General Aptitude (GA)
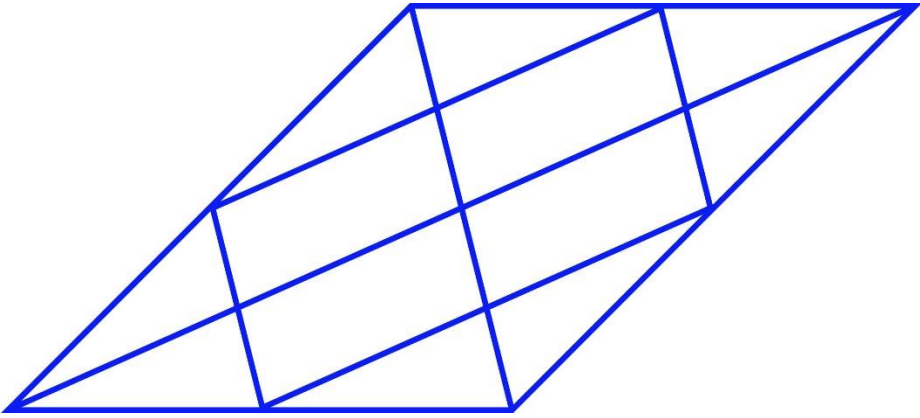
Q.1 – Q.5 Carry ONE mark Each

Q.1	Rafi told Mary, "I am thinking of watching a film this weekend."
	The following reports the above statement in indirect speech:
	Rafi told Mary that he _____ of watching a film that weekend.
(A)	thought
(B)	is thinking
(C)	am thinking
(D)	was thinking

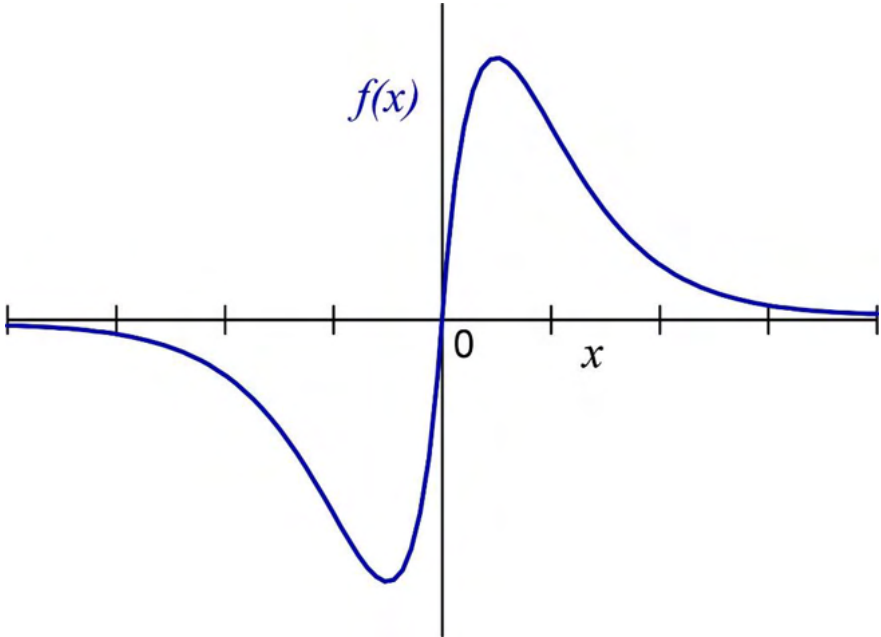| Q.2	Permit : _____ : : Enforce : Relax
	(By word meaning)
(A)	Allow
(B)	Forbid
(C)	License
(D)	Reinforce

Q.3	Given a fair six-faced dice where the faces are labelled '1', '2', '3', '4', '5', and '6', what is the probability of getting a '1' on the first roll of the dice and a '4' on the second roll?
(A)	$\dfrac{1}{36}$
(B)	$\dfrac{1}{6}$
(C)	$\dfrac{5}{6}$
(D)	$\dfrac{1}{3}$

Q.4	A recent survey shows that 65% of tobacco users were advised to stop consuming tobacco. The survey also shows that 3 out of 10 tobacco users attempted to stop using tobacco.
	Based only on the information in the above passage, which one of the following options can be logically inferred with *certainty*?
(A)	A majority of tobacco users who were advised to stop consuming tobacco made an attempt to do so.
(B)	A majority of tobacco users who were advised to stop consuming tobacco did not attempt to do so.
(C)	Approximately 30% of tobacco users successfully stopped consuming tobacco.
(D)	Approximately 65% of tobacco users successfully stopped consuming tobacco.

