APPENDIX A

The emotional keywords extracted from WordNetAffect are as follows:

<table>
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<th>HAPPINESS</th>
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<tbody>
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<td>n#05574157 weakness</td>
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<td>n#05597153 titillation</td>
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<td>n#05574913 friendliness</td>
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fondness fancy partiality favor favour
exultation jubilance jubilancy jubilation exuberance exhilaration excitement euphoria exuberance
enthusiasm empathy elation high_spirits eagerness avidity avidness keenness devotion devotedness contentment concern complacency complacence self-complacency self-satisfaction compatibility rapport comfortableness closeness intimacy cheerfulness blitheness carefreeness insouciance lightheartedness lightsomeness buoyancy perkiness brotherhood bonheur benevolence beneficence belonging bang charge rush flush thrill kick attachment fond_regard ardor ardour ardour elan zeal approval amorousness enamoredness amicability amicableness affectionationateness fondness tenderness heart warmheartedness admiration esteem admirable amatory amorous romantic
amative amorous
approving approbative approbatory
approved
beneficent
beneficed
benefic
benevolent good
brotherly brotherlike fraternal
beguiled captivated charmed delighted entranced
enthralled
bewitching captivating enchanting enthralled fascinating
carefree unworried
cheerful
close
comfortable
compatible sympathetic
complacent self-satisfied
tested content
content happy
devoted
avid great eager zealous
ealted gleeful joyful jubilant
elated
eating exhilarating
empathic empathetic
exciting
enthusiastic
euphoriant
euphoric happy
gladdened exhilarated
eating exhilarating
exhilarating stimulating
exubrant high-spirited exulting jubilant prudeful rejoicing triumphal triumphant
favorable favourable
affectionate caring fond lovesome tender warm
friendly
gala gay festal festive merry
gay jocund jolly jovial merry mirthful
cheery gay sunny
gladsome
a#00352106 beaming glad
a#00352106 beaming glad
a#00863471 euphoric happy
a#01308490 happy pleased
a#01099314 happy
a#01215015 hilarious screaming uproarious
a#01215015 hilarious screaming uproarious
a#01314288 gay jocund jolly jovial merry mirthful
gay jocund jolly jovial merry mirthful
a#01100759 joyful joyous
elated gleeful joyful jubilant
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likable likeable
loving
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a#02001946 satisfactory
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a#01111155 softhearted soft-boiled
a#01319150 charitable kindly sympathetic
a#02263541 sympathetic
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titillated
a#00872975 teased titillated
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v#01247189 admire look_up_to
v#01206630 affect impress move strike
v#00454501 approve
capture enamour trance catch becharm enamor captivate beguile charm fascinate bewitch entrance enchant
cheer inspire urge barrack urge_on exhort pep_up
cheer
v#01240173 cheer hearten recreate embolden
v#00582840 cheer cheer_up chirk_up
v#00582994 cheer cheer_up jolly_along jolly_up
v#01238399 comfort soothe console solace
v#01827420 concern interest occupy worry
v#00812241 content
v#01239476 content
v#01236227 elate lift_up uplift pick_up intoxicate
v#01236227 elate lift_up uplift pick_up intoxicate
v#01236581 exhilarate thrill exalt
v#00582048 exult rejoice triumph jubilate
v#01237518 exult walk_on_air be_on_cloud_nine jump_for_joy
v#00467945 favor favour
v#01822979 satisfy fulfill fulfil live_up_to
v#01237013 gladden
v#01237403 gladden joy
v#00467782 identify
v#000580082 kid chaff jolly banter
v#01237403 gladden joy
