

## NIACL Asst. Pre. Memory Based Questions

### English

**Q1. Range anxiety, the fear of running in (A)/ of battery power before reaching (B)/ the destination, is a common (C)/ concern among trucking companies. (D)**

**Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as your answer response. (Ignore errors of punctuation, if any).**

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

**Q2. The future of electric trucks holds promise, (A)/ with a combination of technological (B)/ advancements and environmental benefits (C)/ shaping the way goods are transported global. (D)**

**Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as your answer response. (Ignore errors of punctuation, if any).**

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

**Q3. She was known for her \_\_\_\_\_ nature and generosity. In each of the questions given below, a statement has been given with a word omitted. Following the statement are five words that may fit in the blank. Choose the most appropriate word to make the statement contextually meaningful and grammatically correct.**

- (a) vicious
- (b) malevolent
- (c) savage
- (d) benevolent
- (e) inclement

- Q4. The psychologist's insights into human behaviour were \_\_\_\_\_ and enlightening. In each of the questions given below, a statement has been given with a word omitted. Following the statement are five words that may fit in the blank. Choose the most appropriate word to make the statement contextually meaningful and grammatically correct.**
- (a) shallow
  - (b) profound
  - (c) specious
  - (d) cosmetic
  - (e) peripheral
- Q5. The entrepreneur's \_\_\_\_\_ and resourcefulness helped him build a successful business. In each of the questions given below, a statement has been given with a word omitted. Following the statement are five words that may fit in the blank. Choose the most appropriate word to make the statement contextually meaningful and grammatically correct.**
- (a) ignorance
  - (b) ingenuity
  - (c) craziness
  - (d) inanity
  - (e) absurdity



---

## Reasoning

- Q1. Statements: All bench are table  
Only few table are chair  
All chair is wood  
Conclusions: I. Some wood can be bench  
II. All bench can be chair**

**In each of the questions below some statements are given followed by some Conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

- Q2. Statements: Only a few Alpha are Beta.  
All Beta are Gamma.  
No Gamma is Delta.  
Conclusions: I. Some Alpha are not Beta.  
II. All Gamma can be Alpha.**

**Assess the statements given below and evaluate the conclusions that follow. Assume the statements are accurate despite potential contradictions with general knowledge. Choose the appropriate option based on which conclusion(s) logically follows from the statements.**

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusions I and II follow.

- Q3. Statement:  
No health is lazy.  
Only a few health is sleep.  
Only a few lazy is bore.  
Conclusion:  
I. All sleep is bore.  
II. Some sleep is not bore.**

**In each of the question below, some statements are given followed by two conclusions numbered I and II given below it. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and decide**

which conclusion logically follows from the given statements disregarding commonly known facts. Give answer:

- (a) Only I follows
- (b) Only II follows
- (c) Either I or II follows
- (d) Neither I nor II follows
- (e) Both I and II follow

**Q4. Statements:  $B < K \leq J > N \geq O < Q \leq T > V$**

**Conclusions I:  $B < O$**

**II:  $Q > J$**

In the given question, relationship between different elements is shown in the statements. The statements are followed by two conclusions. Read the conclusions based on the given statement selects the appropriate answer.

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If neither conclusion I nor II is true
- (e) If both conclusions I and II are true

**Q5. Statements:  $F < D = W > S, X \leq A > D > L$**

**Conclusions: I.  $L < W$  II.  $A > F$**

In each of the questions, relationships between some elements are shown in the statements. These statements are followed by conclusions numbered I and II. Read the statements and give the answer.

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If both conclusions I and II follow.
- (e) If neither conclusion I nor II follows.

