 \times 19 = 19 \times 20 - 19?$
- Q 48. $8 - 3 / 1/8 + 40 = 8 - 3 \times 8/1 + 40 = ?$
- Q 49. Square root of 196?
- Q 50. Sun light reaches to the Earth?
- Q 4. Name South America continent countries.
- Q 5. Name the dames of Pakistan.
- Q 6. LCM & HCF of 9 & 15?
- Q 7. $712 - 288 = ?$
- Q 8. If 40 labourers make 1600 bricks, then 70 labourers will make bricks?
- Q 9. Find mass if weight is 480 N.
- Q 10. Differentiate between facilitate and felicitate.
- Q 11. Mr. Hamid said to Arshad "Honesty is the best policy." Change the narration.
- Q 12. Square of 18?
- Q 13. $1.4 \times 0.4 = ?$
- Q 14. $6 - 2 / 1/9 + 36 = ?$
- Q 15. What is the system of govt in Pakistan?
- Q 16. LCM and HCF of 12 & 15 = ?
- Q 17. Name five pillars of Islam?
- Q 18. $17 \times 17 = ?$ Unit of energy? Unit of distance?
- Q 19. Unit of weight? Unit of heat?
- Q 20. $11.4 \times 0.4 = ?$
- Q 21. Cites of Pakistan famous for cotton industry?
- Q 22. Sun light reaches the earth in how many seconds?
- Q 23. Why sun rises in the east?
- Q 24. LCM & HCF of 18 & 8 = ?
- Q 25. If Area of square 225 cm^2 then sides = ?
- Q 26. If 15 men can make building in 90 days. How many men are required to build the same building in 75 days?
- Q 27. If weight is 198 Newton, then mass will be?
- Q 28. 11 % of a number is 121. What is the number?
- Q 29. $6 \times 8 \div 4 + 2 = ?$
- Q 30. Out of total 30 students, 20% are absent. Only 25% of the remaining to reach destination. What is that number?
- Q 31. $3 \times 4 \div 2 + 3 = ?$
- Q 32. $12 \times 6 \div 2 - 3 = ?$
- Q 33. $4 + 5 \times 6 = ?$
- Q 34. $2x^2 + 3x^2 + 19 = 59$. Find $5x^2 = ?$
- Q 35. If $5x^2 = 40$, then $x^2 = ?$
- Q 36. If $x^2 = 8$, then find $x = ?$
- Q 37. Name cites famous for sports goods.
- Q 38. Where is Skardu?
- Q 39. Who read out the Pakistan resolution?
- Q 40. What is water cycle?
- Q 41. LCM & HCF of 8 & 20 = ?
- Q 42. 200 soldiers have ration for 50 days. 250 soldiers the same ration for how many days?

Interview # 10

- Q 1. Introduce yourself.
- Q 2. What is SAARC?
- Q 3. Members of SAARC.

- Q 48. Who is Prime Minister of Bangladesh?
 Q 49. Who is Prime Minister of Iran?
 Q 50. Who is Prime Minister of Iraq?
 Q 51. Who is Prime Minister of Saudi Arabia?
 Q 52. Who is Prime Minister of Russia?
 Q 53. Who is Prime Minister of U.K?
 Q 54. Who is Prime Minister of Canada?
 Q 55. Who is Prime Minister of Germany?

- Q 56. Who is Prime Minister of France?
 Q 57. Who is Prime Minister of Sri Lanka?
 Q 58. Who is Prime Minister of Nepal?
 Q 59. Who is Prime Minister of Bhutan?
 Q 60. Who is Prime Minister of Japan?
 Q 61. Who is Prime Minister of Australia?
 Q 62. Who is Prime Minister of Indonesia?
 Q 63. Who is Prime Minister of Malaysia?

ASAN Interviews (Questions with Answers)

Interview # 1

- Q 1. Introduce Yourself.
 Ans: Self explanatory
 Q 2. Who was the last viceroy of India?
 Ans: Lord Mountbatten
 Q 3. Who read out the Pakistan Resolution?
 Ans: A.K. Fazlul Haq presented the Lahore Resolution in 1940.
 Q 4. What are two main seasonal crops in Pakistan?
 Ans: Rabi crops and Khareef crops.
 Q 5. A group of 30 people Race.....10% qualified each got 5000. How much amount was distributed?
 Ans: Rs.15,000.
 Q 6. $7083 - 10 + 2020$
 Ans: 9093
 Q 7. Square of 23?
 Ans: 529
 Q 8. Solar year of many days? and lunar year?
 Ans: Solar year 365 days, Lunar Year is of 354 days.
 Q 9. VP means?
 Ans: VP means vice president.
 Q 10. LCM and HCF of 8 & 10
 Ans: $HCF = 2$ and $LCM = 40$
 Q 11. 11% of a number is 132, what is the number?
 Ans: 1200
 Q 12. Difference between mass & weight
 Ans: Mass is the measure of amount of matter in an object. Weight is the gravitational force with which the earth attracts the masses towards its

centre.

- Q 13. If pay is \$500 per month than one day earning will be?
 Ans: \$16.67 per day.
 Q 14. 8% of 500?
 Ans: 40
 Q 15. 12% of 500 achieved targets
 Ans: 60
 Q 16. When did Quaid-e-Azam become member of Congress?
 Ans: In 1906.
 Q 17. LCM & HCF of 6 & 15.
 Ans: $HCF = 3$ and LCM is 30.
 Q 18. 12% of a number is 144, what is the number?
 Ans: 1200
 Q 19. 30 labourers can load 1500 bricks, 50 labourers will pick how many bricks?
 Ans: 2500 bricks.
 Q 20. What does gravity depend on?
 Ans: Gravity (g) depends directly upon the masses of the objects and is inversely proportional upon the distance between the objects required.
 Q 21. Name the ways of heat transfer.
 Ans: Conduction, convection and radiation..
 Q 22. What is speed of light in vacuum?
 Ans: 3×10^8 m/s
 Q 23. $287 - 902 = ?$
 Ans: -615
 Q 24. $362 + 368 = ?$
 Ans: 730
 Q 25. What is 7% of 730 = ?
 Ans: 51.1

Q 26. $2x^3 + 3x^3 + 19 = 59$

Ans: $5x^3 = 59 - 19$

So $5x^3 = 40$, $x^3 = 8$ So $x = 2$

Q 27. $5x^3 = 59 + 19 + 42$

Ans: $5x^3 = 120/5 = 24$

Q 28. $5x^3 = 40$; $x^3 = ?$, $x = ?$

Ans: $x^3 = 8$ & $x = 2$

Q 29. If $x = 2$ then $3x^2 + 2x^3 = ?$

Ans: 28

Q 30. Bordering countries of Pakistan?

Ans: China, Afghanistan, Iran, India.

Q 31. Why city of Tehran is famous?

Ans: Capital of Iran.

Q 32. Distance between sun & earth?

Ans: 147.99 million km = 150 million km (approx).

Q 33. Light reaches on earth in ?

Ans: 8 minutes + 20 seconds.

Q 34. Speed of light in Km/s?

Ans: 3×10^5 km/sec.

Q 35. Our Galaxy name?

Ans: Milky way Galaxy

Q 36. 23rd March 1940, what happened?

Ans: Pakistan Resolution was presented in Lahore.

Q 37. LCM & HCF of 8 & 12?

Ans: HCF = 4 and LCM = 24

Q 38. 25 men can construct a building in 120 days. How many men are required to construct a building in 100 days?

Ans: 30 men

Q 39. Circle area $169 \pi \text{cm}^2$ = what is the radius?

Ans: 13 cm

Q 40. Define unit of weight?

Ans: Newton is the unit of weight. One Newton is the force which gives a mass of 1 kg and acceleration of 1 metre per second² (1m/s²)

Q 41. In a swimming pool the speed of torch light will increase or decrease?

Ans: Speed of light in water is 225000 km/s. and it is less than speed in air.

Q 42. $497/7 = ?$

Ans: 71

Q 43. $2x + 29 = 25$

Ans: -2

Q 44. $x^2 + 2x^2 + 28 = 76$

Ans: $3x^2 = 76 - 28 = 48$ So $x = \sqrt{16} = 4$

Q 45. $3x = 28 + 28 + 28$

Ans: $x = 28$

Q 46. $x^2 = 48/3 = 16$, then $x^3 = ?$

Ans: 64

Q 47. $x = ?$, When $3x^2 = 75$

Ans: $x = 5$

Q 48. Carps..... Corps

Council.....Counsel. Describe meaning?