v#01237680 rejoice joy
v#01213391 like
v#01213205 like
v#01212004 love
v#01247684 love enjoy
v#01211759 love
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v#01244174 revel wallow rejoice triumph
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v#01239189 satisfy gratify
v#01239069 tickle titillate
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r#00227177 cheerfully
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r#00150972 comfortably
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r#00197382 eagerly thirstily
r#00319405 ebulliently exuberantly expansively
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with_empathy
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r#00185177 enthusiastically
exuberantly riotously
exultantly exultingly
favorably favourably
gloatingly
happily merrily mirthfully gayly blithely jubilantly
with_happiness
hilariously uproariously
hilariously uproariously
gleefully joyously joyfully
gleefully joyously joyfully
fondly lovingly
adorably endearingly
proudly with_pride
protectively giving_protection offering_protection
gratifyingly satisfyingly
satisfactorily
sympathetically empathetically with_sympathy
with_empathy
triumphantly
world-weariness Weltschmerz
woe woefulness
weight
weepiness tearfulness
sorrow regret ruefulness
sorrow
self-pity
sadness unhappiness
repentance penitence penance
plaintiveness
oppression oppressiveness
mournfulness sorrowfulness ruthfulness
misery
melancholy
joylessness
helplessness
heavyheartedness
guilt guilty_conscience guilt_feelings guilt_trip
grief heartache heartbreak brokenheartedness
gloom gloominess somberness
<p>| n#05601181 | forlornness loneliness desolation |
| n#05604748 | dysphoria |
| n#05603470 | downheartedness low-spiritedness dispiritedness |
| n#05602190 | dolor dolour |
| n#05600250 | dolefulness |
| n#05603932 | despondency despondence heartsickness disconsolateness |
| n#05603287 | depression |
| n#05603599 | demoralization |
| n#05602526 | compunction remorse self-reproach |
| n#05602960 | cheerlessness uncheerfulness |
| n#05604103 | blue_devils |
| n#05601647 | attrition contrition contriteness |
| a#01572491 | contrite |
| a#01681118 | contrite remorseful rueful sorry |
| a#00353542 | cheerless uncheerful |
| a#00353542 | cheerless uncheerful |
| a#00826026 | demoralizing demoralising disheartening dispiriting |
| a#01605795 | demoralized discouraged disheartened |
| a#00669611 | blue depressed dispirited down downcast downhearted low low-spirited |
| a#01309194 | depressing depressive gloomy saddening |
| a#01179135 | despondent heartsick |
| a#01309360 | doleful mournful |
| a#01309360 | doleful mournful |
| a#00669611 | blue depressed dispirited down downcast downhearted low low-spirited |
| a#00863871 | dysphoric distressed unhappy |
| a#01179297 | forlorn |
| a#00997111 | desolate forlorn godforsaken lorn |
| a#00353838 | blue dark depressing disconsolate dismal dispiriting gloomy grim |
| a#00669950 | glum gloomy long-faced |
| a#01309194 | depressing depressive gloomy saddening |
| a#00354187 | dingy dismal drab drear dreary gloomy sorry |
| a#01179526 | gloomy grim |
| a#00271194 | glooming gloomy gloomful |
| a#01312366 | grievous heartbreaking heartrending |
| a#01312366 | grievous heartbreaking heartrending |
| a#01311729 | bereaved bereft grief-stricken grieving mourning sorrowing |
| a#00157147 | guilty hangdog shamefaced shamed |
| a#01309535 | heavyhearted |
| a#01314685 | joyless |
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dolefully sorrowfully
forlornly
gloomily
grievously
grievously
joylessly
joylessly
miserably
miserably
mournfully
mournfully
oppressively
plaintively
penitently penitentially repentantly
delebably lamentably sadly woefully
sadly
dolefully sorrowfully
sorrowfully
dolefully sorrowfully
sorrowfully
delebably lamentably sadly woefully
delebably lamentably sadly woefully

