

FEDERAL PUBLIC SERVICE COMMISSION
SPECIAL COMPETITIVE EXAMINATION-2023
MCQ BASED PRELIMINARY TEST (MPT)
(FOR MUSLIMS) (BATCH-1)

NOTE: Some of the questions are missing from the list because they could not be found.

Q1: Prophet Muhammad (PBUH) belongs to which tribe?

- (A) Quresh
- (B) Bani
- (C) Makki
- (D) Ummayi

Correct Answer: A - Quresh

Explanation: Prophet Muhammad (PBUH) belonged to the Banu Hashim clan of the Quresh tribe.

Q2: Which Prophet has the title of "Khateeb ul Anbiya"?

- (A) Hazrat Dawood (ع)
- (B) Hazrat Noah (ع)
- (C) Hazrat Yaqoob (ع)
- (D) Hazrat Shoaib (ع)

Correct Answer: D - Hazrat Shoaib (ع)

Explanation: Hazrat Shoaib (ع) is known as "Khateeb ul Anbiya" (the Orator of the Prophets).

Q3: The Al-Hudaibiyah treaty was signed by:

- (A) Hazrat Abubaker (ع)
- (B) Hazrat Umar (ع)
- (C) Hazrat Usman (ع)
- (D) Hazrat Ali Al Murtaza (ع)

Correct Answer: D - Hazrat Ali Al Murtaza (ع)

Explanation: Hazrat Ali (ع) was the scribe who wrote the terms of the Treaty of Hudaibiyah.

Q4: The "Ghazi of Yarmuk" was between the Muslims and:

- (A) Romans
- (B) Jews
- (C) Persians
- (D) None of these

Correct Answer: A - Romans

Explanation: The Battle of Yarmuk was a major battle fought between the Muslim army and the Byzantine (Roman) Empire.

Q5: Who compiled the first work of Hadith "Sahifa-e-Ahadith"?

- (A) Hazrat Abubaker (ع)
- (B) Hazrat Abdullah Bin Umar (ع)
- (C) Hazrat Abu Huraira (ع)
- (D) Imam Bukhari (ع)

Correct Answer: D - Imam Bukhari (ع)

Explanation: Imam Bukhari compiled one of the most authentic collections of Hadith.

Q6: Who advised Hazrat Abubaker (ؓ) to compile the Holy Quran?

- (A) Hazrat Umar (ؓ)
- (B) Hazrat Usman (ؓ)
- (C) Hazrat Ali (ؓ)
- (D) Hazrat Zaid Bin Sabit (ؓ)

Correct Answer: A - Hazrat Umar (ؓ)

Explanation: Hazrat Umar (ؓ) suggested to Hazrat Abu Bakr (ؓ) that the Quran be compiled into a single manuscript.

Q7: The phrase "Muhammad is the Messenger of Allah" is stated in which Surah of the Holy Quran?

- (A) Surah Yaseen
- (B) Surah Muhammad
- (C) Surah Rahman
- (D) Surah Fatah

Correct Answer: D - Surah Fatah

Explanation: The phrase "Muhammadur Rasulullah" is found in verse 29 of Surah Al-Fatah.

Q8: In what year did Bait-e-Rizwan take place?

- (A) 5 AH
- (B) 6 AH
- (C) 7 AH
- (D) 8 AH

Correct Answer: B - 6 AH

Explanation: Bait-e-Rizwan occurred in the year 6 AH during the journey for Umrah.

Q9: "Asad-ullah" is the name of:

- (A) Hazrat Ali (ع)
- (B) Hazrat Hamza (ع)
- (C) Hazrat Saad (ع)
- (D) Hazrat Khalid bin Waleed (ع)

Correct Answer: B - Hazrat Hamza (ع)

Explanation: Hazrat Hamza ibn Abdul Muttalib (ع) was given the title "Asad-ullah" (Lion of Allah).

Q10: Which night has been regarded as better than one thousand nights in the Holy Quran?

- (A) Night of Mairaj
- (B) Night of Eid ul Fitar
- (C) Night of Qadar
- (D) Night of Barat

Correct Answer: C - Night of Qadar

Explanation: Laylat al-Qadr (the Night of Qadar or Power) is mentioned as being "better than a thousand months" in the Quran.

Q11: The Ottoman Empire lasted for:

- (A) 4 Centuries

- (B) 5 Centuries
- (C) 6 Centuries
- (D) None of these

Correct Answer: C - 6 Centuries

Explanation: The Ottoman Empire was founded around 1299 and dissolved in 1922, spanning over six centuries.

Q12: Prophet Muhammad (PBUH) stayed at Hazrat Ayub Ansari's house for:

- (A) 7 months
- (B) 10 months
- (C) 12 months
- (D) None of these

Correct Answer: A - 7 months

Explanation: The Prophet Muhammad (PBUH) stayed at the home of Hazrat Ayub Ansari (RA) for seven months.

Q13: Hazrat Haleema (ع) looked after the Holy Prophet (PBUH) for:

- (A) 4 years
- (B) 5 years
- (C) 6 years
- (D) None of these

Correct Answer: A - 4 years

Explanation: Hazrat Haleema Sadia (RA) was the foster mother of the Prophet (PBUH) for four years.

Q14: Malik Fajah was introduced in Spain in the reign of:

- (A) Hakam
- (B) Rehma
- (C) Bin-e-Ishaq
- (D) Musa

Correct Answer: D - Musa

Explanation: Malik Fajah was a prominent Arab leader in Spain during the time of Musa bin Nusair.

Q15: At the time of his last Hajj, the Prophet Muhammad (PBUH) addressed Muslims at Arafat. How many people were there?

- (A) 1,00,000
- (B) 1,40,000
- (C) 1,50,000
- (D) None of these

Correct Answer: B - 1,40,000

Explanation: Historical sources estimate that the number of people at the farewell pilgrimage was around 1,40,000.

Q16: Hijra was imposed in the Islamic State by the Prophet of Islam (PBUH) in the:

- (A) 8 AH
- (B) 9 AH
- (C) 10 AH

(D) None of these

Correct Answer: D - None of these

Explanation: Hijra refers to the migration of the Prophet (PBUH) from Makkah to Madina in 1 AH.

Q17: According to the Qur'an there are _ heads where zakat can be spent.

(A) 7

(B) 8

(C) 9

(D) None of these

Correct Answer: B - 8

Explanation: Surah At-Tawbah (9:60) specifies eight categories of people who are eligible to receive zakat.

Q18: Lady Haleema (ؓ) was the foster mother of the Prophet (PBUH) who belonged to:

(A) Banu Saad

(B) Banu Awfa

(C) Banu Taym

(D) None of these

Correct Answer: A - Banu Saad

Explanation: Hazrat Haleema Sadia (RA) was from the Banu Saad tribe.

Q19: In the beginning of Madinan life, the Prophet Muhammad (PBUH) stayed in the settlement of:

- (A) Banu Sa'd
- (B) Banu Awsa
- (C) Banu Najjar
- (D) None of these

Correct Answer: C - Banu Najjar

Explanation: Upon arriving in Madina, the Prophet (PBUH) stayed with the Banu Najjar clan.

Q20: At the time of the conquest of Makkah, the Prophet Muhammad (PBUH) was accompanied by _ companions.

- (A) 10,000
- (B) 15,000
- (C) 20,000
- (D) None of these

Correct Answer: A - 10,000

Explanation: An army of 10,000 Muslims marched with the Prophet (PBUH) for the conquest of Makkah.

Q41: Based on the information in the passage, which of the following best describes John Billington?

- (A) A man who was a criminal
- (B) A man who was a murderer
- (C) A man who was a Pilgrim

(D) None of these

Correct Answer: B - A man who was a murderer

Explanation: The passage states that John Billington was executed for the first murder ever committed in the United States.

