

Instructions

- Time Allowed: 90 Minutes.
- Fill the answer sheet bubble at the appropriate space on your answer sheet with Blue or Black Marker/Pen.
- Follow the instructions given on the Answer Sheet.
- Follow the instruction of the test controller and stop writing when you are told to do so.
- Mobile phones are not allowed in the examination venue.
- Test paper along with answer sheet must be returned at the end of the test.
- All the questions are self-explanatory. Do not ask for any clarification.

Roll Number: Applicant Signature:

Name: Father Name:

Note: Applicant Must fill the above fields before starting the paper.

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QNo. 1: QNo: 2 QNo: 3 QNo: 4 QNo: 5 (QUESTIONS FROM PASSAGE) All states, all powers, that have held and hold rule over men have been and are either republics or principalities. Principalities are either hereditary, in which the family has been long established; or they are new. The new are either entirely new, as was Milan to Francesco Sforza, or they are, as it were, members annexed to the hereditary state of the prince who has acquired them, as was the kingdom of Naples to that of the King of Spain. Such dominions thus acquired are either accustomed to live under a prince, or to live in freedom; and are acquired either by the arms of the prince himself, or of others, or else by fortune or by ability. **QNo: 1.** The main power streams which rule the man are:-

- A) States B) Kings C) Dominions D) Prince

QNo. 2: "Such dominions thus acquired are either accustomed to live under a prince" means

- A) When A Prince Acquire A Dominion, Everybody Is Ready To Be His Slave
B) System Of Dominion Is Used To Be Regulated By A Driving Force
C) People Like To Be Ruled By A Nice Prince.
D) None Of Above

QNo. 3: If in a principality, family of the prince is not long established

- A) Then It Is Hereditary
B) Then It Is A Republic
C) Then It Is A New Principality
D) None Of Above

QNo. 4: As per author a republic

- A) Can Be Hereditary
B) Cannot Be Hereditary
C) Both Of Above
D) None Of Above

QNo. 5: Which of the following statement is true

- A) Milan To Francesco Sforza Is Same As To Kingdom Of Naples To That Of The King Of Spain
B) Francesco Sforza Annexed Kingdom Of Naples
C) King Of Spain Annexed Milan With Naples
D) All Of Above
E) None Of Above

QNo. 6: Choose the correct option for striked phrase or sentence: In the fine print at the end of the document ~~lies the clauses that make us liable for any expenses that result from civil unrest.~~

- A) Lies The Clauses That Make Us Liable For Any Expenses That
B) Lies The Clauses That Make Us Liable For Any Expenses Which
C) Lies The Clause That Make Us Liable For Any Expenses That
D) Lie The Clauses That Makes Us Liable For Any Expenses Which
E) Lie The Clauses That Make Us Liable For Any Expenses That

QNo. 7: SYNONYMS: Lugubrious is most similar in meaning to

- A) Libelous B) Heavy C) Frequent D) Mournful E) Light-hearted

QNo. 8: ANTONYMS: Enervating is most nearly opposite in meaning to

- A) Ikylic B) Grandiose C) Decorous D) Frustrating E) Invigorating

QNo. 9: ANTONYMS: Affected is most nearly opposite in meaning to

- A) Hygienic B) Mannered C) Happy D) Pretty E) Simple

QNo. 10: ANTONYMS: Vainglorious is most nearly opposite in meaning to

- A) Introverted B) Sardonic C) Ostentatious D) Humble E) Consummate

QNo. 11: ANTONYMS: Disheveled is most nearly opposite in meaning to

- A) Crumpled B) Angelic C) Scattered D) Fermented E) Ordered

QNo. 12: Choose the correct option for striked phrase or sentence: Once a hurricane is identified, it is given a name from a list drawn up by the United States Weather Service, a list that is reused after a few years. ~~A but with the names of the worst hurricanes omitted.~~

- A) But With The Names Of The Worst Hurricanes Omitted
B) Omitting The Names Of The Worst Hurricanes
C) The Names Of The Worst Hurricanes Being Omitted
D) After They Have Omitted The Names Of The Worst Hurricanes
E) After Omitting The Worst Hurricane Names

QNo. 13: To get the promotion she wanted, Sania _____ that it was best to go back to school to get her masters degree as soon as she could.