ANGER

wrath
umbrage offense
pique temper irritation
lividity
irascibility short_temper spleen quick_temper
infuriation enrage
indignation outrage
huffiness
harassment torment
fury rage madness
frustration
fit tantrum scene
dudgeon high_dudgeon
displeasure
dander hackles
bad_temper ill_temper
annoyance chafe vexation
anger choler ire
aggravation exasperation
a#00117684 aggravated provoked
a#00117308 angry
a#00117872 angered enraged furious infuriated maddened
a#00092842 annoying bothersome galling irritating nettlesome pesky pester ing pestiferous plaguy plaguey teasing vexatious vexing
a#02336957 annoyed harassed harried pestered vexed
a#01734180 annoyed irritated nettled peev ed pissed riled roiled stung
a#01737080 displeasing
a#01733963 displeased
a#00826169 frustrating
a#00659470 baffled balked discouraged frustrated
a#01737503 exasperating infuriating maddening vexing
a#00117872 angered furious infuriated maddened
a#00118531 huffy mad sore
a#00118752 indignant incensed outraged umbrageous
a#01737503 exasperating infuriating maddening vexing
a#00117872 angered furious infuriated maddened
a#00118303 choleric irascible
a#00119146 livid
a#00118752 indignant incensed outraged umbrageous
a#00119459 wrathful wroth wrothful
v#01242326 exacerbate exasperate aggravate
v#01220411 anger see_red
v#01219920 anger
v#01221002 annoy rag get_to bother get_at irritate rile nark nettle gravel vex devil
v#01239708 displease
v#01229968 torment rag tantalize bedevil crucify dun frustrate
v#01220279 outrage enfuri ate infuriate exasperate incense
v#01762305 persecute oppress harass
v#01220279 outrage enfuri ate infuriate exasperate incense
v#01221816 pique offend
r#00223640 angrily
r#00312722 displeasingly
r#00220692 furiously
r#00353628 huffily
r#00367200 indignantly
r#00220692 furiously
r#00387194 lividly
r#00493548 wrathfully
n#05611809 warpath
n#05613522 vindictiveness vengefulness
n#05612278 sulkiness huffishness
n#05611927 resentment bitterness gall rancor rancour
n#05610694 murderousness
misopedia
misoneism
misology
misogynism
misogamy
misocainea
misanthropy
malice maliciousness spite spitefulness venom
malevolence malignity
maleficence
jealousy green-eyed_monster
hostility enmity ill_will
heartburning
hate hatred
grudge score grievance
envy enviousness the_green-eyed_monster
despising
covetousness
class_feeling
belligerence belligerency
animosity animus bad_blood
aggression aggressiveness
abhorrence abomination detestation execration loathing
avaricious covetous grasping greedy prehensile
covetous envious jealous
envious
enviable
covetous envious jealous
begrudging envious grudging
hateful
hostile
jealous green-eyed overjealous
covetous envious jealous
malefic malevolent malign evil
malevolent malicious
malevolent malicious
misanthropic misanthropical
misogynic
resentful
huffish sulky
despiteful spiteful vindictive
abhor loathe abominate execrate
covet
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**FEAR**

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v#01214618 frighten fright scare affright
r#00182087 anxiously uneasily apprehensively
cruely
diffidently
fearfully
fearfully
heartlessly
hesitantly hesitatingly
horrifyingly
dreadfully awfully horribly
hideously horridly monstrously
hysterically
frighteningly scarily
shyly timidly bashfully
timorously trepidly
unassertively

SURPRISE

n#05582577 wonder wonderment admiration
n#05582875 surprise
n#05583004 stupefaction
n#05582729 awe
n#05582358 astonishment amazement
a#01230203 astonishing astounding staggering stupefying
a#02248624 amazing astonishing
a#02246844 amazed astonied astonished astounded stunned
a#01943022 awed awestruck awestricken in_awe_of
a#01940914 awed awful
a#01230203 astonishing astounding staggering stupefying
a#00195880 stupefying
a#00405649 dazed stunned stupefied stupid
a#02247311 dumbfounded dumbfounded flabbergasted stupefied
thunderstruck
a#02248299 surprising
a#02246531 surprised
a#01617066 fantastic howling marvelous rattling terrific tremendous
wonderful wondrous
v#00491471 amaze astonish astound
v#01214954 awe
v#00183525 stun stupefy stupify
v#00421500 perplex get puzzle mystify baffle beat bewilder flummox
stupefy stupify nonplus gravel amaze dumbfounded trounce
v#01447978 besot stupefy stupify
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<td>adverb</td>
<td>wonderfully wondrous wondrously superbly toppling marvelously terrifiedly marvelously</td>
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</table>
APPENDIX B

Examples of events taken from the thesaurus, used for processing and analysis:

**Happiness**

Their stunning triumph on the field won them the title of regional champs.