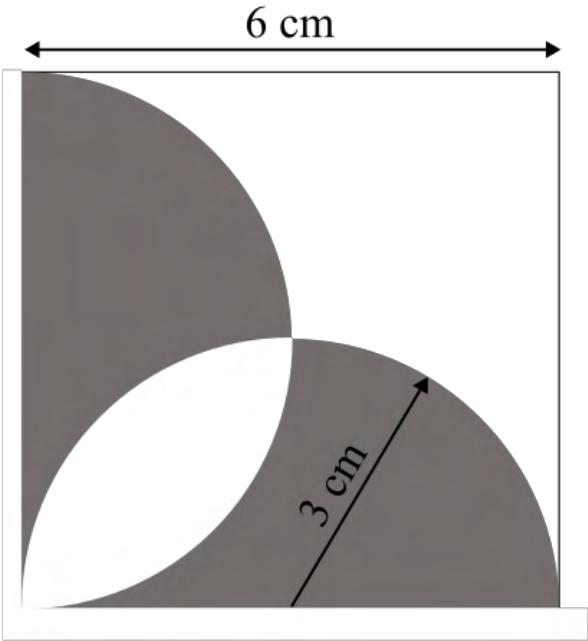| Q.5	How many triangles are present in the given figure?
(A)	12
(B)	16
(C)	20
(D)	24

Q.6 – Q.10 Carry TWO marks Each

Q.6	Students of all the departments of a college who have successfully completed the registration process are eligible to vote in the upcoming college elections. However, by the time the due date for registration was over, it was found that suprisingly none of the students from the Department of Human Sciences had completed the registration process. Based only on the information provided above, which one of the following sets of statement(s) can be logically inferred with *certainty*? (i) All those students who would not be eligible to vote in the college elections would certainly belong to the Department of Human Sciences. (ii) None of the students from departments other than Human Sciences failed to complete the registration process within the due time. (iii) All the eligible voters would certainly be students who are not from the Department of Human Sciences.
(A)	(i) and (ii)
(B)	(i) and (iii)
(C)	only (i)
(D)	only (iii)

Q.7	Which one of the following options represents the given graph?
(A)	$f(x) = x^2 2^{-|x|}$
(B)	$f(x) = x \, 2^{-|x|}$
(C)	$f(x) = |x| 2^{-x}$
(D)	$f(x) = x \, 2^{-x}$

Q.8	Which one of the options does NOT describe the passage below or follow from it?
	We tend to think of cancer as a 'modern' illness because its metaphors are so modern. It is a disease of overproduction, of sudden growth, a growth that is unstoppable, tipped into the abyss of no control. Modern cell biology encourages us to imagine the cell as a molecular machine. Cancer is that machine unable to quench its intial command (to grow) and thus transform into an indestructible, self-propelled automaton.
	[Adapted from *The Emperor of All Maladies* by Siddhartha Mukherjee]
(A)	It is a reflection of why cancer seems so modern to most of us.
(B)	It tells us that modern cell biology uses and promotes metaphors of machinery.
(C)	Modern cell biology encourages metaphors of machinery, and cancer is often imagined as a machine.
(D)	Modern cell biology never uses figurative language, such as metaphors, to describe or explain anything.

Q.9	The digit in the unit's place of the product $3^{999} \times 7^{1000}$ is _____.
(A)	7
(B)	1
(C)	3
(D)	9

Q.10	A square with sides of length 6 cm is given. The boundary of the shaded region is defined by two semi-circles whose diameters are the sides of the square, as shown. The area of the shaded region is _____ cm^2.
(A)	6π
(B)	18
(C)	20
(D)	9π

Reasoning and Comprehension – B1

XH-B1: Q.11 – Q.17 Carry ONE mark Each

Q.11	Which word below best describes the idea of being both *Spineless* and *Cowardly*?
(A)	Pusillanimous
(B)	Unctuous
(C)	Obsequious
(D)	Reticent
Q.12	Choose the right preposition to fill up the blank: The whole family got together ____ Diwali
(A)	of
(B)	at
(C)	in
(D)	till