Ans: Carps means find faults, corpse means dead body. Council means administrative body. Counsel means consult.

Q 49. LCM & HCF of 9 & 12?

Ans: HCF = 3, LCM = 36

Q 50. Rectangle = 90 cm, L = 25cm, w = 45 - 25 = 20cm. Find Area.

Ans: Area = length $\times$ width
Area = $20 \times 25 = 500 \text{cm}^2$

Interview # 2

Q 1. Introduce Yourself.

Ans: Self explanatory

Q 2. 25 men can construct a building in 120 days. How many men are required to construct a building in 75 days?

Ans: 40 men.

Q 3. How long earth takes to revolve around the sun?

Ans: One year.

Q 4. Unit of weight?

Ans: Newton

Q 5. $3x^2 + 2x^2 + 18 = 68$, then $x^2 = ?$

Ans: $x^2 = 10$

Q 6. $4x^2 = 100$, then $x = ?$

Ans: $x = 5$

Q 7. $x^2 = 10$, then $3x^2 + 2x^2$

Ans: $5 \times 10 = 50$

Q 8. $376 \times 5 = ?$

Ans: 1880

Q 9. Some important personalities in Pakistan history?

Ans: Quaid-e-Azam, Allama Iqbal, Chaudhry Rehmat Ali, Liaquat Ali Khan.

Q 10. Who is American President now?

Ans: Joe Biden (46th).

Q 11. Where is Iceland located?

Ans: Its neighbours are Norway, Greenland and U.K.

- Q 12.** What reaction is happening at sun, right now?
 Ans: Nuclear fusion reactions.
- Q 13.** LCM & HCF of 9 & 15 ?
 Ans: HCF = 3, LCM = 45
- Q 14.** Mass & Weight.....Difference?
 Ans: Mass is the measure of amount of matter in an object. Weight is the gravitational force with which the earth attracts the masses towards its centre.
- Q 15.** Rectangle Perimetre = 110 cm, L = 35, W = ?
 Ans: $P = 2(\text{length} + \text{width})$
 So $W = 20$ cm.
- Q 16.** If light falls on shiny surface? What will happen to it?
 Ans: The light reflects back from the shiny surface in the same medium.
- Q 17.** $x + 2x + 33 = 141$. Then $x =$?
 Ans: 36 ($3x = 141 - 33 = 108$)
- Q 18.** If $3x^3 = 108$ then $x^3 =$?
 Ans: $x^3 = 36$ Ans
- Q 19.** If $x^2 = 36$ then $4x^2 =$?
 Ans: $x^2 = 36$ then $4x^2 = 4 \times 36 = 144$ Ans.
- Q 20.** 30 boys are in a class. 30% boys are absent on a day. How many boys present?
 Ans: $30 - 9 = 21$ Ans.
- Q 21.** 20 boys proceed on picnic. Each one's contribution is Rs.250. How much amount is collected?
 Ans: Rs.5000/-
- Q 22.** 39×20
 Ans: $= 780$
- Q 23.** Oman's Capital? Russia's Capital? Brazil's capital?
 Ans: Oman-Muscat, Russia-Moscow, Brazil-Brasilla.
- Q 24.** $21 \times 750 =$?
 Ans: $= 15750$
- Q 25.** Where are located Swiss canal and Panama Canal?
 Ans: Swiss canal in Egypt and Panama canal in North America (Panama).
- Q 26.** LCM & HCF of 12 & 18 ?
 Ans: LCM = 36 and HCF = 6
- Q 27.** A Square has area = 225 cm^2 . Its dimension is _____.
 Ans: $\sqrt{225} = \sqrt{15 \times 15} = 15$ cm
- Q 28.** $18 - 3 \times 1 / 3 + 5 =$?
 Ans: $18 - 1 + 5 = 22$
- Q 29.** Group of 30 people attended a test. 30% qualified. Prize of each Rs. 5200/-. How much total amount?
 Ans: $\frac{30}{100} \times 30 = 9 \times 5200 = \text{Rs.} 46800$
- Q 30.** Light takes how much time between sun & earth?
 Ans: 8 minutes and 20 seconds = 500 seconds
- Q 31.** How many natural elements are found?
 Ans: 94 (4 from natural decay of elements)
- Q 32.** How many total elements are found in nature.
 Ans: 118
- Q 33.** What is the weight of 8 kg gold?
 Ans: $8 \times 9.81 = 78.48$ Newton.
- Q 34.** Name man made elements?
 Ans: Cuium, Plytonium, Feronium.
- Q 35.** 40 Labourers can make 1600 bricks, 60 labourers will make bricks?
 Ans: $\frac{1600}{40} \times 60 = 2400$
- Q 36.** 720 skipping in one hour then 180 skipping in how much time?
 Ans: 15 minutes.
- Q 37.** Heat transfer methods?
 Ans: Conduction, Convection, Radiation.
- Q 38.** Removal of air from a pot is done by which instrument?
 Ans: Vacuum pump.
- Q 39.** Countries of South America?
 Ans: Brazil, Argentina, Colombia, Chile.
- Q 40.** Do you like Maths or English?
 Ans: Self explanatory
- Q 41.** Effect.... affect. What is difference?
 Ans: Effect means change (noun). Affect is verb. It means to impact.
- Q 42.** $85 / 1000 =$?
 Ans: 0.085
- Q 43.** $5.4 / .9$?
 Ans: 6

Q 44. Light need timing to travel 5000 km?

Ans: $\frac{5000}{3 \times 100000} \text{ Sec} = \frac{5000}{300000} = 0.016 \text{ second}$

Q 45. What is $\frac{12}{17}$ of 850

Ans: $\frac{12 \times 850}{17} = 15 \times 50 = 600$

Q 46. Which are bordering countries of Turkey?

Ans: Iran, Russia, Georgia, Armenia, Greece.

Q 47. LCM & HCF of 6 & 15?

Ans: HCF = 3, LCM = 30

Q 48. 25 men complete a building in 120 days. How many men are required to complete a building in 100 days?

Ans: 30 men.

Q 49. What is mass for weight of 15 Newton?

Ans: $15 \div 9.81 = 1.47 \text{ kg.}$

Q 50. Name the parts of General Science.

Ans: Physics, Biology, Chemistry.

Interview # 3

Q 1. Introduce Yourself.

Ans: Self explanatory

Q 2. Why does sun rise from the east?

Ans: Earth rotates/spins towards the East.

Q 3. $329 / 7 = ?$

Ans: 47

Q 4. What did Quaid-e-Azam say about Kashmir?

Ans: Kashmir, with the massive Muslim majority, belongs to Pakistan, as an essential element.

Q 5. How many oceans are there?

Ans: There are five oceans.

Q 6. Five countries in Europe?

Ans: UK, France, Germany, Norway, Holland.

Q 7. LCM & HCF of 8 & 10?

Ans: HCF = 2, LCM = 40.

Q 8. 30 Labourers can make 1500 Bricks. 50 Labourers can make bricks?

Ans: 2500

Q 9. If weight is 10 Newton, then mass?

Ans: 1 Kg.

Q 10. Speed of light in water?

Ans: $2.25 \times 10^8 \text{ m/s}$

Q 11. Volume of air in room 5 m long 4 m high and 4m wide.

Ans: $5 \times 4 \times 4 = 80 \text{ m}^3$

Q 12. Word Urdu belongs to which language.

Ans: Turkish word means Army Camp.

Q 13. Physics means?

Ans: Physics is the branch of science that deals with matter and energy and their interaction.

Q 14. Why does sun set in the West?

Ans: Earth rotates towards the East.

Q 15. $2019 + 8101 = ?$

Ans: 10120

Q 16. $52 \times 13 = ?$

Ans: 676

Q 17. Coup. Tell the meaning.

Ans: Coup means overthrow, accomplishment.

Q 18. Adopt & Adapt. Tell the difference.

Ans: Adopt means acquire and adapt means to make suitable.

Q 19. $85 / 1000 = ?$

Ans: 0.085

Q 20. HCF & LCM of 6 & 15?