The readers will close the covers of this mystery novel with complete satisfaction.

The school children sang their school song with gusto on the last day of their school before the vacation.

The evident glee with which the tabloids report on the misfortunes of celebrities is alarming.

As charming as your mutual mirth is, could you refrain from nudging each other and giggling during class.

His lack of zest for life was obvious from the way he spoke and behaved.

The farmers loved the gaiety of the annual harvest festival.

The wedding reception merriment lasted long into the nite.

The nominees jubilant acceptance speech before the cheering crowd was well received.

**Despair**

The flood brought misery and woe to the many hundreds whom it had rendered homeless.

There seemed to be no end to the grief that the school bullies were giving to the young boy.

The gloom of a rainy night is the perfect setting for a mystery story.

He felt great sorrow at the loss of his beloved dog.
With the forlornness of someone who had been disappointed many imes before, he abandoned his quest.

During the 1930’s, the U.S. suffered a great depression.

She was remorseful about all the trouble she had caused to the family.

The people of the state were disheartened by the news that their leader was no more.

Their childhood is a tale of misery and woe.

**ANGER**

They have an unlisted number in the hope that it will reduce the constant annoyance by telemarketers.

The evangelist warned the gathering that unrepentant sinners would suffer the wrath of God.

Boiling with rage at the bank tellers insult, he demanded to see the manager.

These daily traffic jams are frustrating.

The judge was outraged to discover that several jurors had disregarded her orders not to speak to the members of the press.

Incensed residents demanded that the police apprehend the punks who vandalized the cemetery.

A furious hurricane virtually destroyed the seaside town.

Rioters went on a furious rampage doing over $2,000,000 in damage.

It was an overheated rhetoric that only aggravated the racial tension in the city.

**DISGUST**

Your snobbish behavior towards my friends is so repellant that I cant stand to be around you anymore.
A repulsive display of shameless flattery that made the embarrassed actor wrinkle his nose in disgust.

There was graffiti on the walls that featured absolutely repugnant racial slurs.

The hateful graffiti would nauseate anyone with an ounce of human decency.

We turned way from the grisly scene with disgust.

The movie had a sickening display of negative emotions.

We traced the foul smell to a pile of loathsome garbage by the backwall.

The table manners of the guest at the party were abominable.

**FEAR**

People in our neighborhood think that the orange and green office building is a hideous fright.

The sudden sight of the grizzly bear filled the hiker with panic.

Yesterday we went to fascinating but creepy stage show by an offbeat magician.

The stable had a scary horse which spooked or kicked at its own shadow.

Huddled in the basement we shuddered with fear as we heard the approaching tornado.

The fearful wind and the cold simply made being outside a miserable experience.

He sat frozen in his seat, horrified that the plane would crash.

Melissa is afraid of flying so she takes a train from Boston to visit her brother in Chicago.
The dreadful news of a crime wave in the neighborhood made the people very cautious.

**SURPRISE**

When we first saw the pyramids of Egypt, we gazed with openmouthed wonder.

The children were in awe of the sinewy Olympic runners.

The suddenness of the thunderstorm left the picnickers in a state of astonishment.

The amazing feats of the circus acrobats simply enthralled the audience.

The dazed goalie could only watch as the winning point went flying past him.

Realizing that they had been left out of the will, the billionaires relatives just sat there, stunned.

She responded to the news of his arrival with a flabbergasted gasp.

Grandparents were astonished at how much their grandchildren had grown in the past year.

He was stupefied by the ruling that he could not complete because he missed the qualifying age by two days.

The bold question perplexed the interviewer.
ANNOTATOR - FEEDBACK

Please select the appropriate EMOTION, its INTENSITY and POLARITY for each of the following events:

1. The students were rejoicing after defeating the faculty in the cricket match.

   No.of Emotions : Neutral, Single, Multiple.

   **Emotion 1:**
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

   Intensity : Low, Medium, High.

   Polarity : Positive, Negative.

   **Emotion 2:**
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

   Intensity : Low, Medium, High.

   Polarity : Positive, Negative.