Q.13	Select the correct option to fill in all the blanks to complete the passage:
	The (i)_____ factor amid this turbulence has been the (ii)_____ of high-octane, action-oriented films such as RRR, K.G.F: Chapter 2 and Pushpa from film industries in the south of the country. Traditionally, films made in the south have done well in their own (iii) _____. But increasingly, their dubbed versions have performed well in the Hindi heartland, with collections (iv)_____ those of their Bollywood counterparts.
(A)	(i) disheartening (ii) failure (iii) channels (iv) matching
(B)	(i) redeeming (ii) outperformance (iii) geographies (iv) eclipsing
(C)	(i) shocking (ii) underperformance (iii) cinemas (iv) below
(D)	(i) humbling (ii) bombing (iii) theatres (iv) falling behind

Q.14	The following passage consists of 6 sentences. The first and sixth sentences of the passage are at their correct positions, while the middle four sentences (represented by 2, 3, 4, and 5) are jumbled up.
	Choose the correct sequence of the sentences so that they form a coherent paragraph:
	1. Most obviously, mobility is taken to be a geographical as well as a social phenomenon.
	2. Much of the social mobility literature regarded society as a uniform surface and failed to register the geographical intersections of region, city and place, with the social categories of class, gender and ethnicity.
	3. The existing sociology of migration is incidentally far too limited in its concerns to be very useful here.
	4. Further, I am concerned with the flows of people within, but especially beyond, the territory of each society, and how these flows may relate to many different desires, for work, housing, leisure, religion, family relationships, criminal gain, asylum seeking and so on.
	5. Moreover, not only people are mobile but so too are many 'objects'.
	6. I show that sociology's recent development of a 'sociology of objects' needs to be taken further and that the diverse flows of objects across societal borders and their intersections with the multiple flows of people are hugely significant.
(A)	3, 2, 5, 4
(B)	2, 3, 4, 5
(C)	5, 4, 3, 2
(D)	4, 2, 5, 3

Q.15	The population of a country increased by 5% from 2020 to 2021. Then, the population decreased by 5% from 2021 to 2022. By what percentage did the population change from 2020 to 2022?
(A)	-0.25%
(B)	0%
(C)	2.5%
(D)	10.25%
Q.16	The words **Thin: Slim: Slender** are related in some way. Identify the correct option(s) that reflect(s) the same relationship:
(A)	Fat: Plump: Voluptuous
(B)	Short: Small: Petite
(C)	Tall: Taller: Tallest
(D)	Fair: Dark: Wheatish

Q.17	A pandemic like situation hit the country last year, resulting in loss of human life and economic depression. To improve the condition of its citizens, the government made a series of emergency medical interventions and increased spending to revive the economy. In both these efforts, district administration authorities were actively involved. Which of the following action(s) are plausible?
(A)	In future, the government can make district administration authorities responsible for protecting health of citizens and reviving the economy.
(B)	The government may set up a task force to review the post pandemic situation and ascertain the effectiveness of the measures taken.
(C)	The government may set up a committee to formulate a pandemic management program to minimize losses to life and economy in future.
(D)	The government may take population control measures to minimize pandemic related losses in future.

XH-B1: Q.18 – Q.26 Carry TWO marks Each

Q.18	Six students, Arif, Balwinder, Chintu, David, Emon and Fulmoni appeared in the GATE-XH exam in 2022. Balwinder scores less than Chintu in XH-B1, but more than Arif in XH-C1. David scores more than Balwinder in XH-C1, and more than Chintu in XH-B1. Emon scores less than David, but more than Fulmoni in XH-B1. Fulmoni scores more than David in XH-C1. Arif scores less than Emon, but more than Fulmoni in XH-B1. Who scores highest in XH-B1?
(A)	Fulmoni
(B)	Emon
(C)	David
(D)	Chintu
Q.19	Select the correct relation between E and F.
	$E = \dfrac{x}{1+x}$ and $F = \dfrac{-x}{1-x}$ $\quad x > 1$
(A)	E > F
(B)	E < F
(C)	E = F
(D)	E < -F

Q.20	A code language is formulated thus:
	Vowels in the original word are replaced by the next vowel from the list of vowels, A-E-I-O-U (For example, E is replaced by I and U is replaced by A). Consonants in the original word are replaced by previous consonant (For example, T is replaced by S and V is replaced by T).
	Then how does the word, GOODMORNING appear in the coded language?
(A)	HUUFNUSPOPH
(B)	FIICLIQMEMF
(C)	FUUCLUQMOMF
(D)	HEEDATTACRH

Q.21	The stranger is by nature no "owner of soil" -- soil not only in the physical, but also in the figurative sense of a life-substance, which is fixed, if not in a point in space, at least in an ideal point of the social environment. Although in more intimate relations, he may develop all kinds of charm and significance, as long as he is considered a stranger in the eyes of the other, he is not an "owner of soil." Restriction to intermediary trade, and often (as though sublimated from it) to pure finance, gives him the specific character of mobility. If mobility takes place within a closed group, it embodies that synthesis of nearness and distance which constitutes the formal position of the stranger. For, the fundamentally mobile person comes in contact, at one time or another, with every individual, but is not organically connected, through established ties of kinship, locality, and occupation, with any single one. What assumptions can be made about the stranger from the passage above?
(A)	The stranger can become an owner of soil through developing all kinds of charm in more intimate relations.
(B)	The stranger cannot become an owner of soil either in the physical or psychological sense.
(C)	The stranger can become an owner of soil through establishing ties of kinship and so on.
(D)	The stranger might become an owner of soil in the physical sense but not in the psychological

Q.22	L is the only son of A and S. S has one sibling, B, who is married to L's aunt, K. B is the only son of D. How are L and D related? Select the possible option(s):
(A)	Grandchild and Paternal Grandfather
(B)	Grandchild and Maternal Grandfather
(C)	Grandchild and Paternal Grandmother
(D)	Grandchild and Maternal Grandmother

Q.23	Five segments of a sentence are given below. The first and fifth segments are at their correct positions, while the middle three segments (represented by 2, 3, and 4) are jumbled up. Choose the correct order of the segments so that they form a coherent sentence:
	1. Consumed multitudes are jostling and shoving inside me
	2. and guided only by the memory of a large white bedsheet with a roughly circular hole some seven inches in diameter cut into the center,
	3. clutching at the dream of that holey, mutilated square of linen, which is my talisman, my open-sesame,
	4. I must commence the business of remaking my life from the point at which it really began,
	5. some thirty-two years before anything as obvious, as present, as my clock-ridden, crime-stained birth.
(A)	2 – 3 – 4
(B)	3 – 2– 4
(C)	4 – 2– 3
(D)	4 – 3 – 2

Q.24	"I told you the truth," I say yet again, "Memory's truth, because memory has its own special kind. It selects, eliminates, alters, exaggerates, minimizes, glorifies, and vilifies also; but in the end it creates its own reality, its heterogeneous but usually coherent versions of events; and no sane human being ever trusts someone else's version more than his own." What are the different ways in which 'truth' can be understood from the passage?
(A)	Truth is what can be verified by hard empirical evidence.
(B)	Truth is based on what can be perceived by the senses.
(C)	Truth is the product of memory that is fallible, selective and slanted.
(D)	Truth is contingent on the observer and can only be partial.
Q.25	A firm needs both skilled labour and unskilled labour for the production of cloth. The wage of skilled labour is Rs. 40,000 per month, and that of unskilled labour is Rs. 15,000 per month. The total wage bill of the firm for the production of cloth is Rs. 23,75,000 in a month for 100 labour. How many skilled labour are employed by the firm (*in Integer*)?
Q.26	Select the odd word and write the option number as answer: (1) Lek (2) Zloty (3) Diner (4) Drachma (5) Real

English – C2

XH-C2: Q.27 – Q.44 Carry ONE mark Each

Q.27	Who published the novel *The Bell Jar* under the pseudonym Victoria Lucas?
(A)	Dorothy Richardson
(B)	Virginia Woolf
(C)	Sylvia Plath
(D)	Alice Walker

Q.28	In which collection did Walt Whitman's poem "Song of Myself" first appear?
(A)	*Two Rivulets*
(B)	*November Boughs*
(C)	*The Golden Bough*
(D)	*Leaves of Grass*

Q.29	Who wrote the introduction to Rabindranath Tagore's *Gitanjali*?
(A)	T. S. Eliot
(B)	Ezra Pound
(C)	W. H. Auden
(D)	W. B. Yeats

Q.30	Identify the title of the poem in which the following lines appear: "He was found by the Bureau of Statistics to be One against whom there was no official complaint, And all the reports on his conduct agree That, in the modern sense of an old-fashioned word, he was a saint For in everything he did he served the greater community."
(A)	"In Memory of W. B. Yeats"
(B)	"The Unknown Citizen"
(C)	"In Praise of Limestone"
(D)	"On this Island"

