

1. Match the correct Suffix with the root words :

- | | |
|-------------|-----------|
| (a) colour | 1. - al |
| (b) hero | 2. - ful |
| (c) impress | 3. - able |
| (d) credit | 4. - ic |
| (e) nation | 5. - ive |

- | | (a) | (b) | (c) | (d) | (e) |
|---|-----|-----|-----|-----|-----|
| <input checked="" type="checkbox"/> (A) | 2 | 4 | 5 | 3 | 1 |
| (B) | 1 | 3 | 2 | 5 | 4 |
| (C) | 3 | 1 | 2 | 4 | 5 |
| (D) | 5 | 4 | 3 | 1 | 2 |

2. Fill in the blanks with suitable prepositions given below :

- (a) There is a pencil _____ the box.
(b) The cat was sitting _____ the table.
(c) The girl is standing _____ the two pillars.
(d) She placed the dishes _____ the table.

Options :

1. between
2. in
3. on
4. under

- | | (a) | (b) | (c) | (d) |
|---|-----|-----|-----|-----|
| <input checked="" type="checkbox"/> (A) | 2 | 4 | 1 | 3 |
| (B) | 1 | 2 | 4 | 3 |
| (C) | 3 | 1 | 2 | 4 |
| (D) | 4 | 2 | 1 | 3 |

3. Form a compound word using Noun + Verb

- (A) passport
(B) downfall
(C) eve teasing
 (D) bus stand

4. Find out the verb from the following

(A) proud

(B) clean

(C) wiser

(D) elect

5. Select the correct Tense :

I _____ (leave) for Mumbai tomorrow evening.

(A) shall be leaving

(B) leave

(C) would be leaving

(D) am leaving

6. Match the British English Words in Column A with the American English Words in Column B

Column A – BE

Column B – AE

(a) Fellow

1. Pitcher

(b) Interval

2. Guy

(c) Jug

3. Intermission

(d) Shop assistant

4. Trunk

(e) Boot

5. Sales clerk

(a) (b) (c) (d) (e)

(A) 2 3 4 1 5

(B) 2 3 1 5 4

(C) 1 3 2 5 4

(D) 4 5 2 3 1

7. Choose the sentence which has no error

- (A) I bought a blue colour shirt and tie
- (B) I bought a blue shirt and a tie
- (C) I bought a blue coloured shirt and a tie
- (D) I bought a blue colour shirt with a tie

8. Find out the odd words

- (A) telling
- (B) diving
- (C) beauty
- (D) swimming

9. Choose the correct sentence from the given options

- (A) Rani made an universal appeal
- (B) Rani made the universal appeal
- (C) Rani made a universal appeal
- (D) Rani made universal appeal

10. Choose the correct (word) synonym for the underlined word from the option given :

Where did this grit come from?

- (A) great
- (B) apparent
- (C) determination
- (D) obvious

11. Match the following words in Column A with their meanings in Column B and select the correct answer from the codes given :

Column A		Column B	
(a)	alms	1.	untidy
(b)	popular	2.	splendid
(c)	ragged	3.	offerings
(d)	amazing	4.	well known

	(a)	(b)	(c)	(d)
(A)	1	2	4	3
(B)	3	4	2	1
<input checked="" type="checkbox"/> (C)	3	4	1	2
(D)	2	1	3	4

12. Match the Name of the author with the short stories :

(a)	O'Henry	1.	The Selfish Giant
(b)	Pearl S Buck	2.	Open window
(c)	Saki	3.	The Last Leaf
(d)	Oscar Wilde	4.	The Refugee

	(a)	(b)	(c)	(d)
<input checked="" type="checkbox"/> (A)	3	4	2	1
(B)	1	3	2	4
(C)	1	2	4	3
(D)	2	3	1	4

13. Identify the correct degree :

Dina's pencil is _____ (sharp) than Caroline.

- (A) sharper
- (B) as sharp as
- (C) more sharp
- (D) sharpest

14. Find out the allusion applied here :

“Dust thou art, to dust returnest...”

- (A) Hindu Mythology
- (B) Rhyme of Ancient Mariner
- (C) The Bible
- (D) William Shakespeare

15. Find out the figure of speech in the following poetic lines :

“O If you can meet with triumph and disaster
And treat those two impostors just the same”.