2. The sight of the surgery was quite repulsive for the new intern.

   No.of Emotions : Neutral, Single, Multiple.

   **Emotion 1:**
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

   Intensity : Low, Medium, High.

   Polarity : Positive, Negative.

   **Emotion 2:**
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

   Intensity : Low, Medium, High.

   Polarity : Positive, Negative.
3. The child was so very surprised to see her father that she stood dumbfounded.

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

4. A dedicated nurse never expresses disgust, irrespective of the situation.

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

5. As part of its continuing effort to strengthen the bond with people in the Valley, Army has published a coffee-table book on shrines of Kashmir.

No.of Emotions : Neutral, Single, Multiple.
**Emotion 1**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

6. **The Cabinet members were totally exhilarated with the triumph of their leader in the election.**

No. of Emotions: Neutral, Single, Multiple.

**Emotion 1**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

7. **There was no trace of repulsion on the face of the doctor at the site of the burnt body of the patient.**

No. of Emotions: Neutral, Single, Multiple.

**Emotion 1**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.
8. **Ramesh told his colleagues not to be surprised if he didn’t come to office after the weekend.**

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

9. **The animals were so very panic-stricken that they ran helter-skelter in the forest fire.**

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.
10. The speaker was not intimated by the question but afraid to answer it.

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

11. The player was not very dispirited by his failure.

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

12. The student was outraged by the teachers comment and sported a contrite expression on her face.

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**13. The mill owner was angered to see the lazy approach of his workers.**

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1 :**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**14. The family members were not very scared of the impending scenario but grew sick of it.**

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1 :**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

15. The fact that she is euphoric is not true.

No.of Emotions : Neutral, Single, Multiple.  
Emotion 1:  
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.  
Intensity : Low, Medium, High.  
Polarity : Positive, Negative.  
Emotion 2:  
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.  
Intensity : Low, Medium, High.  
Polarity : Positive, Negative.

16. The doctor did not get demoralized and went ahead with a content and cheery attitude.

No.of Emotions : Neutral, Single, Multiple.  
Emotion 1:  
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.  
Intensity : Low, Medium, High.  
Polarity : Positive, Negative.  
Emotion 2:  
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.  
Intensity : Low, Medium, High.  
Polarity : Positive, Negative.
17. In his New Year address to the nation, Dr. Singh acknowledged that the concern over corruption had moved to the “centre stage” and pledged to personally work to provide an “honest and more efficient government.”

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

18. She was not pleased with her performance in the interview.

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

19. He became depressed after the stock market hit an all time low.

No.of Emotions : Neutral, Single, Multiple.
**Emotion 1**:
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2**:
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

20. The speaker was not happy to see the large number of empty seats in the auditorium.

No.of Emotions: Neutral, Single, Multiple.

**Emotion 1**:
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2**:
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

21. The nurse had to face the doctors ire after giving the wrong medicine to the patient.

No.of Emotions: Neutral, Single, Multiple.

**Emotion 1**:
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.
**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

22. The doctor raised his hands in despair after looking at the patients report.

No. of Emotions: Neutral, Single, Multiple.
**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

23. The Principal was quite furious with the students for their misbehavior.

No. of Emotions: Neutral, Single, Multiple.
**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.
Polarity  : Positive, Negative.

24. There was no trace of sadness on the faces of the relatives after the demise of Mr. Sharma.

No. of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity  : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity  : Positive, Negative.

25. She did not let her temper levels rise in the meeting.

No. of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity  : Positive, Negative.

**Emotion 2**:
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity  : Positive, Negative.

26. Although he lost the competition, there was no sign of despair on his face.

No. of Emotions : Neutral, Single, Multiple.

**Emotion 1**:
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**27. The owner was perplexed at the display of affection by his pet dog.**

No.of Emotions: Neutral, Single, Multiple.

**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**28. People in the city got very scared after listening to the weather forecast.**

No.of Emotions: Neutral, Single, Multiple.

**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.
Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**29. Akhil was astonished to know that his business partner had cheated on him.**

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1 :**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**30. On reaching the top of the tower, he stood frozen by his fear of heights.**

No.of Emotions : Neutral, Single, Multiple.