Q42: Which of the following is not true of John Billington, according to the passage?

(A) He was a bad man

(B) He was a criminal

(C) He served in the military under Miles Standish

(D) He tried to lead a mutiny

Correct Answer: C - He served in the military under Miles Standish

Explanation: The passage implies that he was a bad man, a criminal, and he did try to lead a mutiny.

Q43: The closest meaning of the underlined word "arduous" as used in the passage is:

(A) Difficult

(B) Long

(C) Soothing

(D) None of these

Correct Answer: A - Difficult

Explanation: An "arduous" trip is a difficult and challenging one.

Q44: Why did the leaders of Plymouth Colony punish Billington for conspiring against their authority?

- (A) He was not guilty
- (B) Billington was Miles Standish's nephew
- (C) He had two sons who needed him
- (D) They didn't have enough evidence

Correct Answer: C - He had two sons who needed him

Explanation: The passage states that Billington was not executed for the mutiny because he had two young sons who needed him.

Q45: A good title for this passage would be:

- (A) The History of Plymouth Colony
- (B) The Injustices of Miles Standish
- (C) America's First Murderer
- (D) Early American Legal Battles

Correct Answer: C - America's First Murderer

Explanation: The passage's main subject is John Billington, who committed America's first murder.

Q46: When the meeting had finished, they went _ the plan once again.

- (A) A
- (B) Up
- (C) In
- (D) Over

Correct Answer: D - Over

Explanation: To "go over" a plan means to review or examine it carefully.

Q47: We have been able to obtain no information _ his whereabouts.

- (A) On
- (B) In
- (C) From
- (D) About

Correct Answer: D - About

Explanation: The correct preposition to use when discussing information regarding a person's location is "about."

Q48: We do not know whether you had to leave or not. If you had to, _ one, however, I would have given it to you freely.

- (A) Had to leave
- (B) Had to go
- (C) Had to
- (D) Had to do

Correct Answer: C - Had to

Explanation: The phrase "had to" is sufficient to complete the sentence without being redundant.

Q49: Some compound adjectives contain hyphens. Which of the following sentences is correct?

- (A) She is a decent-judge of character

- (B) She submitted a 150-page document supporting her position
- (C) We're adopted a two-year old publication
- (D) We're reading an art-affect

Correct Answer: B - She submitted a 150-page document supporting her position

Explanation: Compound adjectives that precede a noun are typically hyphenated. "150-page" is the correct hyphenation.

Q50: _ you _ to go to sleep early? It's sometimes to relax.

- (A) Do you, go
- (B) Do you, to sleep
- (C) Do you, sleeping
- (D) Do you, to relax

Correct Answer: A - Do you, go

Explanation: The correct grammatical structure for a simple present tense question is "Do you go."

Q80: What is the next number in the series: 1.5, 2.5, 3.5, 4.5, ...?

- (A) 5.5
- (B) 6.5
- (C) 7.5
- (D) None of these

Correct Answer: A - 5.5

Explanation: This is an arithmetic progression where each term increases by 1.

Q81: If 15 is taken from either end of a row of boys, how many boys are there in that row?

- (A) 34
- (B) 35
- (C) 36
- (D) 37

Correct Answer: D - None of these

Explanation: This question is ambiguous. A logical interpretation is that there are 15 boys from each end. If the boy at the 15th position is counted twice, the total is $15+15-1=29$.

Q82: The surface area of a hollow cylinder with radius 'r' and height 'h' is measured by:

- (A) $2\pi rh$
- (B) πrh
- (C) $2\pi r$
- (D) None of these

Correct Answer: A - $2\pi rh$

Explanation: The surface area of a hollow cylinder is the circumference of the base ($2\pi r$) multiplied by the height (h).

Q83: If ME=26, MEET=39, then NUT is equal to:

- (A) 50
- (B) 53

(C) 56

(D) None of these

Correct Answer: D - None of these

Explanation: The logic for this question is not clear from the given examples.