Ans: HCF = 3 and LCM = 30

Q 21. Skipping 720 times in 1 hour....how much in 30 minutes?

Ans: 360 times

Q 22. Weight & Mass at Jupiter if on Earth it is 100 kg?

Ans: Mass will remain same. Weight will be 252.8kg.

Q 23. $39 \times 19 = ?$

Ans: 741

Q 24. Why moon rises from the east?

Ans: It is the Earth's rotation on its axis that makes the moon rise in the East and sets in the west and Sun, all stars, but we cannot see moon rise at daytime.

Q 25. What is meant by stationary?

Ans: Still, not moving.

Q 26. LCM & HCF OF 8 & 12

Ans: HCF = 4 and LCM = 24

Q 27. 12% of a number is 144, what is the number?

Ans: 1200

Q 28. $x^2 + 3x^2 + 43 = 79$, $x = ?$

Ans: $4x^2 = 36$, so $x^2 = 9$ and $x = 3$

Q 29. 30% of a number is 150. What is that number?

Ans: 500

Q 30. Name largest country?

Ans: Russia (USSR)

Q 31. Name industrial cities of Pakistan?

Ans: Lahore, Karachi, Faisalabad, Gujranwala.

Q 32. How do we measure electric resistance?

Ans: Volts.

Q 33. Metals expand when heated; when cool what happened?

Ans: Contract

Q 34. Any metal when put in water, floats?

Ans: Sodium, lithium, potassium.

Q 35. Why do sun & moon rise at the same time?

Ans: It is because of the rotation of the Earth.

Q 36. What is the importance of 5 February?

Ans: World Nutella Day and Kashmir Solidarity Day.

Q 37. What is HAMA?

Ans: Central Syria.

Q 38. LCM & HCF of 9 & 12?

Ans: HCF = 3 and LCM = 36.

Q 39. A rectangle has L= 25cm and W= 20. Find perimeter.

Ans: $2(\text{Length} + \text{Width}) = 2(25 + 20) = 90\text{cm}$.

Q 40. 200 Men can consume a ration in 50 days, then 250 men will consume ration in how many days?

Ans: 40 days

Q 41. $85 / 1000 = ?$

Ans: 0.085

Q 42. $5.4 / .09 = ?$

Ans: 60

Q 43. $3x = 48$ so $x^2 = ?$

Ans: $x = 16$ so $x^2 = 16 \times 16 = 256$

Q 44. $x^2 + 2x^2 + 28 = 76$ $x^2 = ?$

Ans: $3x^2 = 48, x^2 = 16$

Q 45. $x^2 = 16$ then $x = ?$

Ans: 4 Ans.

Q 46. Compliment, complement. Describe.

Ans: Compliment means admiration and complement means complete the difference.

Q 47. Where metals lie in periodic table?

Ans: Sodium and Potassium are in Group 1A.

Q 48. Groups identification means.

Ans: A group (in periodic table) contains elements

with same number of electrons in outermost shells.

Q 49. Name countries of Africa.

Ans: Libiya, Egypt.

Q 50. A shop selling 100 pieces of carbon of \$90000 and the second shop sells carbon 100 pieces for \$100000. Find discount percentage on first shop?

Ans: 10%.

Interview # 4

Q 1. Introduce Yourself.

Ans: Self explanatory

Q 2. LCM & HCF of 9 & 15 ?

Ans: HCF = 3 and LCM = 45

Q 3. 25 men complete a building in 60 days. How many men are required to complete a building in 50 days?

Ans: 30 men.

Q 4. Name four caliphs

Ans: Hazrat Abu Bakar, Hazrat Umar, Hazrat Usman, Hazrat Ali.

Q 5. Four countries in Africa

Ans: Somalia, Egypt, Cameroon, Angola

Q 6. Why do we have a leap year?

Ans: Our planet, earth takes approximately 365.25 days to orbit the Sun once. So after every four years 0.25 days are adjusted by making year of 366 days.

Q 7. Speed of light in air?

Ans: 300000 km/s.

Q 8. Gravity depends on what?

Ans: Masses of the objects and the distance between them.

Q 9. Contribution question ? Out of 30 boys 20% boys turn up. How many boys turned up?

Ans: 6

Q 10. $24 \times 750 = ?$

Ans: 18000

Q 11. How many continents are there?

Ans: 7

Q 12. Islamic calendar days?

Ans: 354

Q 28. What is UNO and where its HQs?

Ans: United Nations Organisation – New York.

Q 29. When did World War I start and ended?

Ans: July 28, 1914 to November 1, 1918.

Q 30. For which club Ronaldo plays for?

Ans: Saudi Arabian Club Al Nassr

Q 31. Biggest man made structure?

Ans: Burj Khalifa 828 m in Dubai.

Q 32. Newton 1st law?

Ans: An object remains at rest or in constant speed unless acted by a force.

Q 33. What is the purpose of ventilators?

Ans: To keep cool the rooms. Convection.

Q 34. Name Highest peaks in Pakistan?

Ans: K-2

Q 35. Silver colour pot or dark colour tea pot which one you will prefer to keep the tea hot for a longer time?

Ans: Silver colour is proffered as it is bad emitter of heat.

Q 36. Have you ever climbed a hill? While coming down from the hill, what thing you have to take care of?

Ans: Slow, choose good footwear to avoid slippery.

Q 37. Have you ever got a chance to participate in any debate/declamation contest?

Ans: Self explanatory

Q 38. From which university Quaid-e-Azam did Bar at Law?

Ans: Lincoln's Inn (London)

Q 39. What is LoC?

Ans: Line of Control between AJK and occupied Kashmir.

Q 40. What is an International Border?

Ans: Radcliff line

Q 41. What is sui gas, CNG?

Ans: Sui gas is methane and CNG is compressed natural gas.

Q 42. Which cities of the country you have seen so far?

Ans: Self explanatory

Q 43. What are Balkan states?

Ans: 11 Balkan countries: Albania, Bosnia, Bulgaria (Europe).

Q 44. What is geography?

Ans: Study of land.

Q 45. What is the smallest particle of a

Ans: Atom

Q 46. What is valency?

Ans: Number of electrons in the last shell.

Q 47. Tell two proverbs of English and similar in Urdu?

Ans: Money makes the mare go دام بٹائے کام
Tit for tat. ادا لے کا بدلہ

Q 48. When Earth is between Sun and what will happen?

Ans: It will be Lunar eclipse.

Q 49. Touching a place and coming back?

Ans: Practical

Q 50. Less populated continent?

Ans: Antarctica, then Australia (43 million)

Interview # 50

Q 1. Introduce yourself.

Ans: Self explanatory

Q 2. Madrid of capital of which country?

Ans: Spain

Q 3. Name cities of Pakistan whose names been changed?

Ans: Faisalabad (Lylpur), Attock (Campbell Sahiwal (Mintgomery)

Q 4. If you are standing facing towards to which direction the Africa will be?

Ans: West

Q 5. Himalaya, Karakoram, 2 peaks. Which higher Nanga Parbat or K-2?

Ans: K-2 2nd highest (8611m), Nanga Parbat (8126m) the 6th highest peak or world.

Q 6. Who is world champion of cricket?

Ans: Australia won World Cup 2023.

Q 7. Which clothes you will prefer in winter?

Ans: Black or dark colours are good absorber of heat.

Q 8. Roosevelt, John F Kennedy, Bill Clinton, Nickson, Nelson Mandella, Moamir Qaddafi, Mohammad Sultan. Who was Libyan?

Ans: Moamir Qaddafi.

Q 9. Rythem spelling

Ans: Length of time between major beat or note in music.

Q 10. Lines on Earth longitude, latitude, GMT.

Ans: Longitudes: Vertical lines

Latitude: Horizontal lines

GMT: Greenwich Mean. It is the solar time of the longitude 0° of the Royal Greenwich Observatory (England)

Q 11. Who was Charli Chapplen? Masqat, Akarta, Taiwan, Albania, London, Darus Salam, Tripuli, Bin Ghazi to which country he belonged?

Ans: Comic actor - London.

Q 12. There is a sea near Spain. Name it?

Ans: Mediterranean Sea, Cantabrian Sea (Atlantic)

Q 13. Custom means?

Ans: Tradition.

Q 14. What is the name of fort near Skardu?