- A) Anticipated B) Hindered C) Augmented D) Resolved

QNo. 14: ANTONYMS: Obstreperous is most nearly opposite in meaning to

- A) Placid B) Stubborn C) Raucous D) Febrile E) Amicable

QNo. 15: SYNONYMS: Palliative is most similar in meaning to

- A) Tyrannical B) Overt C) Curative D) Festive E) Restive

QNo. 16: Choose the correct option for striked phrase or sentence: The best way to encourage innovative thinking is not to promise financial rewards for ideas, ~~but to ensure that the person making the suggestion receives recognition for his contribution.~~

- A) But To Ensure That The Person Making The Suggestion Receives Recognition For His Contribution.
B) But To Ensure That The Person Who Makes The Suggestion Will Be Receiving Recognition For His Contribution.
C) But Rather By Ensuring That The Person Making The Suggestion Receives Recognition For His Contribution.
D) But Rather Ensure That Suggestion-maker Receives Recognition For His Contribution.
E) But Instead Make Sure That The Suggestion-maker Will Receive Recognition.

QNo. 17: SYNONYMS: Aspersions is most similar in meaning to

- A) Stone B) Breath C) Slander D) Accolade E) Vagary

QNo. 18: SYNONYMS: Stringent is most similar in meaning to

- A) Demonic B) Tough C) Tenuous D) Lax E) Furious

QNo. 19: Even though the auditors _____ the accountant, his reputation was _____ by the allegations of fraud.

- A) Indicted - Blemished
B) Betrayed - Ruined
C) Cleared - Condoned
D) Exonerated - Tarnished

QNo. 20: ANTONYMS: Zealous is most nearly opposite in meaning to

- A) Nonchalant B) Irrevocable C) Motley D) Trenchant E) Prudent

QNo. 21: The oxygen concentration in the air is _____?

- A) 30% B) 21% C) 16% D) 45%

QNo. 22: Protein content in barley is higher than _____?

- A) Maize B) Rice C) Wheat D) None Of The Above

QNo. 23: Which one of the following instrument is used to measure the relative humidity in the atmosphere _____?

- A) Colorimeter
B) Hygrometer
C) Paramagnetic Analyzer
D) None Of The Above

QNo. 24: Global gene bank of Potato is located at _____?

- A) Columbia B) Florida C) Cip Peru D) None Of The Above

QNo. 25: Which one is the main source of foreign exchange earnings?

- A) Textile B) Foreign Remittances C) Agriculture D) Manufacturing

QNo. 26: Cultivation of same crop year after year is called _____?

- A) Single Cropping
B) Monocropping
C) Double Cropping
D) All The Above

QNo. 27: How much of the total export earnings is through agriculture?

- A) 45% B) 55% C) 65% D) 75%

QNo. 28: The agriculture sector of Pakistan generates _____% of employment.

- A) 39.0 B) 40.5 C) 42.0 D) 43.5

QNo. 29: How many crops seasons are in Pakistan?

- A) 2 B) 3 C) 4 D) None Of The Above.

QNo. 30: The science of rearing honey bees for honey is known as _____?

- A) Sericulture B) Honey Culture C) Apiculture D) Silviculture

QNo. 31: Global gene pool rice is maintained at _____?

- A) China B) Irrir Philippines C) Mexico D) None Of The Above

QNo. 32: Mating between distantly related individuals is known as?

- A) Inbreeding B) Out Breeding C) Amphimixis D) All The Above

QNo. 33: Artificial vegetative reproduction is done by _____?

- A) Grafting B) Budding C) Layering D) All The Above

QNo. 34: Plants uptake their nutrients from _____?

- A) Air B) Water C) Soil D) All The Above

QNo. 35: Which one of the following is the largest sector of Pakistan's economy?

- A) Banking B) Industry C) Agriculture D) Manufacturing

QNo. 36: Which are Pakistan's major seasons for agricultural crops?

- A) Kharif And Barani
B) Kharif And Rabi
C) Barani And Rabi
D) Kharif, Rabi And Barani

QNo. 37: Narcotic crops mainly grown in Pakistan is _____?

- A) Pyrethrum B) Cocon C) Tobacco D) None Of The Above

QNo. 38: Air contains _____?

- A) 70% Nitrogen
- B) 50% Nitrogen
- C) 78% Nitrogen
- D) None Of The Above

QNo. 39: The process of producing several identical copies of a gene sequence is referred to as _____?