Q84: The hardness of a hammer is due to:

(A) Ionizing

(B) Covalent

(C) Metallic

(D) None of these

Correct Answer: C - Metallic

Explanation: The hardness of a hammer is a property of the metal it's made from, which is determined by its metallic bonds and heat treatment.

Q85: In which layer of the atmosphere are most of the clouds formed?

(A) Troposphere

(B) Stratosphere

(C) Mesosphere

(D) None of these

Correct Answer: A - Troposphere

Explanation: The troposphere is the lowest layer of the atmosphere and contains most of the Earth's water vapor, making it the primary location for cloud formation.

Q107: A, B, C and D each have different amount of money. C has more money than D but less than A. Who among them has the highest amount of money?

- (A) B
- (B) C
- (C) D
- (D) None of these

Correct Answer: D - None of these

Explanation: From the given information ($C > D$, $C < A$), A has more money than C, and C has more money than D. We have no information to compare B with A, C, or D, so we can't determine who has the highest amount of money.

Q108: R, S, P and Q are sitting in a row. S and R are in the center, and P and Q are at the ends. R is sitting to the left of A. What is to the right of P?

- (A) R
- (B) S
- (C) Q
- (D) None of these

Correct Answer: D - None of these

Explanation: The question is ambiguous with a typo ("left of A").

Q109: If North-East becomes North, North-West becomes West and so on. What will West become?

- (A) North-East
- (B) North-West
- (C) South-East
- (D) None of these

Correct Answer: A - North-East

Explanation: The pattern is a rotation. North-East becomes North (45° counter-clockwise), and North-West becomes West (45° counter-clockwise). Following this, West becomes South-West, which is not an option. The question is likely flawed.

Q110: Some candies in the pack are lemon-flavored, some candies in the pack are blue-colored. The conclusion is:

- (A) Some candies in the pack are lemon-flavored
- (B) All lemon-flavored candies are blue-colored
- (C) All candies in the pack are blue-colored
- (D) None of these

Correct Answer: D - None of these

Explanation: The statements are factual observations and do not provide any logical basis for a conclusion.

Q111: Rami was born two years after his parents' marriage. His mother is five years younger than his father, but twenty years older than Sami who is ten years old now. At what age did his father get married?

- (A) 23 years
- (B) 25 years
- (C) 27 years

(D) None of these

Correct Answer: A - 23 years

Explanation: Sami is 10. His mother is $10+20 = 30$. His father is $30+5 = 35$. The father was 35 at Sami's birth. Since Rami was born 2 years after his parents' marriage, and the question is likely referring to Sami's father's marriage, the age is $35-10-2=23$. Let's re-examine. Sami is 10. His mother is 30. His father is 35. Rami was born two years after the marriage. The question is about Rami's father. The age difference is 2. The father's age is 35. Rami's age is 10. The father was $35-10=25$ at Rami's birth. So he was married at $25-2=23$.

Q112: In a village of 200 people, 90 like tea, while 100 like coffee and 46 people like both tea and coffee. How many people like neither tea nor coffee?

(A) 64

(B) 54

(C) 65

(D) None of these

Correct Answer: B - 56

Explanation: Total people = 200. People who like tea or coffee = $(90 + 100) - 46 = 144$. People who like neither = $200 - 144 = 56$. The answer is not in the options.

Q113: Which of the following is a prime number?

(A) 91

(B) 97

(C) 99

(D) None of these

Correct Answer: B - 97

Explanation: A prime number is a number that can only be divided by 1 and itself. 97 is a prime number. 91 is divisible by 7 and 13. 99 is divisible by 3, 9, 11, etc.

Q114: Write the next number of the given series: 4, 7, 11, 18, 29, ...

(A) 47

(B) 49

(C) 51

(D) None of these

Correct Answer: A - 47

Explanation: This is a Fibonacci-like sequence where each number is the sum of the two preceding numbers. $4+7=11$, $7+11=18$, $11+18=29$. The next number is $18+29=47$.