## Maths

**Q1. The number of vases purchased by A and B in the month of May is what percentage of vases purchased by D in July.**

**Read the data and answer the following questions.**

**The data shows number of vases purchased by four shopkeepers in four months i.e. in April, May, June and July.**

Shopkeepers	April	May	June	July
A	28	18	48	24
B	16	90	50	20
C	25	32	22	45
D	15	10	90	100

- (a) 108%
- (b) 100%
- (c) 8%
- (d) 18%
- (e) 9%

**Q2. Find the ratio of vases purchased by C in June to vases purchased A in April.**

**Read the data and answer the following questions.**

**The data shows number of vases purchased by four shopkeepers in four months i.e. in April, May, June and July.**

Shopkeepers	April	May	June	July
A	28	18	48	24
B	16	90	50	20
C	25	32	22	45
D	15	10	90	100

- (a) 11:15
- (b) 11:14
- (c) 14:11
- (d) 14:15
- (e) 15:11

**Q3. In August the total vases purchased by D is 20% more than June. Find the difference between vases purchased by A in May and vases purchased by D in August.**

**Read the data and answer the following questions.**

**The data shows number of vases purchased by four shopkeepers in four months i.e. in April, May, June and July.**

Shopkeepers	April	May	June	July
A	28	18	48	24
B	16	90	50	20
C	25	32	22	45
D	15	10	90	100

- (a) 108

- (b) 100
- (c) 90
- (d) 18
- (e) 95

**Q4. Find the total vases purchased by D in all the given months.  
Read the data and answer the following questions.**

**The data shows number of vases purchased by four shopkeepers in four months i.e. in April, May, June and July.**

Shopkeepers	April	May	June	July
A	28	18	48	24
B	16	90	50	20
C	25	32	22	45
D	15	10	90	100

- (a) 215
- (b) 200
- (c) 190
- (d) 180
- (e) 195

**Q5. If the cost of vase is Rs. 15, then find the amount paid by B to purchased vases in the month of June (in Rs).**

**Read the data and answer the following questions.**

**The data shows number of vases purchased by four shopkeepers in four months i.e. in April, May, June and July.**

Shopkeepers	April	May	June	July
A	28	18	48	24
B	16	90	50	20
C	25	32	22	45
D	15	10	90	100

- (a) 750
- (b) 300
- (c) 390
- (d) 100
- (e) 1500

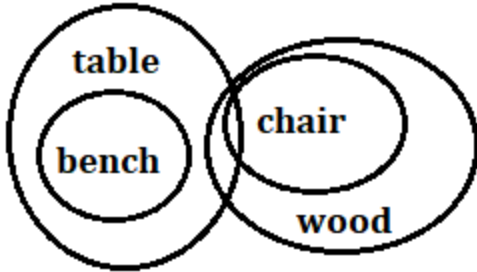
## Solutions

### English

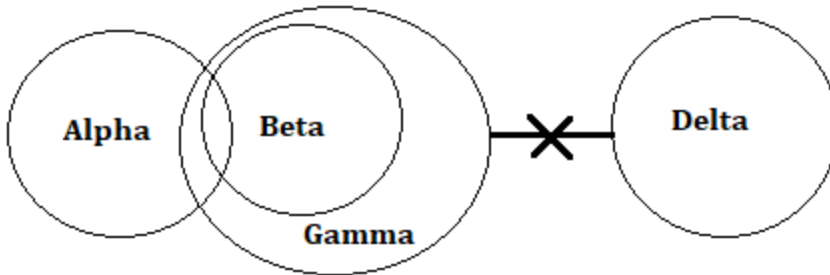
- S1. (a):** The error in the sentence is in part (A), specifically with the phrase "running in of battery power." The correct expression should be "running out of battery power" to correctly convey the idea of depleting the battery's energy. Therefore, the corrected part A should read "the fear of running out of battery power before reaching."  
Hence, the correct sentence should be: "Range anxiety, the fear of running **out** of battery power before reaching the destination, is a common concern among trucking companies."
- S2. (d):** The error in the sentence is in part (D), where "transported global" is used. The correct phrase should include an adverb to describe the manner in which goods are transported, thus it should be "transported globally." Therefore, the corrected part D should read "shaping the way goods are transported globally."  
Hence, the correct sentence should be: "The future of electric trucks holds promise, with a combination of technological advancements and environmental benefits shaping the way goods are transported **globally**."
- S3. (d):** The most appropriate word to fill in the given blank will be "**benevolent**." The sentence is expressing that the woman was known for her nature of being kind and generous. "Benevolent" is the word that best conveys this meaning, as it refers to someone who is inclined to do good or show kindness.  
The other options are incorrect:  
**(a) vicious:** deliberately cruel or violent.  
**(b) malevolent:** having or showing a wish to do evil to others.  
**(c) savage:** fierce, violent, and uncontrolled.  
**(e) inclement:** unpleasantly cold or wet weather.
- S4. (b):** The most appropriate word to fill in the given blank will be "**profound**." The sentence is expressing that the psychologist's insights into human behaviour were deep and meaningful, indicating a thorough understanding of the subject matter. "Profound" is the word that best conveys this meaning, as it suggests a deep understanding or knowledge.  
The other options are incorrect:  
**(a) Shallow** - lacking depth of intellect, emotion, or knowledge; superficial  
**(c) Specious** - superficially plausible, but actually false or misleading  
**(d) Cosmetic** - relating to the treatment of appearance, typically superficially rather than medically necessary  
**(e) Peripheral** - relating to or situated on the edge or periphery of something
- S5. (b):** The most appropriate word to fill in the given blank will be "**ingenuity**." The sentence is expressing that the entrepreneur's qualities of creativity and resourcefulness helped him build a successful business. "Ingenuity" is the word that best conveys this meaning, as it refers to the ability to come up with clever or inventive solutions to problems.  
The other options are incorrect:  
**(a) Ignorance** refers to the lack of knowledge or awareness about something.  
**(c) Crazy** refers to the state of being mentally unstable or insane.  
**(d) Inanity** refers to the state of being foolish, senseless, or lacking in good judgment.  
**(e) Absurdity** refers to something that is illogical, nonsensical, or ridiculous.

**Reasoning**

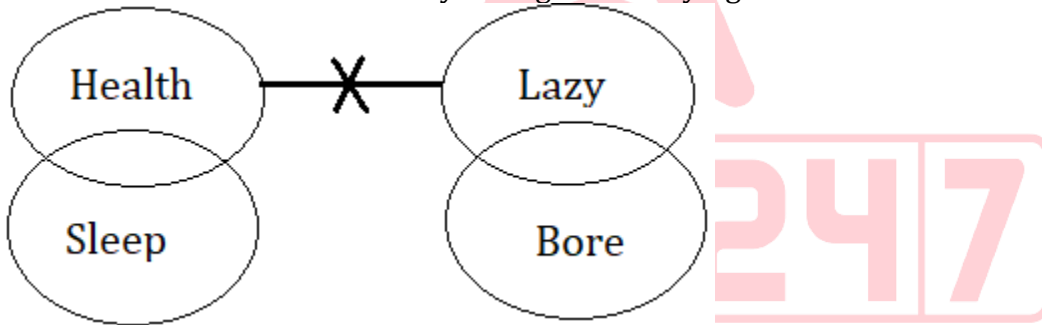
S1. (e):



S2. (e): I follow as per Venn diagram  
II follow because of possibility case.



S3. (c): Both conclusions are individually wrong but satisfying the 'either-or' condition.



S4. (d): I.  $B < O$  (False) II.  $Q > J$  (False)

S5. (d): I.  $L < W$  (True) II.  $A > F$  (True)



---

## Maths

**S1. (a):**

$$\text{Required percentage} = \frac{18+90}{100} \times 100 = 108\%$$

**S2. (b):** Required ratio = 22: 28 = 11:14

**S3. (c):** Vases purchased by D in August = 120% of 90 = 108  
Required answer = 108 - 18 = 90

**S4. (a):** Required answer = 15+10+90 + 100 =215

**S5. (a):** Required answer = 50×15=Rs. 750