- (A) Personification
- (B) Simile
- (C) Metaphor
- (D) Oximoron

16. “On the day of Sicilian July, with Etna Smoking

The voice of Education said to me.....”

In these lines,

The word “Etna” refers to _____.

- (A) Volcano
- (B) River
- (C) Mountain
- (D) City

17. Choose the correct option :

The Giant’s final journey was _____.

- (A) to his friend’s place
- (B) to the neighbouring village
- (C) to paradise
- (D) to his brother’s house

18. Find out the correct author of this line :

"That should not be done in Puncha-Kandam".

- (A) Kamala Das
- (B) Dr. A.P.J. Abdul Kalam
- (C) Thakazhi Sivasankara Pillai
- (D) Rabindranath Tagore

19. Mercy droppeth as the gentle rain from Heaven. This line is taken from _____.

- (A) Julius Caesar
- (B) After the storm
- (C) The Sun Beam
- (D) The Merchant of Venice

20. Match the poems with poets :

A

B

- | | |
|---------------------------|------------------------|
| (a) Sonnet No. 116 | 1. Walt Whitman |
| (b) The Solitary Reaper | 2. Douglas Mallock |
| (c) Be the Best | 3. William Shakespeare |
| (d) O Captain! My Captain | 4. William Wordsworth |

- | | | | | |
|---|-----|-----|-----|-----|
| | (a) | (b) | (c) | (d) |
| (A) | 4 | 3 | 1 | 2 |
| (B) | 1 | 2 | 3 | 4 |
| <input checked="" type="checkbox"/> (C) | 3 | 4 | 2 | 1 |
| (D) | 2 | 3 | 1 | 4 |

21. Change the British English word replacing the American English

Karan dried the nappy.

- | | |
|--|-----------|
| (A) coat | (B) truck |
| <input checked="" type="checkbox"/> (C) diaper | (D) mail |

22. Which of the following is a drama?

- (A) Julius Caesar
- (B) Hiroshima
- (C) English Words
- (D) The mark of Vishnu

23. Identify the speaker/character of the following lines.

O, Judgement! Thou art fled to brutish beasts

And men have lost their reason!

- (A) Casca
- (B) Decious Brutus
- (C) Mark Antony
- (D) Marcus Brutus

24. Baron Hausberg was a _____.

Fill in the blank choosing the correct option.

- (A) Millionaire model
- (B) Model Millionaire
- (C) Painter
- (D) Colonel

25. "Appearances can be deceptive
And to the superficial gaze
The outside looks dull and grey
Plain looking in many ways".

The Rhyme Scheme used in the above given lines is

- (A) a b a b
- (B) a b c b
- (C) a b b a
- (D) a c a b

26. Choose the correct answer

In which year, Kalpana Chawla's path to the Milky way was paved?

- (A) 1995 (B) 1993
(C) 1994 (D) 1988

27. "Success does not mean the absence of failures"

Who said this?

- (A) Edwin C Bliss
(B) Dale Carnegie
(C) Dr. A.P.J. Abdul Kalam
(D) Hope Spencer

28. What is the historical importance of September 11, 2001?

- (A) Tsunami
 (B) Attack of the Twin Towers
(C) Bomb blast in Hiroshima
(D) World War II

29. Choose the correct name of a Messiaen from the options

Messiaen – a child Prodigy in Music

- (A) Oliver Twist
(B) Olivia
 (C) Olivier Eugene Prosper Charles
(D) Olivian Prospero

30. Identify the figure of speech used in the following poetic line :

And all day the iron wheels are droning

- (A) Oxymoron (B) Onomatopoeia
(C) Assonance (D) Metaphor

31. Tagore won the Nobel prize for literature in

(A) 1947

(B) 1920

(C) 1913

(D) 1964

32. Choose the correct answer

What is the theme of the story "The Model Millionaire"?

(A) Appearances are deceptive

(B) All the glitters is not Gold

(C) No Man is an island

(D) Fine feathers make fine birds

33. "..... The journey matters as much as the goal". Who said this?

(A) Kesavan Nair

(B) Portia

(C) Kalpana Chawla

(D) Mrs. Henderson

34. In whose poem the following lines occur.

"Each laid on other a staying hand

To listen ere we dared to look"

(A) Robert Frost

(B) Rudyard Kipling

(C) Paul Holmes

(D) D.H. Lawrence

35. Match the titles of the poem given in Column A with the lines of the poem given in Column B :

Column A

Column B

(a) Manliness

1. With speed of wings I hasten

(b) Going for water

2. And sometimes we could pray

(c) The cry of the children

3. But once within the wood we paused

(d) Migrant Bird

4. If you can fill the unforgiving minute

(a) (b) (c) (d)

(A) 4 3 2 1

(B) 1 3 2 4

(C) 2 1 4 3

(D) 3 2 4 1

36. 'Girl Star' is a
- (A) Community Banking movement
 - (B) National Mission on monuments and antiquities
 - (C) UNICEF project
 - (D) Save the child project

37. Fill in the blank with the correct option

Gandhi married in _____.

- (A) 1800
- (B) 1882
- (C) 1889
- (D) 1887

38. Replace the underlined British word with its American Equivalent

I went to the depot

- (A) Bus stop
- (B) Terminus
- (C) Terminal
- (D) Department

39. Which of the following is not a Poem?

- (A) Snake
- (B) Laugh and Be merry
- (C) Bat
- (D) The marvellous machine

40. Match the characters in Column A with the story titles in Column B

Column A		Column B	
(a) Johnsy		1.	The Lottery Ticket
(b) Masha		2.	Two Friends
(c) Morrissot		3.	Open window
(d) Mrs. Sappleton		4.	The Last Leaf

- | | (a) | (b) | (c) | (d) |
|---|-----|-----|-----|-----|
| <input checked="" type="checkbox"/> (A) | 4 | 1 | 2 | 3 |
| (B) | 1 | 3 | 2 | 4 |
| (C) | 3 | 2 | 1 | 4 |
| (D) | 2 | 1 | 4 | 3 |

41. Match the short stories with the authors

- | | |
|----------------------------------|----------------------|
| (a) The Tears of the Desert | 1. Susannah Hickling |
| (b) The Ant Eater and the Dassie | 2. Paulo Coelho |
| (c) Swept away | 3. Mackinlay Kantor |
| (d) Aman who had no eyes | 4. Lakshmi Mukundan |

- | | | | | |
|---|-------|-------|-------|-------|
| (A) <input checked="" type="checkbox"/> | (a) 2 | (b) 4 | (c) 1 | (d) 3 |
| (B) <input type="checkbox"/> | (a) 1 | (b) 3 | (c) 4 | (d) 2 |
| (C) <input type="checkbox"/> | (a) 4 | (b) 1 | (c) 3 | (d) 2 |
| (D) <input type="checkbox"/> | (a) 2 | (b) 1 | (c) 3 | (d) 4 |

42. Match the names of the poets under Column A with Column B and choose the correct code

- | Column A | Column B |
|-------------------------|-------------------------|
| (a) William Words Worth | 1. The Earth |
| (b) Khalil Gibran | 2. Is Life but a Dream? |
| (c) Lewis Carol | 3. Snake |
| (d) D. H. Lawrence | 4. The Solitary Reaper |

- | | | | | |
|---|-------|-------|-------|-------|
| (A) <input checked="" type="checkbox"/> | (a) 4 | (b) 1 | (c) 2 | (d) 3 |
| (B) <input type="checkbox"/> | (a) 2 | (b) 4 | (c) 3 | (d) 1 |
| (C) <input type="checkbox"/> | (a) 1 | (b) 3 | (c) 4 | (d) 2 |
| (D) <input type="checkbox"/> | (a) 3 | (b) 2 | (c) 1 | (d) 4 |

43. In whose poem the following line occurs?

"We can't all be captains, we've got to be crew".

- (A) Walt Whitman
(B) Douglas Malloch
(C) Hope Spencer
(D) Rudyard Kipling

44. In which poem the theme of the life-giving force of Nature is followed

- (A) Snake
(B) In search of a Friend
(C) What Trees are For
(D) Inclusion

45. 'The National Anthem' was written by

- (A) Sundaram Pillai
- (B) Rabindranath Tagore
- (C) Thiru V. Ka
- (D) Namakkal Kavignar

46. Shakespeare wrote _____ Sonnets.

- (A) 200
- (B) 100
- (C) 175
- (D) 154

47. What is the theme applied in the poem?

"Be the Best".