**Emotion 1 :**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.
31. **Though the students were repeatedly disturbing the class, the teacher was not annoyed.**

No. of Emotions: Neutral, Single, Multiple.

**Emotion 1:**
- Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.
- Intensity: Low, Medium, High.
- Polarity: Positive, Negative.

**Emotion 2:**
- Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.
- Intensity: Low, Medium, High.
- Polarity: Positive, Negative.

32. **The AP State Road Transport Corporation is introducing 'Metro Express' buses to the Airport from Dwaraka Bus Station (RTC Complex)**

No. of Emotions: Neutral, Single, Multiple.

**Emotion 1:**
- Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.
- Intensity: Low, Medium, High.
- Polarity: Positive, Negative.

**Emotion 2:**
- Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.
- Intensity: Low, Medium, High.
- Polarity: Positive, Negative.

33. **The children swam the dark waters without any fear.**

No. of Emotions: Neutral, Single, Multiple.
**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

34. **The people of the village were in a festive mood and danced in jubilation.**

No. of Emotions: Neutral, Single, Multiple.

**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

35. **A sense of disgust prevailed among the workers on seeing the indifferent attitude of the mill owners.**

No. of Emotions: Neutral, Single, Multiple.

**Emotion 1:**
Emotion: Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity: Low, Medium, High.

Polarity: Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

36. There was something about the doleful animal standing at the death door that attracted her eye.
   No.of Emotions : Neutral, Single, Multiple.
   **Emotion 1**:
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.
   Intensity : Low, Medium, High.
   Polarity : Positive, Negative.
   **Emotion 2**:
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.
   Intensity : Low, Medium, High.
   Polarity : Positive, Negative.

37. The results were in the normal range and did not lead to any surprise element.
   No.of Emotions : Neutral, Single, Multiple.
   **Emotion 1**:
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.
   Intensity : Low, Medium, High.
   Polarity : Positive, Negative.
   **Emotion 2**:
   Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.
   Intensity : Low, Medium, High.
   Polarity : Positive, Negative.
38. After a visit to the local prison, the minister was disgusted to see the unhygienic conditions there.
No.of Emotions : Neutral, Single, Multiple.

**Emotion 1:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

39. The fire fighter was not afraid to enter the burning house which could collapse anytime.
No.of Emotions : Neutral, Single, Multiple.

**Emotion 1:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.

**Emotion 2:**
Emotion : Happiness, Despair, Anger, Fear, Surprise, Disgust.

Intensity : Low, Medium, High.

Polarity : Positive, Negative.
APPENDIX C

A sample of sentences for each emotion, extracted from ISEAR (International Survey on Emotion Antecedents and Reactions), used for the comparative study are as given below:

<table>
<thead>
<tr>
<th>Emotion</th>
<th>Sample Sentence</th>
</tr>
</thead>
<tbody>
<tr>
<td>anger</td>
<td>Sometime ago I felt very angry when my mother wrote me telling me that my elder sister was messing up things at home by her internalised aggressive attitude towards parents and her husband.</td>
</tr>
<tr>
<td>anger</td>
<td>I felt anger against a person who told bad things about me in my absence.</td>
</tr>
<tr>
<td>anger</td>
<td>I felt angry when repeated pleas to the ticket collector and the co-passengers in order to make a queue fell on deaf ears. I have this feeling whenever someone is not disciplined and methodic in doing his duty.</td>
</tr>
<tr>
<td>anger</td>
<td>One day in a crossroad somebody crashed my car. I got out and this person laughed at me. I felt such a great anger that I got in my car and went away.</td>
</tr>
<tr>
<td>anger</td>
<td>He was indignant at the partiality shown by the referees at the football match between Bulgaria and France.</td>
</tr>
<tr>
<td>anger</td>
<td>A friend got angry and drove &quot;like a lunatic&quot; with me and others in his car. I was angry about his dangerous driving.</td>
</tr>
<tr>
<td>disgust</td>
<td>When a beggar approached me for money, I felt disgusted.</td>
</tr>
<tr>
<td>disgust</td>
<td>I am disgusted by people who spoil their identity because of misbehavior. This morning when I was in a crowded bus, I found a seat on which a university student was sitting on one side and he had put his bag and files next to him without allowing anybody to sit in the seat.</td>
</tr>
<tr>
<td>disgust</td>
<td>I felt disgust as a result of one of my midterms - I thought I had prepared well for it, but the end result wasn't what I had expected.</td>
</tr>
<tr>
<td>disgust</td>
<td>I was disgusted from a quarrel between two married people, in which the children were involved as accusers of one of the parents.</td>
</tr>
<tr>
<td>disgust</td>
<td>I feel disgust at my neighbor, because she comes to our house with her child, who spoils our furniture.</td>
</tr>
<tr>
<td>disgust</td>
<td>I was supposed to be studying for my math midterm a few days ago, however, I fooled around with my roommate, and didn't start studying until 12:00 am. I was disgusted with myself.</td>
</tr>
<tr>
<td>fear</td>
<td>I watched a very terrifying film in LT2. This film really pushed my heart out of my body and I was forced to go out before the second reel ended.</td>
</tr>
<tr>
<td>fear</td>
<td>Her episode of fright happened when she came to study. She had to stand in front of her still unknown fellow students and talk about herself. Her hands shook, She flushed and became tongue-tied.</td>
</tr>
<tr>
<td>fear</td>
<td>A teacher wanted to instill a certain opinion and a certain behaviour into myself, what I refused. I was afraid when I saw him.</td>
</tr>
<tr>
<td>fear</td>
<td>When I was in Sierra Nevada, climbing a peak over 3,000 meters high, without any light and with many other problems. I was afraid for my life.</td>
</tr>
<tr>
<td>fear</td>
<td>I felt fear of the purest kind after a car accident. The incident and images of horror kept coming back to my mind.</td>
</tr>
<tr>
<td>fear</td>
<td>Fear of punishment for having broken an item of value to his Parents drove him to lying.</td>
</tr>
<tr>
<td>Happiness</td>
<td>When I was in Form 4, at Secondary School, I was elected as a school Library Assistant and also the leader of Catholic students, so I felt very joyous.</td>
</tr>
<tr>
<td>Happiness</td>
<td>Receiving notification that I had made a successful application to the Speech Therapy course at Univ., gave me a very good feeling of achievement and happiness.</td>
</tr>
<tr>
<td>Happiness</td>
<td>My joy knew no bounds when I was selected for a job even before having finished my studies.</td>
</tr>
<tr>
<td>Happiness</td>
<td>Coming to this lecture and listen to you talking about feelings, I am so happy that foreigners have the same feelings as Chinese.</td>
</tr>
<tr>
<td>Happiness</td>
<td>A friend of mine travelled very far. I miss her but feel joy too because her life is taking the right direction as she wants. So I feel joy for her mainly.</td>
</tr>
<tr>
<td>Happiness</td>
<td>A meeting with the family and friends made her feel dear and loved, sharing the gladness of being together at a birthday.</td>
</tr>
<tr>
<td>Despair</td>
<td>A close acquaintance of the family died of lung cancer. Although it was expected, I still felt depressed</td>
</tr>
<tr>
<td>---------</td>
<td>---------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Despair</td>
<td>After having left the company of someone who gave me a lot of support and made me laugh, I found myself alone and sad for days on end.</td>
</tr>
<tr>
<td>Despair</td>
<td>Watching an old lady running up the street to catch her bus and miss it, was quite saddening.</td>
</tr>
<tr>
<td>Despair</td>
<td>I was in a hopeless situation in a dirty place. No study, no work, only loneliness.</td>
</tr>
<tr>
<td>Despair</td>
<td>The disease and subsequent death of a close acquaintance filled him with despair and was accompanied with feelings of powerlessness.</td>
</tr>
<tr>
<td>Despair</td>
<td>I was very sad when I had to leave persons with whom I had a very intense relationship, I also had to leave the environment which was part of this.</td>
</tr>
</tbody>
</table>
List of Publications

Journals:


   Digital Library URL:
   
   http://www.ijcaonline.org/archives/number13/278-438


Conferences:
