

# Answers to REL/Set-1

1. (a) Iron is crucial for DNA synthesis in hair follicles, while copper is essential for melanin production. A deficiency in Vitamin B12 can lead to pernicious anaemia, which affects melanin synthesis. Therefore, deficiency of any of these causes premature greying.
- (b) (i) in some rare cases, particularly if the greying is stress-induced and caught very early, a small percentage of people might see some colour return to their hair after significant stress reduction.
- (c) The pressure to achieve top ranks, meet office deadlines, and cope with sedentary, screen-bound lifestyles, along with poor sleep, is increasing oxidative stress in young professionals. This directly affects hair pigmentation.
- (d) (iii) Genetic predispositions
- (e) True
- (f) (iii) A video spreading communal hatred.
- (g) Thyroid imbalances, such as hypothyroidism and hyperthyroidism, can also disrupt hair growth cycles and pigmentation. One can opt for:
- (i) anti-grey topical treatments, such as those containing catalase or copper peptides.
- (ii) melanin-stimulating compounds that aim to reduce oxidative stress and support melanocyte function.
- (h) (iv) relevant
2. (a) (ii) Not more than 4.5 hours of smartphone consumption.
- (b) (iv) The assertion is false, but the reason is true.
- (c) tech-savvy
- (d) It means that the number of people suffering from CVS is also on the rise because consumers buy these devices but do not try to be aware of the fallout from excessive use of smartphones. Free data is offered by telecom companies and the consumers lap it up at the cost of their health.
- (e) (ii) locking down the phone to provide access only to essential functions like emergency calls and the camera.
- (f) The increased screen time or the impact of blue light from digital devices is already bad. The statistics of people using smartphones in low light in dark rooms are also rising and increasingly affecting mental health, raising chances of vision damage, and poor posture.
- (g) ... to avoid looking at screens of digital devices for long, as it can cause severe and disabling vision-related... .
- (h) ... it will enable us to practice mindfulness, rest our eyes, and be free of distractions.
- (i) It is highly advisable to control screen time and adopt a healthy lifestyle, even for tech-savvy people. Turn on the blue light filter to reduce strain on your eyes. Take a break from the screen every 20 to 30 minutes. Start exercising and be on the move.
3. (a) (iii) has been owning
- (b)
- | Error              | Correction    |
|--------------------|---------------|
| had been diagnosed | was diagnosed |
- (c) Rita asked Deepak if Jim had requested to drop off the question papers in the staff room.
- (d) are found
- (e) Sonam promised to bring more cohesion in the content and added that she would have the slides ready by 5 p.m. that day.
- (f)
- | Option no. | Error            | Correction      |
|------------|------------------|-----------------|
| (ii)       | was incorporated | is incorporated |

(g) (iii) are starting

(h)

Error	Correction
From	Of

(i) that it was located just past the meeting hall and that he should ask for Ms. Gordimer there.

(j) (i) may or may not

(k) (iv) didn't

(l) in which bedroom he and his friend slept. She further asked how the room looked like.

4. (A) Flat No. 4112, Block-12

Mira Apartments  
NOIDA  
Uttar Pradesh 23100X  
12 December 20XX  
The Sales Manager  
Astronomy Today  
22, Connaught Place  
Delhi – 110001

Dear Sir

**Subject:** Non-receipt of 'Astronomy Today'

I had subscribed your monthly magazine '*Astronomy Today*' vide receipt no. 3789/24 dated July 2, 20XX. Unfortunately, I have not received a single copy till date despite many reminders via phone calls.

Even the customer care executives manning the company's helpline have not been able to resolve the matter.

I would appreciate if you could sort out this problem and ensure that I get all the previous issues since July delivered at the earliest.

Yours faithfully

Vandana

Or

(B) 2, Niti Bagh

New Delhi 1100XX  
12 December 20XX  
The Editor  
The Times of India  
Connaught Place  
Delhi 110001

Dear Sir

**Subject:** Young children in criminal activities

There is a spate of crimes involving young children in criminal gangs. From committing petty thefts to kidnappings, children are lured by easy money, glamour as shown in cinema, frustration with poverty, bad company and sometimes, they are even pushed by their own parents to bring in money notwithstanding the means.

Altogether, it is a vicious cycle of greed, frustration and anger fueled by their emotions that lands these naïve children in the world of crimes.

Isn't it time, society woke up and took notice of this malaise? We need counsellors to help teenagers manage their anger better; yoga and meditation can also be beneficial to help them reign in their wayward emotions.

It is time to make everyone realise the gravity of the situation and take collective action.

Yours faithfully

Himanshi Trehan

5. (A) **Lightening the Burden of Learning**

The education ministry has decided to regulate the weight of school bags to alleviate the load on students and enable them to focus more on learning. The recent directive includes setting weight limits for both government and private institutions: Classes 1-2: 1.5 kg, Classes 3-5: 2-3 kg, Classes 6-7: 4 kg, Classes 8-9: 4.5 kg and Class 10: 5 kg. Carrying excessive weight regularly can cause poor posture, stooping, pain in shoulders, neck and back, deformed bones, accidents due to loss of balance, etc. Schools can alternate days for each subject. By segregating subjects in this manner, notebooks and books can be reduced. Technology and e-books can also be used to teach. While it's common these days to see children carrying as much as a quarter of their body weight, the American Academy of Pediatrics recommends a backpack weigh no more than 5% to 10% of a child's weight.

*Or*

(B) **Comfort or Health?**

The idea of having a deli right across the road is tempting for any neighbourhood. The availability and ease of buying both essential items and luxury goods is exciting. But we must factor in the loss of many trees that will be cut down to clear the land for construction, the constant movement of equipment and private and commercial vehicles during construction; road blocks, noise and air pollution, parking problems with the passage of time especially during cultural events and competitions and weekends, etc. Food court and fresh vegetables and fruits will also attract a dedicated crowd of shoppers every day. Therefore, the location of the mall should be reconsidered and it is recommended to keep it away from the residential areas keeping in mind the health of the citizens and the environment.

6. (A) (a) (ii) the suppression of the Blacks by the Whites.  
(b) Nelson Mandela pays a heartfelt tribute to the contributions of numerous revolutionaries who sacrificed for the liberation of their people without asking for glory. He is standing merely on their shoulders and he is 'simply the sum of all those African patriots.'  
(c) continuity of the efforts for liberation.  
(d) Nelson Mandela is overwhelmed and humbled by recalling the untold and numerous sacrifices by anonymous people for others.

*Or*

- (B) (a) (iv) the people knew nothing about otters.  
(b) The Londoners made conjectures about the real identity of an otter ranging from a squirrel to even a dinosaur and a leopard. The guesses were so wild and ill-informed that they made the author laugh. But they knew much more about the other members of the Mustelline family.  
(c) a leopard that had changed its spots  
(d) It was perfectly normal for the average Londoner to not recognise an otter but the variety of guesses as to what kind of animal this might be surprised the author.

7. (A) (a) The poet describes the unfolding of the events as an onlooker paying attention to the details such as the bouncing of the ball, sympathising with the child and wondering about him because it is his first lesson in loss and responsibility.  
(b) ... the boy's helplessness in the face of losing his favourite toy and the memories associated with it.

- (c) Through the repetition of the word 'merrily' the poet builds a contrast with the dejected feelings of the boy who can see his ball going beyond his reach.
- (d) Example (iii). The lines are written in free rhyme.

Or

- (B) (a) The mood and the tone in the given lines indicate Amanda's wish for a peaceful and blissful life. The listener is enjoying some moments of solitude as is made clear by the use of 'languid' 'sole' and 'drifting.' As a mermaid, there is no rush to do anything; she is simply drifting.
  - (b) ... she wants to be away from humans who nag and irritate her.
  - (c) The emerald sea is languid and calm, so is Amanda, alone and drifting blissfully in the sea away from all the noise and the nagging.
  - (d) (iii) 2 and 3
8. (a) It never occurred to Lencho to turn to fellow humans because he simply and firmly believed that God sees everything, even what is deep in one's conscience and helps everyone in need. So, when he directly wrote to God, he expected Him to resolve his problem and send help. He even complained later to God about not receiving 100 pesos and it seemed justified, not foolish.
- (b) The tiger in 'A Tiger in the Zoo' is in captivity, helpless and seething with suppressed anger. He can only feel nostalgic about his free days in the jungle whereas, the tiger in 'How to Tell Wild Animals' is at liberty to scare his victims, roar, attack, and be in his natural element. He is free and the king of the forest and the one in a cage is at the mercy of humans.
- (c) The young seagull didn't dare to jump off the cliff or take the plunge and fly down to his family despite repeated efforts and appeals made by them. Metaphorically speaking, the seagull refused to risk the flight because he underestimated himself, his instinct, and the power of his wings. It's only when his mother dropped a piece of fish in midair that he instinctively leapt into the air and opened his wings.
- (d) Buddha's sermon does not undermine Kisa Gotami's love for her son but the attachment. He says that one must learn to detach oneself from both desire and suffering, life and death, love and loss in life. We should remain calm and composed in the face of personal tragedy because death is inevitable. When one accepts this truth, one is liberated.
- (e) Although the poet believes that either the world will end in fire or ice, circumstances have come to such a pass that the damage to the environment can end the world too. Reckless actions of human beings have pushed civilization to the brink of death and disrupted the balance on the earth. We are shamelessly responsible for all three - the wars, the hatred, and the damage to the environment.
9. (a) Ausable and Fowler had found Max holding an automatic gun in the hotel room that been hired by Ausable. Max was the 'Midnight Visitor' who was out to snick the report on missiles. Fowler jumped at the sudden knocking at the door expecting more danger. He probably anticipated the arrival of Max's accomplices who were there to give him cover. Ausable just smiled and said that it must be the police. He had arranged for them to protect the document. Max, black with anger, bit his lip nervously and presumed it to be the police. It meant that he would not only lose the document but also land behind bars.
- (b) There can't be any doubt that Griffin was a brilliant scientist who with his in-depth knowledge of science discovered how to turn the human body invisible. But he misused the discovery. He utilised it to wreak vengeance on those he knew and also strangers. He indulged in petty thefts, and burglaries and beat innocent people. He made illegal and unlawful entries into stores and shops only to feed and dress without paying anything. All these illegal activities made him a lawless person and an anarchist. Though he can be termed a brilliant scientist, he was not a noble one.

(c) Initially, Think-Tank considered Earth '*a ridiculous little planet*' and intended to put it under his generous rulership. He felt the earth was an unimportant place where ugly earthlings, with their tiny heads, resided. He believed the Martians to be a superior race and mockingly called the Earth a '*primitive ball of mud*'. But after cracking the so-called code of an old nursery rhyme book, his views changed drastically. He concluded that the Earthlings had reached a high level of civilisation and were planning to invade Mars. It made him call off his mission.

10. (A) **Oak:** My poet, Adrienne Rich has a different approach to life and the changes going on around her when compared with Frost.

**Hemlock:** You are right. Frost was disappointed and deeply saddened at something so he decided to go for a walk to clear his mind.

**Oak:** Adrienne chose to sit inside with doors open to the veranda writing long letters. She observed the occurrences from a distance.

**Hemlock:** Interesting! For Frost, a disconnected occurrence brought about a change in his mood. A crow shook off the snowflakes off his body and this set Robert thinking.

**Oak:** Sometimes the smallest of things trigger big changes. Robert could see the brightness amidst the gloom.

**Hemlock:** Crow, I and snow all are dark images, yet Robert could look at the colour of happiness.

**Oak:** Well said! That is a man with a positive attitude. Adrienne internalises her feelings. That is another approach to deal with changes beyond one's control.

**Hemlock:** That is so because she knows that social change cannot be brought about by one person. It is a collective effort.

**Oak:** Rightly observed. Adrienne could hear the whispers, see the trees stumbling out, the glass breaking and the wind rushing to meet them. She gave them moral support.

**Hemlock:** Support and hope can come from anywhere, outside or inside. One needs to be receptive.

**Oak:** We are lucky to be part of these processes. We are the silent observers.

**Hemlock:** You bet!

*Or*

(B) Anne laments that young men give importance to her physical attractiveness rather than her inner beauty. Her honey-coloured hair distracts young men from caring about Anne's personality and qualities of the heart. They love the perfect image of beauty created by them and not the real persona of a human being with all its imperfections. Anne wants to be loved for herself and is ready to change the colour of her hair. She wants to be loved, valued and appreciated for what she is.

In '*The Proposal*' all the main characters are distracted by the ownership of land that had been co-owned and used by them like good neighbours. They forget that Lomov and Natalya wish to get married and Chubukov is desperate to bless this union. They miss the forest for the trees and the wedding almost gets cancelled.

11. (A) '*The Thief's Story*' is replete with indistinct, dismal and dark humour. For example, in order to flatter Anil, Hari Singh calls him a wrestler. The situation becomes a bit more humorous because Anil is a lean and thin fellow but modestly says, '*I do wrestle a bit.*' There is gloomy humour in Hari's statement that robbing a trusting man like Anil '*takes all the pleasure out of the work*'. Hari Singh is happy to make some money by fooling Anil every day, but he decides to make it big: '*Well, it's time I did some real work, I told myself; I'm out of practice.*' The reference to stealing as real work is funny. Another instance of humour is the deceiving smile of Hari Singh that he used as a weapon to strike down his victims. When he snicks 600 rupees from Anil, he is confident of living '*like an oil-rich Arab for a week or two.*' Ruskin Bond has dealt with his characters with kind and dark humour.

*Or*

(B) Matilda borrowed the diamond necklace from her friend, Madame Forestier to wear at a ball and promptly lost it. Instead of coming clean, Matilda decided to replace it. Mr. Loisel raised a loan of eighteen thousand francs to purchase a similar-looking diamond necklace. It took ten years of sheer slavery to pay off their debt. They became shadows of themselves. So, on meeting Madame Forestier, Matilda could not contain her frustration and anger and threw the blame at her friend's door.

It wasn't justified because Matilda wanted to show-off at the ball, live beyond her means, didn't confess the loss of the necklace and conveniently blamed her friend. The necklace turned out to be fake. It is hard to imagine how this unexpected and ironic turn of events must have frustrated the Loisels further. Blame-shifting shows cowardice and an escapist attitude. Accepting one's mistakes requires courage and character.