Ans: Khaplu Fort, Shigar Fort, Kharpocho Fort

Q 15. Who is the CM and Governor of GB.

Ans: Current Affairs.

Q 16. What is GD(P), who is the most known GD(P)?

Ans: General Duty Pilot. Muhammad Iqbal Sitara-e-Jurraat

Q 17. What is force, energy?

Ans: Power to do some work is force, energy.

Q 18. Copenhagen, Oslo, Stockholm, Geneva, Johannesburg, Cape Town, Egypt. Which is in Africa?

Ans: Egypt.

Q 19. Barking dogs seldom bite. Translate into Urdu.

Ans: جو گرجتے ہیں وہ بڑتے نہیں۔

Q 20. If you get call letter from two colleges where will you go?

Ans: Self explanatory

Q 21. Exponential question means?

Ans: Question of Algebra, with powers; x^2

Q 22. Indian ocean touches how many continents?

Ans: 38 countries and 3 continents. Asia, Africa and Australia.

Q 23. How many countries in the world?

Ans: 195

Q 24. Africa has 54 countries, Asia has 49, Europe have 50. How many countries in Australia?

Ans: 6 States

Q 25. Form of hydrocarbon?

Ans: Alkanes, Alkenes, Alkynes

Q 26. How plants make their food?

Ans: Photosynthesis: $\text{CO}_2 + \text{H}_2\text{O} \xrightarrow[\text{Chlorophyll}]{\text{Light}}$ Glucose + O_2

Q 27. Van carrying 15 dozen eggs. 5% eggs are broken on the way. How much will be left?

Ans: $(15 \times 12) - 9 = 180 - 9 = 171$

Q 28. Brazil is in which continent?

Ans: South America

Q 29. Copenhagen, Oslo, Stockholm, Geneva, Washington D.C., Paris. Which belongs to France.

Ans: Paris

Q 30. Name five Pakistani cities beginning with letter R and P?

Ans: Rawalpindi, Peshawar, Rahwali, Palandri, Rohri, Rahim Yar Khan.

Q 31. Where is Indonesia?

Ans: Asia

Q 32. Standing on the beach of Los Angeles which ocean you will be looking at?

Ans: Los Angeles - The Pacific Ocean

Q 33. What is rubber?

Ans: Polymerization of Isoprene $(\text{C}_5\text{H}_8)_n$

Q 34. Where Antarctica is located?

Ans: South pole of earth.

Q 35. Where is valley of death?

Ans: Death Valley - Kamchatka Peninsula - Russia.

Q 36. Where is silicon valley?

Ans: San Francisco, bay area of California.

Q 37. Telephone, bulb, Railway engine, X-Ray, Radium? What was invented by Graham Bell?

Ans: Telephone

Q 38. What is the motion of earth on its own axis is called?

Ans: Rotation (Earth's spin motion)

Q 39. What is the direction of earth movement?

Ans: Earth rotates East-ward in Prograde (Counterclock wise) motion.

Q 40. Blood cells?

Ans: RBCs, White Blood Cells, Platelets.

Q 41. Making a magnet out of a iron rod...?

Ans: Rubbing a magnet on a iron rod makes it

Part # 2

General Knowledge

Unit # 1: History of Pakistan

GOVERNOR – GENERALS OF PAKISTAN

S#.	Name	Period		
1.	Quaid-e-Azam Muhammad Ali Jinnah	Aug. 1947	to	Sept. 1948
2.	Khawaja Nazimuddin	Sept. 1948	to	Oct. 1951
3.	Malik Ghulam Muhammad	Oct. 1951	to	Oct. 1955
4.	Maj, Gen. Sikander Ali Mirza	Oct. 1955	to	Mar. 1956

Presidents of Pakistan:

There have been eleven (13) Presidents of Pakistan:

S#.	Name	Period		
1.	Maj. Gen. Sikander Ali Mirza	Mar. 1956	to	Oct. 1958
2.	Field Marshal Muhammad Ayub Khan	Oct. 1958	to	Mar. 1969
3.	Gen. Agha Muhammad Yahya Khan	Mar. 1969	to	Dec. 1971
4.	Mr. Zulfikar Ali Bhutto	Dec. 1971	to	Aug. 1973
5.	Chaudhary Fazal Elahi	Aug. 1973	to	Sept. 1978
6.	Gen. Muhammad Zia-ul-Haq	Sept. 1978	to	Aug. 1988
7.	Mr. Ghulam Ishaq Khan	Acting from Aug. 17, 1988 to Dec. 13, 1988 and elected from Dec. 13, 1988 to July 18, 1993.		
8.	Sardar Farooq Ahmad Leghari	Nov. 1993	to	Dec. 1997
9.	Justice (R) M. Rafiq Tarar	Jan. 1998	to	June 2001
10.	General Pervez Musharraf Muhammad Mian Soomro (Acting)	June. 2001 Aug. 2008	to	Aug. 2008 Sept 2008
11.	Asif Ali Zardari	Sept. 9, 2008	to	Sept, 2013
12.	Mamnoon Hussain	Sept 2013	to	Sept 2018
13.	Dr. Arif-ur-Rehman Alvi	Sept 2018		Till date

Note: Wasim Sajjad, was the Chairman of the Senate, served as Acting President from 18th July 1993 to 14th Nov. 1993, and from 2nd Dec. 1997 to 1st Jan. 1998.

Vice President of Pakistan:

S#.	Name	Period		
1.	Nur-ul-Amin	Dec, 1971	to	April. 1972

Prime Ministers of Pakistan:

Since 1947, the following thirty persons have held the office of Prime Minister of Pakistan:

S#.	Name	Period		
1.	Khan Liaquat Ali Khan	Aug. 1947	to	Oct. 1951
2.	Khawaja Nazimuddin	Oct. 1951	to	April, 1953
3.	Mr. Muhammad Ali Bogra	April, 1953	to	Aug. 1955
4.	Chaudhary Muhammad Ali	Aug. 1955	to	Sept. 1956
5.	Mr. Hussain Shaheed Suhrawardi	Sept. 1956	to	Oct. 1957
6.	Mr. I. I. Chundrigar	Oct. 1957	to	Dec. 1957
7.	Malik Feroze Khan Noon	Dec. 1957	to	Oct. 1958
8.	Gen. Muammad Ayub Khan	26th Oct. 1958	to	27th Oct. 1958
	No Prime Minister	28th Oct. 1958	to	7th Dec. 1971
9.	Nur-ul-Amin	7th Dec. 1971	to	20th Dec. 1971
	No Prime Minister	20th Dec. 1971		14th Aug. 1973
10.	Mr. Zulfikar Ali Bhutto	Aug. 1973	to	July, 1977
	No Prime Minister	July, 1977		Mar. 1985
11.	Mr. Muhammad Khan Junejo	Mar. 1985	to	May, 1988
	No. Prime Minister	May, 1988	to	Dec. 1988
12.	Mohtarma Benazir Bhutto	Dec. 1988	to	August, 1990
13.	Ghulam Mustafa Jatoi (Caretaker)	Aug. 1990	to	Nov. 1990
14.	Mr. Muhammad Nawaz Sharif	Nov. 1990	to	April, 1993
		May, 1993	to	July, 1993
15.	Mr. Balkh Sher Mazari (Caretaker)	April, 1993	to	May, 1993
16.	Mr. Moeenuddin Ahmed Qureshi (Caretaker)	July, 1993	to	Oct. 1993
17.	Mohtarama Benazir Bhutto	Oct. 1993	to	Nov. 1996
18.	Malik Meraj Khalid (Care taker)	Nov. 1996	to	Feb. 1997
19.	Muhammad Nawaz Sharif	Feb. 1997	to	Oct. 1999
	No Prime Minister	Oct. 1999	to	Nov. 2002
20.	Mir Mir Zafar Ullah Khan Jamali	Nov. 2002	to	June. 2004
21.	Ch. Shujaat Hussain (Caretaker)	June. 2004	to	Aug. 2004
22.	Shaukat Aziz	Aug. 2004	to	Nov. 2007
23.	Muhammad Mian Soomro (Caretaker)	Nov. 2007	to	Mar. 2008
24.	Makhdum Syed Yousaf Raza Shah Gilani	Mar. 2008	to	April, 2012
25.	Raja Pervez Ashraf	Jun, 2012	To	March, 2013
26.	Mir Hazar Khan Khoso (Caretaker)	March, 2013	To	June, 2013
27.	Mian M. Nawaz Sharif	June, 2013	To	July, 2017
28.	Shahid Khaqan Abbasi	August 2017	To	May, 2018
29.	Nasir-ul-Mulk (Caretaker)	June, 2018	To	Aug, 2018
30.	Imran Ahmad Khan Niazi	August 18, 2018	To	To date

Chief Martial Law Administrators:

S#.	Name	Period		
1.	Field Marshal Muhammad Ayub Khan	Oct. 1958	to	June. 1962
2.	Gen. Agha Muhammad Yahya Khan	Mar. 1969	to	Dec. 1971
3.	Mr. Zulfikar Ali Bhutto	Dec. 1971	to	April, 1972
4.	Gen. Muhammad Zia-ul-Haq	July, 1977	to	Dec. 1985

Chief Executive:

S#.	Name	Period		
1.	Gen. Pervez Musharraf	Oct. 12, 1999	to	June 19, 2001

Unit # 2: Information About Basic Facts**Pakistan-Basic Minerals****Location of Important Non-Metallic Minerals**

1	Asbestos	Chitral, Dera Ismail Khan, Malakand, Char Bagh, Zhob, Tangi.
2	Barite	Khuzdar, Monar, Talarpill, Shekran hills, Zhob, Lasbela, Kohala.
3	Calcite	Zhob, Lasbela.
4	Clay	Peshawar, Sargodha, Multan, Rawalpindi, Hazara, Nagar Parkar.
5	Dolomite	Jhimpir, Shekran hills, Rawalpindi, Sargodha, D. I. Khan, Mianwali.
6	Feldspar	Raskoh, Rajdhawari, Baltistan, Gilgit, Chitral, Oghi-Batgram.
7	Fluorite	Chitral, Koh-i-Maran, Dir, Hazara, Dalbandin.
8	Glass Sand	Salt Range, Mianwali, Bande Sadiq.
9	Granite	Swat, Nagar Parkar, Gilgit, Chitral, Chagai, Lasbela.
10	Graphite	Gilgit, Chitral, Hazara, Sheikh Wasi, Khyber.
11	Gypsum	Hyderabad, D, G Khan, Saiduwali, Kohat, Quetta, Sibi, Tangi, Barkhan.
12	Marble	Mardan, Khyber Agency, Baluchistan, Swat, Nowshera.
13	Phosphate Rock	D. I. Khan, Karachi, Multan, Peshawar, Quetta, Dir, Kahul.
14	Potash	Khewra, Nurpur, Warcha.
15	Rock Salt	Bahadur Khel, Karak, Kohat, Salt Range.
16	Silica Sand	D. I. Khan, Peshawar, Sargodha, Hyderabad, Nowshera.
17	Sulphur	Chitral, Hyderabad, Kalat, Karachi, Peshawar, Koh-i-Sultan.

Location of Important Gem Stones

1.	Beryl (Emerald)	Swat, Mohmand Agency
2.	Beryl	Gilgit Agency, Dir
3.	Ruby	Gilgit, Hunza
4.	Topaz	Chitral, Mardan

Location of Important Metallic Minerals

1.	Antimony	Krinj, Thai, Qila Abdullah, Shekran hills, Karangi.
2.	Arsenic	Londku (Chitral), Gilgit.
3.	Bauxite	Muzaffargarh, Dhamman, Jhal, Niazpur.
4.	Chromite	Raskoh, Muslim Bagh. Zhob, Lasbela, Waziristan, Malakand, Wad.
5.	Copper	Saindak, Koh Marani (Chagai), Pishin, Sibi, Kalat, Zhob, Waziristan.
6.	Iron	Chilgazi, Chitral, Raskoh, Kohat, Kalabagh, Pachin Koh, Chiniot.
7.	Gold	Gilgit, Karak, Mardan, Chitral, Raskoh, Saindak.
8.	Lead	Khuzdar, Lasbela, Quetta, Chitral, Sargodha, Swat, Mardan.
9.	Magnesite	Kalat, Shahkot, Spinkan, Khumhar, Zhob, Muslim Bagh, Abbottabad.
10.	Manganese	Galdanian, Siro, Haji Muhammad Khan, Jhal, Lasbela.
11.	Tungsten	Oghi.
12.	Zinc	Maki Chan.
13.	Silver	Saindak.

Saindak Metal (Pvt.) Ltd.

The Saindak Metal (Pvt.) Ltd. is the first important metal mining project in Pakistan. It is designed to produce 15,810 tonnes of blister copper annually which contain gold (1.47 tonnes) and silver (2.76 tonnes).

National Holidays

The following national holidays are observed in Pakistan:

(1) Pakistan Republic Day (23rd March), (2) Labour Day (1st May), (3) Bank Holiday (1st July), (4) Independence Day (14th August), (5) Defence Day (6th September), (6) Death Anniversary of Quaid-e-Azam (11th September), (7) Birth Anniversary of Allama Iqbal (9th November), (9) Birth Anniversary of Quaid-e-Azam (25th December). In addition, the Government of Pakistan notifies holidays on Eid-ul-Fitr, Eid-ul-Uzha, Ashura Muharram and Eid Milad-un-Nabi according to the Islamic Calendar.

Borders of Pakistan

Pak-China border	= 596 km
Pak-Afghanistan border (Durand Line)	= 2660 km
Pak Iran Border	= 904 km

Pak India Border	= 3323 km
Pakistan Coastline	= 1046 km

Important Barrages of Pakistan.

Chashma Barrage
Guddu Barrage
Jinnah Barrage
Sukkur Barrage
Taunsa Barrage

The source of River Indus

Ans: Tibet (Lake Mansorowar)

Pakistan Aeronautical Complex

Ans: Kamra (Attock-Punjab)

Unit # 3: Defence of Pakistan

Pakistan Army

Pakistan Military Academy - Kakul-Abbottabad (Khyber Pakhtoonkhwa) Comparative Ranks in Three Services

Pakistan Army	Pakistan Air Force	Pakistan Navy
2nd Lieutenant	Pilot Officer	Midshipman Officer
Lieutenant	Flying Officer	Sub-Lieutenant
Captain	Flight Lieutenant	Lieutenant
Major	Squadron Leader	Lt. Commander
Lt. Colonel	Wing Commander	Commander
Colonel	Group Captain	Captain
Brigadier	Air Commodore	Commodore
Major General	Air Vice Marshal	Rear Admiral
Lt. General	Air Marshal	Vice Admiral
General	Air Chief Marshal	Admiral
Field Marshal	Marshal of Air Force	Admiral of the Fleet

Badges of Commissioned Ranks

Pakistan Army

RANKS	BADGES
2nd Lieutenant	One Star
Lieutenant	Two Stars
Captain	Three Stars
Major	Hilal
Lt. Colonel	Hilal and One Star
Colonel	Hilal and Two Stars
Brigadier	Hilal and Three Stars
Major General	Cross Swords and a Star
Lt. General	Cross Swords and a Hilal
General	Cross Swords and a Baton Star
Field Marshal	Cross Swords and a Baton Star enclosed in floral wreath

Ancient and Pakistan Movement

- (1) Pakistan – The Land of Pure People.
 - Oldest civilization:- Indus valley civilization. (2500BC – 1700 B.C)
 - Invaders: Persians, Aryans, Greeks, Arabs, Turks, British.
 - Introduction of Islam-711 A.D by the arrival of Muhammad Bin Qasim.
 - Mughal Empire: 1526 AD to 1857 AD.
 - British Rule: 1857 to 1947 AD.
- (2) All India Muslim league
 - i) Establishment: December 30, 1906
 - ii) First President: Sir Agha Khan
 - iii) First Secretary: Syed Hassan Ali Bilgrami
 - iv) Joining of Quaid-e-Azam to All India Muslim League: 1911
 - Luck now Pact: (Between Congress and All India Muslim League) 1914
 - Jimah's Fourteen Points – March 1929
 - Round Table conference – 1930
 - Allam-Iqbal's Allahabad address-1930
- (3) The Pakistan Resolution (March 23, 1940)

Second Name: Lahore Resolution	Presided by: Quaid-e-Azam
Drafted by: Sir Sikandar Hayat	Moved by: Ch. Fazel Haq
4. **Where Is Mohenjodharho?**

Ans. Mohenjodharho is located in Sindh.
5. **Which things were discovered from Harropa?**

Ans. Solid clay utencils, scales and system of measures and weights were discovered from Harrapa.
6. **What were the seals found in Harrapa made of?**

Ans. The seals were made of solid clay, silver and copper.
7. **Which metal was used for tools?**

Ans. Bronze was used for tools.
8. **To which civilizations had the Indus valley civilization the trade relations?**

Ans. The Indus Valley had trade relations with the civilizations of Iran, Iraq, Egypt and Persian Gulf.
9. **Which areas art called the "Cradle of Civilization"?**

Ans. Indus Valley, Dajla, Farat and Neil valley are called the "Cradle of civilization".
10. **What did Indus Valley people import from Egypt?**

Ans. Indus Valley people Imported gold, skins emerald, ropes and dry goods from Egypt
11. **What did the women of Indus Valley wear for decoration?**

Ans. Women used to wear necklace, strings of beads and bangles for decoration. They were also used to wear "Lahanga" (long skirt). Men used to wear Shawl.
14. **Write the name of the Important citles of the Indus Valley Civillizations?**

Ans. Mohenjodharho is an ancient city. Situated in District Larkana Indian society much.
- 15(i). **How did Muhammad Bln Qasim's quest affect the subcontinent?**

Ans. The Hindus of low caste embraced Islam by the-moral influence and fraternity of Muhammad Bin Qasim and his companions. The Muslims opened schools and Maddarasas to give education. Hindi

1935	Government of India Act
1937	Elections to Provincial Assemblies
1937-1939	Congress Ministries
1938	Pirpur Report
1939 (Dec. 22nd)	Day of Deliverance
1940 (Mar. 23rd)	Lahore Resolution
1940-41	Satyagrah by Congress
1940	August Offer
1942 (March)	Cripps Mission to India
1942 (Aug.)	Quit India Movement
1943	Rajgopal Acharia Formula
1944	Gandhi-Jinnah Talks.
1945	Desai-Liaquat Pact
1945	Wavell Plan
1945	Simla Conference
1945-46	Elections to Central and Provincial Legislatures
1946 (Feb.)	Cabinet Mission appointed by C.R. Attlee
1946 (March 24th)	Cabinet Mission reached India
1946 (April 3-17)	Cabinet Mission held discussions with Indian leaders
1946 (May 16)	Cabinet Mission Plan published
1946 (Sept. 2nd)	Congress Formed Interim Government
1946 (Oct. 25th)	Muslim League joined Interim Government
1947 (Feb. 20)	Attlee's Statement
1947 (June 3rd)	3rd June Plan
1947 (July 18)	Indian Independence Act
1947 (Aug. 14)	Independence of Pakistan
1947 (Aug. 15)	Independence Day of India

Unit # 7: History of Indo-Pak

The First Muslim Dynasty in India (بھارت میں ابتدائی مسلم سلطنت)

The Muslim dynasties of the Sub-continent are as under:

1. The Slave Dynasty 1206 — 1290 A.D
2. The Khilji Dynasty 1290 — 1320 A.D
3. The Tughlaq Dynasty 1320 — 1414 A.D
4. The Sayyid Dynasty 1414 — 1451 A.D
5. The Lodhi Dynasty 1451 — 1526 A.D
6. The Mughal Dynasty 1526 — 1540 A.D
7. The Suri Dynasty 1540 — 1555 A.D.
8. The Mughal Dynasty (2nd time) 1555 — 1857 A.D.

Part # 3

International Information

Unit # 1: Largest - Smallest in the World

1.	Largest continent of the world.	Asia
	Second largest continent of the world.	Africa
	3 rd largest continent of the world.	North America
	4 th largest continent of the world.	South America
	5 th largest continent of the world.	Antarctica
	6 th largest continent of the world.	Europe
	7 th largest continent of the world.	Australia
2.	Largest country of Africa.	Sudan
	Largest country of Asia.	Russian Federation
	Smallest country of Asia.	Maldives
	The largest Islamic country of Asia.	Kazakhstan
	Largest country of Europe.	Russian federation
	Smallest country of Europe.	Vatican city
	Largest Islamic country of Europe.	Albania
	Largest country of North America.	Canada
	Largest country of South America.	Brazil
	Largest country of Australia continent.	Australia
	Smallest country of Australia continent.	Nauru 21 km ²
	Age of the world = 4.5 billion year old.	

• **Population of the world = 7arab.**

• World's largest country (area wise)	=	Russia
World's 2 nd country (area wise)	=	Canada
World's 3 rd country (area wise)	=	United slates
World's 4 th country (area wise)	=	China
World's 5 th country (area wise)	=	Brazil
World's 6 th country (area wise)	=	Australia
World's 7 th country (area wise)	=	India
World's 8 th country (area wise)	=	Argentina
World's 9 th country (area wise)	=	Kazakhstan
World's 10 th country (area wise)	=	Algeria

• **Most populous Countries of the world:**

The most populous country:

1 st	=	China	= 1arab, 37 crore
2 nd	=	India	= 1 arab, 26 crore
3 rd	=	United slates	= 32 crore
4 th	=	Indoneshia	= 26 crore
5 th	=	Brazil	= 21 crore

Unit # 2: Largest - Smallest in the World

Information about Continents and their Currencies

African Countries

Country	Currency	Language	Religion
Algeria	Dinar	Arabic and French	Islam
Angola	Kwanza	Portuguese	Tribal and Christianity
Botswana	Pula	Set Swana, English	Christianity and Tribal
Benin	CFA Franc	French, English	Christianity and Islam
Burkina Faso	CFA Franc	French	Islam
Burundi	Franc	French, Kirundi, Swahili	Christianity and Tribal
Cameroon	CFA Franc	French, English	Christianity and Islam
Cape Verde Islands	Cape Verde Escudo	Portuguese	Christianity
Comoros Islands	Franc	Swahili, Arabic French	Islam and Christianity
Central Republic African	Franc	French, Singho	Christianity and Islam
Chad	Franc	French	Christianity, Islam

Country	Currency	Language	Religion
Congo, Democratic Republic	France	French, Swahili	Christianity
Djibouti	Djibouti France	French, Arabic	Islam
Egypt	Egyptian	Arabic	Islam and Christianity
Eritrea	Nakfa	None, English	Islam, Christianity
Ethiopia	Birr	Amhaire	Islam and Christianity
Gabon	CFA France	French	Christianity
Gambia	Dalasi	English, African	Islam and Christianity
Ghana	Cedi	English and local	Christianity and Islam
Guinea Equatorial	France	French	Islam and Christianity
Guinea Bissau	GB Peso	Portuguese, Creole	Islam, Christianity and Tribal
Ivory Coast	CFA France	French	Islam
Kenya	Shilling	Swahili	Christianity and Islam
Lesotho	Loti	English, Lesotho	Christianity and Tribal
Liberia	Dollar	English	Christianity and Islam
Libya	Dinar	Arabic	Islam

Canton	Guangzhou	Pipri (Pakistan)	Bin Qasim
Christiana	Oslo	Ray (Iran)	Isfahan
Dacca (Bangladesh)	Dhaka	Saigon	Ho-Chi Minh City
Fort Lamy	N'Djamena	Salisbury	Harare
Fort Sandeman (Pakistan)	Zhob	Sankiang	Xinjiang
Franze	Bishkek	Simyma (Turkey)	Izmir
Kiangsu	Jiangsu	vlzaagapatnam (India)	Visakhapatnam
Kirovabad	Gyandzha	Wien (Austria)	Vienna

Large Numbers

The number of zeros would follow:

Ten	1 zero	10
Hundred	2 zeros	100
thousand	3 zeros	1,000
ten thousand	4 zeros	10,000
hundred thousand	5 zeros	100,000
million	6 zeros	1,000,000
ten million	7 zeros	10,000,000
hundred million	8 zeros	100,000,000
billion	9 zeros	1,000,000,000
trillion	12 zeros	1,000,000,000,000
quadrillion	15 zeros	1,000,000,000,000,000
quintillion	18 zeros	1,000,000,000,000,000,000
sextillion	21 zeros	1,000,000,000,000,000,000,000
septillion	24 zeros	1,000,000,000,000,000,000,000,000

Weights And Measures

Octillion has 27 zeros, decillion has 33 zeros nonillion has 30 zeros and googol has 100 zeros

Weights And Measures

Weights:

One Gram = 0.35 ounce

One seer = 2.057 pounds = 0.9331 kilogram.

One kilogram (kg) = 2205 pounds.

One Maund = 82.286 pounds = 37.324 kilograms.

One hundred weight (cwt), gross or long = 112 pounds (exactly) = 50.80 kilograms.

One hundred weight net or short (cwt or net cwt) = 100 pounds (exactly) = 45.359 kilograms.

One grain = 64.799 milligrams. One milligram (mg) = 0.015 grain.

One gram = 15.432 grains = 0.35 ounce, avoirdupois.

One carat = 200 milligrams = 3.086 grains.

One ounce (oz) = 437.5 grains (exactly) = 0.911 troy ounce = 28.350 grams.

One ounce, troy (ozt) = 1.097 avoirdupois ounces = 31.103 gm

16 ounces = 1 pound (lb) = 7,000 grains. One penny weight (dwt) = 1.555 grams.

One bale, cotton = 500 pounds in US and 750 pounds in Egypt.

Invention	Inventor	Country	Year
X-ray tube (hot filament)	William D. Coolidge	U.S.	1913
Zipper	Whitcomb L. Judson	U.S.	1891
Zipper (meshed- tooth)	Gideon Sundback	U.S.	1913

Discoveries and Innovations

(Chemistry, Physics, Biology, Medicine)

Discovery	Year	Discoverer	Nation
Acetylene gas	1892	Wilson	U.S.
ACTH	1949	Armour & Co.	U.S.
Adrenalin	1901	Takamine	Japanese
Aluminium, electrolytic process	1886	Hall	U.S.
Invention	Year	Inventor	Country
Aluminium, isolated	1825	Oersted	Danish
Analine dye	1856	Perkin	English
Anesthesia, ether	1842	Long	U.S.
Anesthesia, local	1885	Koller	Austrian
Anesthesia, spinal	1898	Bier	German
Anti-rabies	1885	Louis Pasteur	French
Antiseptic surgery	1867	Lister	English
Antitoxin, diphtheria	1891	Von Behring	German
Argyrol	1901	Barnes	U.S.
Arsphenamine	1910	Ehrlich	German
Aspirin	1889	Dresser	German
Atomic theory	1803	Dalton	English
Atomic numbers	1913	Moseley	English
Atomic time clock	1947	Libby	U.S.
Atom-Smashing theory	1919	Rutherford	English
Aureomycin	1948	Duggar	U.S.
Bacitracin	1945	Johnson, and others	U.S.
Bacteria (described)	1676	Leeuwenhoek	Dutch
Barbital	1903	Fwhcer	German
Bleaching powder	1798	Tennant	English
Blood, circulation	1628	Harvey	English
Bordeaux mixture	1885	Millardet	French
Bromine from sea	1924	Edgar Kramer	U.S.
Calcuim carbide	1888	Wilson	U.S.
Calculus	1670	Newton	English
Camphor synthetic	1896	Haller	French
Canning (Food)	1804	Appert	French

(F) Famous International Lines

(1)	Control Line	Boundary line between Azad Kashmir and India-held Kashmir (Occupied Kashmir).
(2)	Curzon Line	It is the Polish-Russian frontier named after Lord Curzon.
(3)	Dead Line	Boundary around a military prison, which prisoners are forbidden to cross.
(4)	Durand Line	It is the frontier between Pakistan and Afghanistan which is 1300 miles in length.
(5)	Green Line	The demarcation line between the Greek and Turkish Cypriot communities called Green Line.
(6)	Hindenburg Line	It is a German line of fortification. It separates Germany from Poland.
(7)	Hot Line	A hot line is a direct telephone line between heads of government for use in emergency.
(8)	International Dateline	It is an imaginary line extending north and south through Pacific Ocean.
(9)	Maginot Line	It is the French line of fortification. Built in 1934, along the German border from Switzerland to Belgium.
(10)	Memohan Line	It is the boundary line between India and China. It was demarcated under a boundary pact concluded in 1914.
(11)	Mannerheim Line	It was a defense line built in 1939, under the direction of Mannerheim (1867-1951), Finish soldier and statesman, in 1939-40 war with Russia.
(12)	Oder-Neisse Line	It is the boundary between Germany and ' Poland. It was established after the World War II.
(13)	Radcliffe Line	Boundary line between Pakistan and India, demarcated by Sir Cyril Radcliffe, at the time of partition of the Sub- continent in 1947.
(14)	17 Parallel Line	Existing boundary line between north and south. Vietnam. At the time of unification in 1975 of both Vietnams it was demolished
(15)	24th Parallel Line	This is the boundary line which was declared by Pakistan as frontier between Pakistan and India in the dispute of Rann of Kutch in 1965.
(16)	38 Parallel Line	Boundary line between North and South Korea.
(17)	49 Parallel Line	It is the boundary line between Canada and the United States.
(18)	Plimsoll Line	Horizontal line painted on the side of a merchant ship denoting the limit to which it may be legally loaded.

(G) Famous International Streets

(1)	Baldwin Street	This famous street is located in New Zealand. It has a maximum gradient of 1 inch to 1.266 inches.
(2)	Bond Street	This famous tailoring and jewellery street is located in London.
(3)	Broadway	This famous street is in USA. Regarded as biggest street in the world.
(4)	Downing Street No. 10	It is famous for the official residence of British Prime Minister, located in Westminster, England.

(5)	Elgin Street	This Street is located in Scotland. It is the world's shortest street. It is 5.18 metres or 17 feet long.
(6)	Fleet Street	It is in London.
(7)	Lombard Street	Banking and financial centre in San Francisco, also called the Crookedest Street.
(8)	Monumental Axis	It is one of the widest streets in the world. This street is located in Brasilia (Brazil).
(9)	Vicolo Della Virilita	It is the world's narrowest street. Its total width is 43cm or 16.9 inches.
(10)	Wall Street	A street in New York, famous for banking, finance and stock exchange market.
(11)	Yonge Street	It is the world's longest street. This street is located in Toronto (Canada).

Unit # 7: Abbreviations

A

V.A.	Anti-aircraft, Automobile Association.
V.B.	A. Amateur Boxing Association.
A.B.A.D.	Agency of Barani Areas Development, Association of Builders and Developers.
A.B.C.	Audit Bureau of Circulation, American Broadcasting Company.
A.B.L.	Allied Bank of Pakistan Limited.
A.C.	Ante Christum: before Christ, Alternating Current (electricity), Aero Club, Accountability Court
A.C.T.H.	Adreno-Cortico-Trophic Hormone.
V.D.	A. Airport Development Authority (Pakistan).
A.D.B.	Asian Development Bank.
A.D.B.P.	Agricultural Development Bank of Pakistan.
A.G.P.R.	Aide-de-kong), Agricultural Development Corporation (Pakistan).
V.E.	Assistant Engineer.
A.E.O.	Assistant Education Officer.
A.G.P.R.	Accountant General Pakistan Revenues.
A.H.Q.	Army Headquarters, Air Headquarters.
A.I.D.	Agency for International Development (U.S).
AIQU	Allama Iqbal Open University.
A.J.K.	Azad Jammu and Kashmir.
a.m.	Ante meridiem: before noon, before midday.
A.M.C.	Army Medical Corps, American Muslim Council.
A.N.G.O.P	Angola Press (News Agency).
A.N.N.	Asian News Network.
ANP	Awami National Party.
V.P.	Associated Press.
V.P.A.	Associated Press of America.
APCA	All Pakistan Clerks Association, All Pakistan Contractors Association.
A.P.D.C.	Asia and Pacific Development Centre.
A.P.I.	Associated Press of India, Agricultural Policy Institute.

3. Hazrat Rukayyah (رضی اللہ عنہا)
 4. Hazrat Um-i-Kalsoom (رضی اللہ عنہا)

Q.1 Give the year in which the Holy Prophet (ﷺ) died.

Ans: On 12 Rabi-ul-Awwal, 11 Hijra, 8th June, 632 A.D.

Q.2 Give the name of the person who had first of all verified the Holy Prophet (ﷺ)

Ans: Varqa Bin Naufal.

Q.3 Where did Hazrat Muhammad (ﷺ) live throughout his life?

Ans: First 53 years in Makkah and last 10 years in Madina.

Information about Quran..

It is the Holy Book which was sent by Allah to Prophet Muhammad (ﷺ).

No. of Surahs in Holy Quran : 114

No. of Paras in Holy Quran : 30

First Surah in Holy Quran : Surah-e-Fatiha

Last Surah in Holy Quran : Surah-e-Nas

Longest Surah in Holy Quran : Bakara

Shortest Surah in Holy Quran : Surah-e- Kausar

First revealed Surah : Surah Al-Alaq

The years to complete revelation : 23 years

Number of Makki Surahs : 87

Number of Madni Surahs : 27

Author of Holy Quran : Allah Almighty

Holy Quran was first revealed in : Laila-Tul-Qadr.

Q.4 Who did the translation of the Holy Quran first of all into Urdu?

Ans: Shah Rafi-ud-Din in 1776.

Q.5 Which Surah was the last to be revealed?

Ans: Surah Al-Nasr (سورة النصر)

Q.6 What is the subject of Holy Quran?

Aan. Man

Q.7 In which night the Holy Quran was first revealed?

Ans. In Laila-tul Qadr (ليلة القدر).

Q.8 What do you know about the words

mukatta'at in the Holy Quran.

Ans: The words whose meanings have not been explained by Hazrat Muhammad (ﷺ) i.e. Alif Lam Meem (آلـم).

Q.9 Give the total number of Prophets.

Ans: One lakh and twenty four thousand.

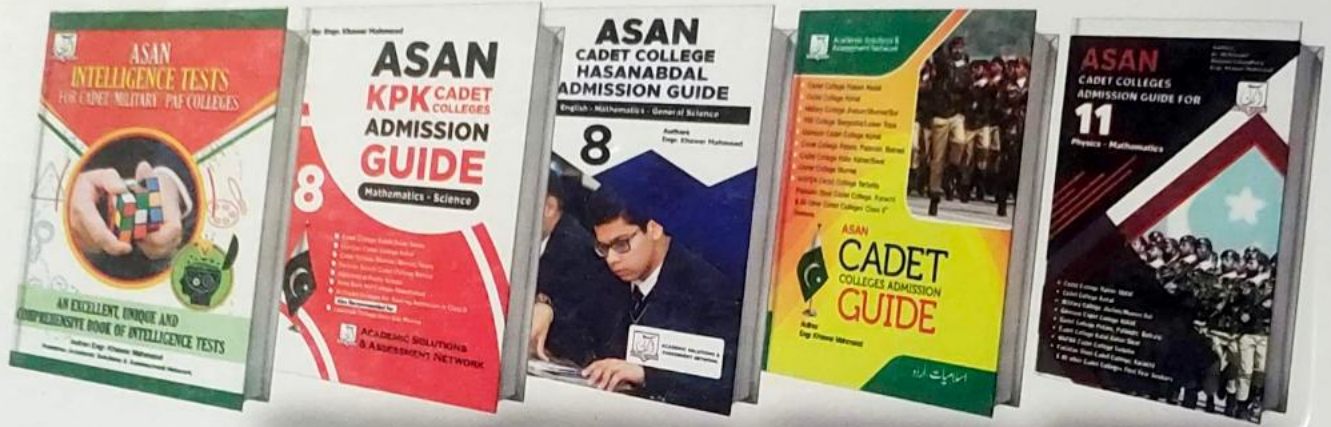
Names of Prophets mentioned in the Quran:

- (1) Hazrat Adam (عليه السلام)
- (2) Hazrat Ayyub (عليه السلام)
- (3) Hazrat Dawood (عليه السلام)
- (4) Hazrat Haroon (عليه السلام)
- (5) Hazrat Ibrahim (عليه السلام)
- (6) Hazrat Idrees (عليه السلام)
- (7) Hazrat Isa (عليه السلام)
- (8) Hazrat Ilyas (عليه السلام)
- (9) Hazrat Ishaq (عليه السلام)
- (10) Hazrat Ismail (عليه السلام)
- (11) Hazrat Loot (عليه السلام)
- (12) Hazrat Moosa (عليه السلام)
- (13) Hazrat Nooh (عليه السلام)
- (14) Hazrat Saleh (عليه السلام)
- (15) Hazrat Shuaib (عليه السلام)
- (16) Hazrat Sulaiman (عليه السلام)
- (17) Hazrat Yahya (عليه السلام)
- (18) Hazrat Yaqoob (عليه السلام)
- (19) Hazrat Yusuf (عليه السلام)
- (20) Hazrat Yunus (Jones) (عليه السلام)
- (21) Hazrat Zakaria (عليه السلام)
- (22) Hazrat Zulkifl (عليه السلام)
- (23) Hazrat Hood (عليه السلام)
- (24) Hazrat Uzair (عليه السلام)
- (25) Hazrat Sheis (عليه السلام)
- (26) And the last Prophet Hazrat Muhammad (ﷺ).

روح الامین لقب کس کا ہے؟	ارکان اسلام میں اہم چوتھا رکن
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قرآن مجید میں نماز کی تاکید	وضو کے فرائض
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قرآن مجید میں طویل سورۃ	کل 5 نمازوں میں رکعت کی تعداد
سورۃ البقرہ	17
کس سورہ میں بسم اللہ دو بار ہے؟	نماز عید میں زائد تکبیریں
سورۃ النمل	6
سورۃ اخلاص کی آیات	سورج گرہن کے وقت نماز
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6	کلمہ طیبہ
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لفظ «قل» سے کتنی سورتیں شروع ہوتی ہیں؟	تیسرے کلمے کا نام
5	کلمہ تمجید
سورۃ الناس کی آیات	قرآن مجید کی کل منزلیں
6	7
سورۃ کہف کی آیات	قرآن مجید کی کل سورتیں
110	114
مکہ حضر اور کا نام کس سورۃ میں ہے؟	باب القرآن کس سورۃ کو کہا جاتا ہے؟
سورۃ التوبہ	سورۃ فاتحہ
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سلمانوں اور ساسانیوں کے درمیان	سورۃ الکوثر

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4	700
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حضرت داؤد علیہ السلام	3000
توریت کس پر نازل ہوئی	صلح حدیبیہ ہوا؟
حضرت موسیٰ علیہ السلام	6 ہجری میں
حدیث میں کتنے انبیاء کا ذکر ہے	غزوہ خندق میں مسلمانوں کی تعداد
ایک لاکھ چوبیس ہزار	3000
حضور ﷺ کا نام کس نے رکھا	غزوہ خندق میں کفار کے سپہ سالار
آپ ﷺ کے دادا نے	6000
حضرت ﷺ کی عمر جب والدہ کا انتقال ہوا؟	غزوہ خندق میں کفار کے سپہ سالار
چھ سال	ابوسفیان
حضرت عبدالمطلب کی وفات کے وقت حضور ﷺ کی عمر	غزوہ خیبر میں یہودی ہلاک ہوئے
8 سال 10 دن	93
حضور ﷺ مکہ سے مدینہ تشریف لائے؟	غزوہ جہوک ہوا
622ء	9 ہجری
حضور ﷺ نے مدینہ میں تبلیغ فرمائی	غزوہ جہوک میں مسلمان لشکر کی تعداد
10 سال	30000
حضور ﷺ کتنی عمر میں دنیا سے رخصت ہوئے	حضور ﷺ کا آخری غزوہ؟
63 سال	7 ہجری
حضور ﷺ کا انتقال کس دن ہوا؟	غزوہ خندق جاری رہی
بروز پیر	27 روز
جنگ بدر میں مسلمان شہید ہوئے	کتنے مسلمانوں نے خندق کھودی؟
14	3 ہزار
جنگ بدر ہوئی؟	غزوہ خندق میں کفار لشکر کی تعداد
2 ہجری	10 ہزار
جنگ بدر میں کفار کی تعداد	حضور ﷺ نے سیف اللہ کا خطاب دیا
1000	حضرت خالد بن ولیدؓ کو
غزوہ احد ہوا؟	غزوہ خندق کا مشورہ دیا
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