- A) Gene Sequencing
- B) Gene Cloning
- C) Gene Splicing
- D) Micro Cloning

QNo. 40: Cabbage, cauliflower, broccoli, knol-knol are _____?

- A) Leafy Vegetables
- B) Solanaceous Vegetables
- C) Floral Vegetable
- D) Cole Crop

QNo. 41: What means by lithosphere?

- A) Rigid, Rocky Outer Layer Of Earth
- B) Water Surface Of Earth
- C) None Of These
- D) Both Of These

QNo. 42: World War 1 began in:

- A) 1914
- B) 1915
- C) 1916
- D) 1917

QNo. 43: Year of Independence of Afghanistan:

- A) 1909
- B) 1919
- C) 1929
- D) 1939

QNo. 44: Which was the first air force of the world?

- A) Turkish Air Force
- B) Royal Air Force Of Great Britain
- C) Israeli Air Force
- D) Italian Army Aviation

QNo. 45: Noble Prizes has been awarded every year since:

- A) 1851
- B) 1901
- C) 1931
- D) 1921

QNo. 46: What is the name of first muslim astronaut?

- A) Muqrin Bin Abdul Aziz
- B) Muhammad Bin Salman
- C) Muhammad Bin Nayef
- D) Salman Bin Abdul Aziz

QNo. 47: What is photometer?

- A) Instrument For Testing Picture Quality
- B) Instrument For Measuring Light Intensity
- C) Instrument For Measuring Size Of Picture
- D) Instrument For Checking Colors Of Pictures

QNo. 48: What is the length of The Great China Wall?

- A) 5004 Km
- B) 6400 Km
- C) 7600 Km
- D) 8000 Km

QNo. 49: The Hanging Gardens of Babylon were built in:

- A) 400 Bc
- B) 500 Bc
- C) 600 Bc
- D) 700 Bc

QNo. 50: Pakistan officially joined the United Nations (UN) on:

- A) 20 September 1947
- B) 25 September 1947
- C) 28 September 1947
- D) 30 September 1947

QNo. 51: The soap was made by _____ first off all.

- A) Hazrat Ishaq (as)
- B) Hazrat Salih (as)
- C) Hazrat Loot (as)
- D) Hazrat Yaqoob (as)

QNo. 52: The biggest Islamic country with area is _____.

- A) Egypt
- B) Kazakhstan
- C) Libya
- D) Sudan

QNo. 53: The first biography on the life of Holy Prophet (PBUH) is by _____.

- A) Ibne Ishaq
- B) Ibn E Hisham
- C) Al-zarqali
- D) Al-waqidi

QNo. 54: Amir Muawiya transferred his capital from Kufa to _____.

- A) Baghdad
- B) Damascus
- C) Makkah
- D) Madina

QNo. 55: Hazrat Sara (RA) the wife of Hazrat Ibrahim (AS) and the mother of Hazrat Ishaq (AS) was the sister of Prophet _____.

- A) Hazrat Hood (as)
- B) Hazrat Loot (as)
- C) Hazrat Uzair (as)
- D) Hazrat Ibrahim (as)

QNo. 56: When Maulana Muhammad Ali Johar issued Comrade Newspaper from kolkata?

- A) 14 Jan 1910
- B) 14 Jan 1912
- C) 14 Jan 1911
- D) 14 Jan 1913

QNo. 57: On _____ 1988, Benazir Bhutto became the first woman Prime Minister of Pakistan.

- A) 4th April
- B) 18 June
- C) 29 August
- D) 1st December

QNo. 58: Karachi Steel Mills was established in _____.

- A) 1973
- B) 1983
- C) 1985
- D) 1989

QNo. 59: In 1974, Pakistan became the Chairman of _____.

- A) Uno
- B) Who
- C) Ilo
- D) Oic

QNo. 60: USA President Bill Clinton arrived Pakistan in which year?

- A) 1998
- B) 2000
- C) 2002
- D) 2004

QNo. 61: A farmer has 2 fields. If one field is twice the size of the other, and the smaller field is 5 acres, what is the total area of both fields?

- A) 10 Acres
- B) 15 Acres
- C) 20 Acres
- D) 25 Acres

QNo. 62: A farmer has a rectangular field with a perimeter of 120 meters. If the length is 40 meters, what is the width of the field?

- A) 20 Meters
- B) 25 Meters
- C) 30 Meters
- D) 35 Meters

QNo. 63: If a farmer has a circular pond with a radius of 8 meters, what is the approximate area of the pond?

- A) 64 Sq. Meters
- B) 128 Sq. Meters
- C) 160 Sq. Meters
- D) 200 Sq. Meters

QNo. 64: Farmer A field produces 10% more corn than Farmer B field. If Farmer B field produces 800 kilograms of corn, how much corn did Farmer A field produce?

- A) 880 Kilograms
- B) 900 Kilograms
- C) 920 Kilograms
- D) 1000 Kilograms

QNo. 65: If the cost of plowing one acre of land is Rs 30, how much will it cost to plow a field of 5 acres?

- A) Rs 100
- B) Rs 120
- C) Rs 150
- D) 180

QNo. 66: If the average yield per hectare for a specific crop is 500 kilograms and a farmer has a field of 2 hectares, what is the total yield?

- A) 750 Kilograms
- B) 1000 Kilograms
- C) 1500 Kilograms
- D) 2000 Kilograms

QNo. 67: If the cost of pesticides for a field is Rs 2 per square meter, how much will it cost to treat a field of 800 square meters?

- A) Rs 1200
- B) Rs 1600
- C) Rs 2000
- D) Rs 2400

QNo. 68: If a crop requires 3 liters of water per square meter, how much water is needed to irrigate a field of 500 square meters?

- A) 1000 Liters
- B) 1200 Liters
- C) 1500 Liters
- D) 1800 Liters

QNo. 69: Farmer X sowed wheat in 2/5 of his field and rice in the remaining. If his field is 10 hectares, how many hectares are sown with rice?

- A) 2 Hectares
- B) 4 Hectares
- C) 6 Hectares
- D) 8 Hectares

QNo. 70: A farmer has 15 cows, and each cow produces an average of 20 liters of milk per day. How many liters of milk does the farmer get in a week?

- A) 2100 Liters
- B) 2250 Liters
- C) 2400 Liters
- D) 2800 Liters

QNo. 71: A farmer harvested 500 kilograms of wheat from his field. If each bag can hold 25 kilograms of wheat, how many bags did he fill?

- A) 15 Bags
- B) 20 Bags
- C) 25 Bags
- D) 30 Bags

QNo. 72: A farmer divides his land into equal parts for three different crops: wheat, corn, and barley. If he has 15 acres of land and allocates 5 acres to each crop, what percentage of the total land is used for barley?

- A) 10%
- B) 20%
- C) 25%
- D) 33.33%

QNo. 73: If a farmer needs to water his crops every 3 days, how many times does he need to water them in a month?

- A) 8 Times
- B) 10 Times
- C) 12 Times
- D) 15 Times

QNo. 74: If the cost of fertilizing one acre of land is Rs 50, how much will it cost to fertilize a field of 8 acres?

- A) Rs 200
- B) Rs 350
- C) Rs 400
- D) Rs 450

QNo. 75: If a farmer has a rectangular field with a length of 50 meters and a width of 30 meters, what is the total area of the field?

- A) 1500 Sq. Meters
- B) 1000 Sq. Meters
- C) 2000 Sq. Meters
- D) 2500 Sq. Meters

QNo. 76: If a tractor can plow 2 acres of land in 4 hours, how many acres can it plow in 8 hours?

- A) 4 Acres
- B) 6 Acres
- C) 8 Acres
- D) 10 Acres

QNo. 77: A farmer divides his land into three equal parts. If the total area of the land is 15 acres, what is the area of each part?

- A) 3 Acres
- B) 5 Acres
- C) 8 Acres
- D) 10 Acres

QNo. 78: A farmer harvested 600 bushels of apples. If each bushel contains 50 apples, how many apples did the farmer harvest in total?

- A) 25,000 Apples
- B) 30,000 Apples
- C) 35,000 Apples
- D) 40,000 Apples

QNo. 79: Which of the following is a prime number?

- A) 9
- B) 2
- C) 4
- D) 8

QNo. 80: If A and B together can complete a work in 18 days, A and C together in 12 days, and B and C together in 9 days, then B alone can do the work in:

- A) 18 Days
- B) 24 Days
- C) 30 Days
- D) 40 Days

QNo. 81: Which of the following is a method used for evaluating the profitability of an investment by finding the interest rate that equates the present value of cash inflows with the present value of outflows?

- A) Npv
- B) Irr
- C) Cogs
- D) Roi

QNo. 82: If the COGS for a product is Rs 120, and the gross profit is Rs 80, what is the selling price?

- A) Rs 160
- B) Rs 200
- C) Rs 240
- D) Rs 280

QNo. 83: COGS (Cost of Goods Sold) is an essential component in calculating:

- A) Net Income
- B) Gross Profit
- C) Operating Profit
- D) Return On Investment

QNo. 84: The formula for calculating ROI is:

- A) $(\text{net Income} / \text{Initial Investment}) \times 100$
- B) $(\text{gross Profit} / \text{Initial Investment}) \times 100$
- C) $(\text{net Income} / \text{Revenue}) \times 100$
- D) $(\text{net Income} / \text{Cogs}) \times 100$

QNo. 85: If the initial investment for a project is Rs 50,000, the cash inflows are Rs 20,000 per year for four years, and the discount rate is 10%, what is the NPV?

- A) - Rs 7,273
- B) - Rs 5,000
- C) Rs 5,000
- D) Rs 7,273

QNo. 86: A farmer took a loan of Rs 15,000 at an annual interest rate of 8%. If the loan is to be repaid in three equal installments, what is the total interest paid?

- A) Rs 1,000
- B) Rs 1,200
- C) Rs 1,500
- D) Rs 1,800

QNo. 87: What is the formula for calculating interest?

- A) $\text{Principal} \times \text{Rate} \times \text{Time}$
- B) $\text{Principal} / \text{Rate} / \text{Time}$
- C) $\text{Principal} + \text{Rate} + \text{Time}$
- D) $\text{Principal} - \text{Rate} - \text{Time}$

QNo. 88: Which financial ratio indicates the proportion of revenue that exceeds the COGS?

- A) Gross Profit Margin
- B) Net Profit Margin
- C) Operating Profit Margin
- D) Return On Investment (roi)

QNo. 89: In NPV analysis, if the calculated NPV is positive, it indicates:

- A) Profitability
- B) Loss
- C) Break-even
- D) Liquidity

QNo. 90: In financial terms, what does ROI stand for?

- A) Return On Investment
- B) Rate Of Interest
- C) Revenue On Investment
- D) Risk Of Investment

QNo. 91: If the selling price of a product is Rs 150, and the COGS is Rs 80, what is the gross profit?

- A) Rs 70
- B) Rs 80
- C) Rs 150
- D) Rs 230

QNo. 92: What is the formula for calculating Profit Margin?

- A) $(\text{net Income} / \text{Revenue}) \times 100$
- B) $(\text{net Income} / \text{Total Assets}) \times 100$
- C) $(\text{cogs} / \text{Revenue}) \times 100$
- D) $(\text{operating Profit} / \text{Revenue}) \times 100$

QNo. 93: What does NPV stand for in financial terms?

- A) Net Profit Value
- B) Net Present Value

- C) Non-performing Venture
- D) New Project Valuation

QNo. 94: Which financial metric provides a measure of the efficiency of a company's use of its assets in generating profit?

- A) **RoI (return On Investment)**
- B) Roa (return On Assets)
- C) Roe (return On Equity)
- D) Irr (internal Rate Of Return)

QNo. 95: In financial terms, what does IRR represent?

- A) Internal Revenue Rate
- B) Internal Risk Ratio
- C) **Internal Rate Of Return**
- D) Interest Rate Revenue

QNo. 96: What is the primary purpose of calculating the NPV of an investment?

- A) **To Assess Profitability**
- B) To Estimate Risk
- C) To Determine Liquidity
- D) To Evaluate Market Share

QNo. 97: If the initial investment for a project is Rs 80,000, and the discounted cash inflows are Rs 30,000 per year for three years, what is the IRR?

- A) 5% B) 10% C) 15% D) **20%**

QNo. 98: The formula for calculating Gross Profit is:

- A) **Revenue - Net Income**
- B) Revenue - Cogs
- C) Net Income - Cogs
- D) Net Income / Cogs

QNo. 99: If the COGS for a product is Rs 50, and the selling price is Rs 80, what is the gross profit margin?

- A) 20% B) 30% C) 40% D) **60%**

QNo. 100: A farmer invested Rs 10,000 in a new irrigation system. If the expected annual cash inflow from the system is Rs 2,500 for the next five years, and the discount rate is 8%, what is the NPV?

- A) **Rs 1,000** B) Rs 1,500 C) Rs 2,000 D) Rs 2,500