- (A) Patriotism
- (B) Confidence
- (C) Positive Thought
- (D) Self Awareness

48. "No One becomes a farmer by pouring in money. Dumping fertilisers and raising a crop of paddy".

Whose words are these?

- (A) Kuttichovan
- (B) Kesavan Nair
- (C) Outhakutty
- (D) Kutty Mappila

49. Match the places given in Column A with the cities where they are situated given in Column B.

- | Column A | | | | Column B | | | |
|----------|-----------------------|----|------------|----------|--|--|--|
| (a) | Prahadeesvarar Temple | 1. | Darjeeling | | | | |
| (b) | Elephant Hills | 2. | Tanjore | | | | |
| (c) | Mountain Railways | 3. | Italy | | | | |
| (d) | Empoli | 4. | Madurai | | | | |

- | | (a) | (b) | (c) | (d) |
|---|-----|-----|-----|-----|
| (A) | 2 | 3 | 4 | 1 |
| (B) | 3 | 1 | 2 | 4 |
| <input checked="" type="checkbox"/> (C) | 2 | 4 | 1 | 3 |
| (D) | 4 | 3 | 1 | 2 |

50. Match the sentences with their patterns :

A		B	
(a) Ram went to school		1. S + V + O	
(b) My father gave me a pen		2. S + V + C	
(c) He was excited		3. S + V + IO + DO	
(d) She bought vegetables		4. S + V + A	

	(a)	(b)	(c)	(d)
(A)	2	3	1	4
<input checked="" type="checkbox"/> (B)	4	3	2	1
(C)	1	3	2	4
(D)	2	1	3	4

51. Fill in the blank with correct question tag.

Let us go to the market —————?

- (A) Are we?
- (B) Aren't we?
- (C) Shouldn't we?
- (D) Shall we?

52. Identify the complex sentence from the following

- (A) Anu was poor but she stood first in the exam
- (B) Anu was poor still she stood first in the exam
- (C) Though Anu was poor, she stood first in the exam
- (D) Despite her poverty Anu stood first in the exam

53. Fill in the blanks with correct homophone.

In Japan even _____ stores are not _____, for they float in boats.

- (A) stationery, stationary
- (B) stationery, stationed
- (C) stationary, stationery
- (D) stationed, stationary

54. Match the following phrases in Column A with their meaning in Column B :

A Phrases		B Meaning	
(a) to take a new turn		1. deprived of	
(b) bereft of		2. to begin a new course	
(c) due to		3. irrespective of	
(d) in spite of		4. reason	

	(a)	(b)	(c)	(d)
<input checked="" type="checkbox"/> (A)	2	1	4	3
(B)	1	2	4	3
(C)	3	4	2	1
(D)	4	3	1	2

55. Choose the correct Synonyms for the underlined word from the options given :

The man held out his battered hat for alms.

- (A) new
- (B) beaten out of shape
- (C) woolen cloth
- (D) beautiful

56. Match the words in Column A with its meanings in Column B

Column A		Column B	
(a) mutiny		1. violent attack	
(b) onslaught		2. Useless	
(c) defy		3. rebel	
(d) ammunition		4. disobey	
(e) futile		5. weapons	

	(a)	(b)	(c)	(d)	(e)
(A)	3	1	4	5	2
(B)	1	4	3	2	5
(C)	2	3	1	4	5
(D)	5	3	2	1	4

57. Choose the correct blending word from the given options for "Breakfast + Lunch"

- (A) Break lunch (B) Fast lunch
(C) Blunch ~~(D) Brunch~~

58. Pick out the correct passive form of the verb for the given sentence :

They called Manu

- (A) called
~~(B) was called~~
(C) has been called
(D) would be called

59. Choose the correct simple sentence from the following options

- ~~(A) choose the challenging and reachable goals~~
(B) choose the challenging but reached goals
(C) though the goals are challenging you can choose them
(D) though goals are reachable choose the challenge

60. Identify the poem in which the following lines occur?

“But the smallest among them, he stumbled and staggered
And fell to the asphalt instead”

(A) Foot prints

(B) Nine Gold Medals

(C) In search of a friend

(D) Bat

61. Choose the correct option from the following :

The Greek Word for Earth is _____.

(A) Bhoomimatha

(B) Canopy

(C) Pangea

(D) Gaia

62. Match the correct Prefixes with the Root words :

Prefixes		Root Words		
(a) em -		1.	mission	
(b) ultra -		2.	tension	
(c) hyper -		3.	violet	
(d) over -		4.	power	
(e) inter -		5.	lock	

	(a)	(b)	(c)	(d)	(e).
(A)	3	4	2	1	5
(B)	5	3	4	2	1.
(C)	3	4	5	2	1
<input checked="" type="checkbox"/> (D)	4	3	2	5	1

63. Choose the correct compound word for

“Adverb + Participle”

(A) cat walking

(B) eye catching

(C) hand weaving

(D) incoming

64. Choose the correct synonyms for the underlined word from the options given :

Michael is bored with his daily Chores.

(A) plans

(B) obstacles

(C) lessons

(D) tasks

65. In the world's broad field of battle,

In the bivovac of Life,

What is the meaning of the phrase "Bivovac of life"?

(A) A grand palace in the world

(B) A pitiable life in the world

(C) A simple temporary life in the world

(D) A permanent life in the world

66. Choose the correct American English word for the underlined British English Word of the following sentence.

I take Jam and butter with bread as breakfast.

(A) Fruit mixture

(B) Jelly

(C) Fruit Juice

(D) Fruit Paste

67. Shakespeare's one among well known comedy is _____.

(A) King Lear

(B) A Mid Summer Night's Dream

(C) Othello

(D) Hamlet

68. Choose the best option :

Portia disguises herself as a _____.

- (A) Merchant (B) ~~Lawyer~~
(C) Money lender (D) Queen

69. "Let the young minds blossom – full of thoughts, the thoughts of prosperity".

Whose words are these?

- (A) Mahatma Gandhi
(B) Jawaharlal Nehru
(C) Ruskin Bond
(D) ~~Dr. A.P.J. Abdul Kalam~~

70. Choose the correct answer for the question from the given paragraph :

"Siluated in a remote corner of Kumaon bordering Tibet and Nepal, Munsiyari was once a bustling entrepot of Trade..."

Where is Milam Glacier?

- (A) Nepal (B) Munsiyari
(C) ~~Edge of Tibet~~ (D) Kumaon

71. "O, no! it is an ever-fixed mark,

That looks on tempests and is never shaken"

These lines are from the poem

- (A) Shilpi
(B) Is Life But a Dream
(C) The Man He Killed
(D) ~~Sonnet No. 116~~

72. Find out the correct answer :

_____ was once a bustling entrepot of trade.

- (A) Milam Village (B) Bhutia Villages
 (C) Munsiyari (D) Bilju

73. Match the characters with the story title :

A (Characters) B (Story Title)

- | | |
|--------------|-------------------|
| (a) Vera | 1. Lottery Ticket |
| (b) Morissot | 2. The Last Leaf |
| (c) Masha | 3. Two Friends |
| (d) Johnsy | 4. Open Window |

(a) (b) (c) (d)

- (A) 4 3 1 2
(B) 3 4 1 2
(C) 1 2 4 3
(D) 2 1 3 4

74. Whose biography is this?

"BON VOYAGE"

- (A) A.P.J. Abdul Kalam (B) Kalpana Chawla
(C) Sunitha Williams (D) Collins

75. Find out the correct answer from which it is taken?

"I am no Orator, as Brutus is"

- (A) Merchant of Venice
(B) Farmer
(C) Vision for the Nation
 (D) Julius Caesar

76. Choose the correct antonym for the underlined word from the options given :

A man get laurels when he achieves something.

(A) sufferings

(B) failures

(C) efforts

(D) rewards

77. 'Wings of Fire' is an autobiography of

(A) Helen Keller

(B) Mahatma Gandhi

(C) Kalpana Chawla

(D) Dr. A.P.J. Abdul Kalam

78. In which poem the following line occur?

'But birds tell it in the bowers'

(A) Earth

(B) Migrant Bird

(C) The Apology

(D) My Grandmother's house

79. Find out from which poem the following line is taken?

"Where tireless striving stretches its arms towards perfection".

(A) Prayer of a sportsman

(B) Nine gold medals

(C) Out in the fields with God

(D) Where the mind is without fear

80. Is Life But a Dream?

Choose the correct answer from the options to fill in the blank :

This poem is a/an _____ of the poet.

- (A) Dream (B) Trekking Experience
(C) Expedition (D) Recollection

81. Walt Whitman, a famous poet, started his career as an

- (A) Typist (B) Office boy
(C) Clerk (D) Teacher

82. William Shakespeare was educated at the

- (A) Free Stratford Grammar School
(B) Oxford University
(C) London School
(D) Cambridge University

83. Find out the correct answer :

"The Happy Prince" is a famous short story written by _____.

- (A) Oscar Wilde
(B) Ruskin Bond
(C) V.K. Gokak
(D) Ahtushi Deshpande

84. Choose the correct answer :

A nation's progress depends upon how its people think. It is thoughts which are transformed into action.

A nation's progress is directly depends on _____.

- (A) Works of people
 (B) Thoughts of People
(C) Works of politicians
(D) Thoughts of politicians

85. The theme portrayed in 'The cry of the children' is
- (A) Socialism (B) Patriotism
(C) Communism (D) Child Labour
86. Identify the city where the following song was sung by the people.
"We shall overcome"
- (A) New York (B) Manhattan
(C) German (D) Tennessee
87. "I look deeply into its visage, trying to each in my mind every detail of the vast expanse of the valley and the forlorn abandoned village"
In the given passage the word visage means.
- (A) vision (B) face
(C) view (D) whole
88. "But he's locked in a concrete cell,
His strength behind bars"
Mention the poem in which these lines occur.
- (A) Bat
(B) Off to Outer space Tomorrow Morning
(C) The Noiseless Patient Spider
 (D) The Tiger in the Zoo
89. "Be glad your nose is on your face"
The tone of this poem is
- (A) Humorous (B) Melancholic
(C) Serious (D) Tragic
90. "I may have been affected by Polio but education has helped me to realize my dreams"
Who is the 'dreamer' mentioned about?
- (A) Rajalakshmi (B) F. Joanna
(C) Sunitha Williams (D) Sarla Thakral

91. "We're going to see rising tension over shared water Resources"
These lines insist the slogan
(A) Save Atomic Energy (B) Save Trees
(C) Save Power (D) Save water
92. "Such as thy words are such will thine affections be esteemed".
Who said this?
 (A) Socrates (B) Nelson Mandela
(C) Messiaen (D) William Shakespeare
93. The sense of freedom to do anything anyway we wish without restrictions – is the central theme of the poem
(A) Shilpi (B) Beautiful Inside
(C) Manliness (D) Migrant Bird
94. The poet who made a bridge between The Victorian Age and The modernist movement was
(A) Walt Whitman (B) Thomas Hardy
(C) Robert Frost (D) William Shakespeare
95. Identify the personality who Uttered the following:
"Man is born free but is everywhere in chains".
(A) Gopala Krishna Gokhale (B) Abdul Kalam
(C) Jean Jacques Rousseau (D) Rabindranath Tagore
96. What is the theme observed in "The Piano Lesson".
(A) Time and tide waits for none
(B) Cleanliness is next to Godliness
(C) Look before you Leap
 (D) Practice makes one Perfect

97. Identify the sentence pattern of the following sentence :

Sachin played cricket yesterday.

- (A) S V C A
- (B) S V O A
- (C) S V O C
- (D) S V O A A

98. Who said these words?

Et tu Brute?

- (A) Brutus
- (B) Caesar
- (C) Antony
- (D) Cassius

99. Match the poem in Column A with their poets in Column B

Column A (Poem)

Column B (Poets)

- | | |
|-------------------|--------------------------|
| (a) Snake | 1. Ralph Waldo Emerson |
| (b) Flying Wonder | 2. V.K. Gokak |
| (c) English Words | 3. Stephen Vincent Benet |
| (d) The Apology | 4. D.H. Lawrence |

- | | | | | |
|---|-----|-----|-----|-----|
| | (a) | (b) | (c) | (d) |
| (A) | 1 | 4 | 3 | 2 |
| (B) | 2 | 1 | 4 | 3 |
| (C) | 3 | 2 | 1 | 4 |
| <input checked="" type="checkbox"/> (D) | 4 | 3 | 2 | 1 |

100. What underlying idea do you find in this poem?

"MIGRANT BIRD"

- (A) A note of determination to achieve
- (B) A sense of freedom to do anything anyway we wish without restrictions
- (C) Never give up in temptation
- (D) Admiration of nature