Q115: A farmer has some roosters and some buffaloes. If the number of heads is 48 and the number of feet is 146, then the number of roosters will be:

(A) 29

(B) 25

(C) 22

(D) None of these

Correct Answer: D - None of these

Explanation: Let 'r' be the number of roosters and 'b' be the number of buffaloes. $r+b=48$, and $2r+4b=146$. Solving these equations gives $r=23$ and $b=25$. The number of roosters is 23, which is not an option.

Q116: To answer the question, "What day is the fourteenth of a given month?", the information given is:

- (A) The last day of the month was Wednesday
- (B) The third Saturday of the month was the twentieth
- (C) Both statement (i) and (ii) are enough to answer the question
- (D) None of these

Correct Answer: B - The third Saturday of the month was the twentieth

Explanation: If the 20th is a Saturday, then the 14th would be the preceding Sunday ($20-6=14$).

Q117: A, B, C and D have a different relationship when compared to the rest of pairs.

- (A) Blue: Red
- (B) Clear: Search
- (C) Care: Besech
- (D) None of these

Correct Answer: C - Care: Besech

Explanation: This is a word analogy question. The pairs have different relationships.

Q118: If search is learn, then:

- (A) Explore: Discover

(B) Clear: Search

(C) Care: Besech

(D) None of these

Correct Answer: A - Explore: Discover

Explanation: To search is to find information, to learn. To explore is to find something, to discover.

Q119: The difference of two integers is 36. The smaller integer is 60% smaller than the larger integer. What is the sum of the two?

(A) 100

(B) 120

(C) 140

(D) None of these

Correct Answer: D - None of these

Explanation: Let the larger integer be 'x'. The smaller integer is $x - 0.60x = 0.40x$. The difference is $x - 0.40x = 0.60x = 36$. Solving for x gives $x = 60$. The smaller integer is $0.40 \times 60 = 24$. The sum is $60 + 24 = 84$.

Q120: The average of the ages of 5 children born at the intervals of 2 years is 18 years. What is the age of the youngest child?

(A) 12

(B) 13

(C) 14

(D) None of these

Correct Answer: C - 14

Explanation: Let the ages be x , $x+2$, $x+4$, $x+6$, and $x+8$. The average is $(5x+20)/5=18$. Solving for x gives $5x+20=90$, so $5x=70$, and $x=14$.

Q121: When $x=2$ y , the solution for x will be:

- (A) 2
- (B) 1
- (C) 0
- (D) None of these

Correct Answer: D - None of these

Explanation: The question is incomplete without a given value for 'y'.

Q122: For the two given quantities, A and B, which one is greater than other?

- (A) A is greater than B
- (B) B is greater than A
- (C) Both are same
- (D) Not possible to determine

Correct Answer: D - Not possible to determine

Explanation: The quantities A and B are not defined, so it's impossible to compare them.

Q123: A jug of juice contains 2 litres of a mixture of apple juice and orange juice in the ratio 1:3. We take out 400 ml of juice from the jug. How much more apple juice needs to be added so that the ratio becomes 7:5?

- (A) 800 ml

- (B) 1000 ml
- (C) 200 ml
- (D) None of these

Correct Answer: D - None of these

Explanation: Initially, there are 500 ml of apple juice and 1500 ml of orange juice. After taking out 400 ml, there are 400 ml of apple juice and 1200 ml of orange juice. To get a 7:5 ratio, we need to add 1280 ml of apple juice.

Q124: A family of a man and his wife have four daughters and three sons with their wives living together. Each of the sons has three sons and one daughter. How many female members are there in the family?

- (A) 11
- (B) 12
- (C) 13
- (D) None of these

Correct Answer: A - 11

Explanation: The female members are: the wife (1), the four daughters (4), the three sons' wives (3), and the three daughters of the sons (3). The total is $1+4+3+3=11$.

Q125: Given, ELIBBL::CV:! What will replace the question mark?

- (A) FW
- (B) QX
- (C) DV
- (D) None of these

Correct Answer: C - DV

Explanation: The question is likely flawed or based on a non-standard coding system not provided.

Q126: Find the number which does not fit in the series: 10, 25, 45, 54, 75, 85?

- (A) 45
- (B) 54
- (C) 75
- (D) None of these

Correct Answer: B - 54

Explanation: All the numbers in the series are multiples of 5, except for 54.

Q127: Which two signs need to be interchanged to make the given equation correct?

- (A) + and x
- (B) - and +
- (C) + and -
- (D) None of these

Correct Answer: D - None of these

Explanation: The equation is not visible in the image.

Q128: How many combinations of two-digit numbers having 6 can be formed from the following numbers? 6, 7, 5, 1, 3, 8

- (A) 6
- (B) 10
- (C) 11
- (D) None of these

Correct Answer: B - 10

Explanation: Numbers with 6 in the tens place: 61, 63, 65, 67, 68 (5 numbers). Numbers with 6 in the units place: 16, 36, 56, 76, 86 (5 numbers). Total is $5+5=10$.

Q129: When is Fawad's birthday?

- (A) When is Fawad's birthday? It is between June 16th and June 18th, while June 16th is a Friday.
- (B) It is not on Sunday.
- (C) Data in statement (A) is enough to answer the question
- (D) None of these

Correct Answer: D - None of these

Explanation: The birthday is on June 17th. This information is enough to answer the question, so the correct option should be C. The question and options are likely flawed.

Q132: For solving the algebraic expression

$2(x+3)-3(x-7)+2(y-2)+3(y+5)$, the answer should be:

- (A) $x+15y+27$
- (B) $-x+15y+27$
- (C) $8x-16y-27$

(D) None of these

Correct Answer: B - $-x+15y+27$

Explanation: The simplified expression is $-x+5y+38$. This does not match any of the options. There might be a typo in the question.

Q133: What is the value of x in the equation $x/2 - x/3 = 16$?

(A) 12

(B) 24

(C) 48

(D) None of these

Correct Answer: D - None of these

Explanation: Solving the equation gives $x=96$. None of the options are correct.

Q135: An equilateral triangle has:

(A) All its sides equal

(B) All its angles equal

(C) Both (A) & (B)

(D) None of these

Correct Answer: C - Both (A) & (B)

Explanation: An equilateral triangle has all three sides of equal length and all three angles equal to 60 degrees.

Q136: Complementary angles are angles whose measures have a sum equal to:

- (A) 90
- (B) 180
- (C) 160
- (D) None of these

Correct Answer: A - 90

Explanation: Complementary angles add up to 90 degrees.

Q137: 2, 4, 6, 8, 10, 12, ... What is the next number in the series?

- (A) 14
- (B) 16
- (C) 18
- (D) None of these

Correct Answer: A - 14

Explanation: This is a series of even numbers. The next number is 14.

Q138: 3, 2, 7, 6, 11, 10, ... What is the next number in the series?

- (A) 15
- (B) 14
- (C) 12
- (D) None of these

Correct Answer: A - 15

Explanation: The series alternates between subtracting 1 and adding 5. The next step is to add 5 to 10, which gives 15.

Q139: 1.5, 2.5, 3.5, 4.5, ... What is the next number in the series?

- (A) 5.5
- (B) 6.5
- (C) 7.5
- (D) None of these

Correct Answer: A - 5.5

Explanation: This is an arithmetic progression with a common difference of 1. The next number is 5.5.

Q140: If 15 is taken from either end of a row of boys, how many boys are there in that row?

- (A) 34
- (B) 35
- (C) 36
- (D) 37

Correct Answer: D - None of these

Explanation: The question is ambiguous.

Q141: If CAT is coded as 283, HAT is coded as 383 and ARE is coded as 801, then the code for BETTER is:

- (A) 23838
- (B) 32838
- (C) 12330
- (D) None of these

Correct Answer: D - None of these

Explanation: The coding pattern is not provided and cannot be inferred from the given examples.

Q142: In a group of buffaloes and ducks, the number of legs are 24 more than twice the number of heads. What is the number of buffaloes in the group?

- (A) 12
- (B) 10
- (C) 8
- (D) None of these

Correct Answer: A - 12

Explanation: Let 'b' be buffaloes and 'd' be ducks. $4b + 2d = 2(b + d) + 24$, which simplifies to $2b = 24$, so $b = 12$.

Q143: The surface area of a hollow cylinder with radius 'r' and height 'h' is measured by:

- (A) $2\pi rh$
- (B) πrh
- (C) $2\pi r$
- (D) None of these

Correct Answer: A - $2\pi rh$

Explanation: The surface area of a hollow cylinder is the area of its curved side, which is the circumference of the base ($2\pi r$) multiplied by the height (h).

Q144: If 26, MEET=39, then NUT is equal to:

- (A) 50
- (B) 53
- (C) 56
- (D) None of these

Correct Answer: D - None of these

Explanation: The question is incomplete and the coding logic is not clear.

Q161: The rotational speed of earth about its axis, when measured at equator in comparison to that measured at poles, is:

- (A) Smaller
- (B) Greater
- (C) Same
- (D) Depends on the time of day

Correct Answer: B - Greater

Explanation: The circumference at the equator is larger, so a point on the equator must travel a greater distance in the same time.

Q162: An antioxidant is a substance that will:

- (A) Protect cells against damage
- (B) Help absorption of oxygen by cells
- (C) Promote chemical reactions with oxygen in the body
- (D) None of these

Correct Answer: A - Protect cells against damage

Explanation: Antioxidants are molecules that protect cells from damage by neutralizing free radicals.

Q163: The biological studies of cat family is:

- (A) Lion
- (B) Leopard
- (C) Puma
- (D) None of these

Correct Answer: D - None of these

Explanation: A lion, leopard, and puma are all part of the cat family, but they are not the "studies" themselves.

Q164: The fluid part of blood is known as:

- (A) Plasma
- (B) Platelets
- (C) Lymph
- (D) None of these

Correct Answer: A - Plasma

Explanation: Plasma is the liquid component of blood in which blood cells are suspended.

Q165: The phenomenon which is due to the deflection of a charged particle in an electric field:

- (A) Heating
- (B) Bending

(C) Deflection

(D) None of these

Correct Answer: C - Deflection

Explanation: When a charged particle enters an electric field, the force exerted by the field causes the particle to be deflected from its path.

Q166: The hardness of a hammer is due to:

(A) Ionizing

(B) Covalent

(C) Metallic

(D) None of these

Correct Answer: C - Metallic

Explanation: The hardness of a hammer is a property of the metal it's made from, determined by its metallic bonds and heat treatment.

Q167: In which layer of the atmosphere are most of the clouds formed?

(A) Troposphere

(B) Stratosphere

(C) Mesosphere

(D) None of these

Correct Answer: A - Troposphere

Explanation: The troposphere is the lowest layer of the atmosphere and is where most weather phenomena, including cloud formation, occur.

Q168: Biosphere is defined as:

- (A) Part of earth, water and atmosphere inhabited by living organisms
- (B) Part of earth inhabited by plants
- (C) Part of earth inhabited by animals
- (D) None of these

Correct Answer: A - Part of earth, water and atmosphere inhabited by living organisms

Explanation: The biosphere is the global sum of all ecosystems, encompassing all parts of the planet where life exists.

Q169: Malaria, Polio, Dengue fever and Influenza are examples of:

- (A) Infectious diseases
- (B) Deficiency diseases
- (C) Endemic diseases
- (D) None of these

Correct Answer: A - Infectious diseases

Explanation: These are all diseases caused by pathogenic microorganisms.

Q170: The Protocol which assigns IP addresses to the client connected to the internet is:

- (A) TCP/IP
- (B) DHCP
- (C) HTTP
- (D) None of these

Correct Answer: B - DHCP

Explanation: DHCP (Dynamic Host Configuration Protocol) is the network protocol that automatically assigns IP addresses to devices on a network.

Q171: The transfer speeds of Wi-Fi data are given in order of:

- (A) a to b
- (B) a to c
- (C) a to d
- (D) None of these

Correct Answer: D - None of these

Explanation: The question is incomplete as the options are not defined.

Q172: The term "Light Year" refers to:

- (A) The time that light takes to travel one revolution around the sun
- (B) The distance that light travels in one year
- (C) The speed of light in miles per year
- (D) None of these

Correct Answer: B - The distance that light travels in one year

Explanation: A light-year is a unit of distance, not time. It is the distance light travels in one year.

Q173: Why does the sky appear blue?

- (A) Due to the scattering of light from atmosphere
- (B) Due to the reflection of light from earth's surface
- (C) Due to the blue colour of the atmosphere

(D) None of these

Correct Answer: A - Due to the scattering of light from atmosphere

Explanation: The sky appears blue due to Rayleigh scattering, where short-wavelength blue light is scattered more efficiently by atmospheric particles than other colors.

Q174: The extraction of metal from the ore is done by:

(A) Heating and chemical reduction

(B) Heating and oxidation

(C) Heating and extraction

(D) None of these

Correct Answer: A - Heating and chemical reduction

Explanation: The process of extracting metal from its ore is often achieved through a combination of heating and chemical reduction.

Q192: Constitutional amendment created military courts in Pakistan.

(A) 20th

(B) 21st

(C) 22nd

(D) None of these

Correct Answer: B - 21st

Explanation: The 21st Amendment to the Constitution of Pakistan established military courts.

Q193: The Afghanistan-Pakistan Transit Trade Agreement (APTTA) was signed in:

- (A) 2008
- (B) 2009
- (C) 2010
- (D) None of these

Correct Answer: C - 2010

Explanation: The APTTA was signed in October 2010.

Q194: "Zamindar" newspaper's founding editor was:

- (A) Maulana Muhammad Ali Jauhar
- (B) Maulana Zafar Ali Khan
- (C) Maulana Zafar Ali Khan
- (D) None of these

Correct Answer: B - Maulana Zafar Ali Khan

Explanation: Maulana Zafar Ali Khan founded the "Zamindar" newspaper.

Q195: Pakistan is a signatory of Nuclear Non-Proliferation Treaty (NPT) since:

- (A) 1978
- (B) 1979
- (C) 1980
- (D) None of these

Correct Answer: D - None of these

Explanation: Pakistan has not signed the Nuclear Non-Proliferation Treaty (NPT).

Q196: The West Pakistan Land Reforms Regulation passed in:

- (A) 1959
- (B) 1960
- (C) 1961
- (D) None of these

Correct Answer: A - 1959

Explanation: The West Pakistan Land Reforms Regulation was introduced in 1959.

Q197: The Pak-Afghan border 'Durand Line' was signed in:

- (A) 1893
- (B) 1894
- (C) 1895
- (D) None of these

Correct Answer: A - 1893

Explanation: The Durand Line agreement was signed in 1893.

Q198: Pakistan won _ Gold Medals at the 2022 Commonwealth Games.

- (A) Two
- (B) Three
- (C) Four
- (D) None of these

Correct Answer: A - Two

Explanation: Pakistan won two gold medals at the 2022 Commonwealth Games.

Q199: ECOWAS is a union of States in:

- (A) Latin America
- (B) Africa
- (C) East Asia
- (D) None of these

Correct Answer: B - Africa

Explanation: ECOWAS is the Economic Community of West African States, a union of states in Africa.

Q200: The Indus Waters Treaty Between Pakistan and India was mediated by the:

- (A) IMF
- (B) World Bank
- (C) United States
- (D) None of these

Correct Answer: B - World Bank

Explanation: The Indus Waters Treaty was brokered by the World Bank.