Q.31	Identify the point of view used in the following passage:
	"You are not the kind of guy who would be at a place like this at this time of the morning. But here you are, and you cannot say that the terrain is entirely unfamiliar, though the details are fuzzy."
(A)	Third-person point of view
(B)	The limited point of view
(C)	Second-person point of view
(D)	First-person point of view

Q.32	Which of the following is a novel by Charles Dickens?
(A)	*The Old Curiosity Shop*
(B)	*The Old Wives' Tale*
(C)	*The Old Bachelor*
(D)	*One Hundred Years of Solitude*

Q.33	Which linguistic process can be seen in the formation of the following words?
	i. smog, ii. brunch, iii. motel iv. telecast
(A)	Borrowing
(B)	Compounding
(C)	Blending
(D)	Backformation

Q.34	Which writer is credited with the 'chutneyfication' of Indian English?
(A)	Raja Rao
(B)	Salman Rushdie
(C)	Amitav Ghosh
(D)	Arundhati Roy

Q.35	Whom would you associate the term 'simulacra' with?
(A)	Noam Chomsky
(B)	Jean Baudrillard
(C)	Félix Guattari
(D)	Michel Foucault

Q.36	In Plato's idea of the Republic there is no place for the _____.
(A)	Lawyer
(B)	Magistrate
(C)	Politician
(D)	Poet

Q.37	What was Aristotle's definition of *hubris*?
(A)	Tragic flaw in a character
(B)	A false sense of pride which eventually causes the character's downfall
(C)	An ability to imagine the future
(D)	A humble, ascetic quality

Q.38	Stephen Dedalus is a recurring character in the works of _____.
(A)	James Joyce
(B)	H. G. Wells
(C)	P. G. Wodehouse
(D)	D. H. Lawrence

Q.39	Which of the following novels opens with the sentence, "It is a truth universally acknowledged that a single man in possession of a good fortune must be in want of a wife."?
(A)	*Sense and Sensibility*
(B)	*Pride and Prejudice*
(C)	*Mansfield Park*
(D)	*Emma*

Q.40	Which of the following novels by Chinua Achebe derives its title from W. B. Yeats's poem "The Second Coming"?
(A)	*Arrow of God*
(B)	*No Longer at Ease*
(C)	*A Man of the People*
(D)	*Things Fall Apart*

Q.41	Identify the novels that deal with the trauma of Partition:
(A)	Shauna Singh Baldwin's *What the Body Remembers*
(B)	Amitav Ghosh's *The Shadow Lines*
(C)	Anita Desai's *Cry, the Peacock*
(D)	Kamala Markandaya's *Nectar in a Sieve*

Q.42	Which of the following writers are associated with the Theatre of the Absurd?
(A)	Harold Pinter
(B)	Edward Albee
(C)	John Osborne
(D)	Eugene O'Neill

Q.43	Identify the writers who are referred to as 'metaphysical poets':
(A)	John Donne
(B)	Andrew Marvell
(C)	Philip Larkin
(D)	T. S. Eliot

Q.44	What are the sources of Girish Karnad's *Hayavadana*?
(A)	Thomas Mann's *The Transported Heads*
(B)	Valmiki's *Ramayana*
(C)	Somadeva's *Kathasaritsagara*
(D)	Franz Kafka's *The Metamorphosis*

XH-C2: Q.45– Q.65 Carry TWO marks Each

Q.45	Which of the following terms are used by Samuel Taylor Coleridge in his theory of imagination?
(A)	Primary imagination, secondary imagination, and fancy
(B)	Negative capability, Hellenism, and impersonality
(C)	Egotistical sublime, oversoul, and pantheism
(D)	Unacknowledged legislation, atheism, and anarchy

Q.46	Which of the following is the forerunner of the autobiography?
(A)	St. Augustine's *Confessions*
(B)	James Joyce's *Portrait of the Artist as a Young Man*
(C)	William Wordsworth's *The Prelude*
(D)	Izaak Walton's *Lives*

Q.47	Which of the following poems did Robert Browning intend to write as a play?
(A)	"Men and Women"
(B)	"Dramatis Personae"
(C)	"The Inn Album"
(D)	"The Ring and the Book"

Q.48	The 'Age of Reason' in English literary history is popularly known as:
(A)	The Medieval Period
(B)	The Neo-classical Age
(C)	The Romantic Age
(D)	The Victorian Age

Q.49	Who first translated Jacques Derrida's work into English?
(A)	Gayatri C. Spivak
(B)	Edward Said
(C)	Harold Bloom
(D)	Paul de Man

Q.50	Identify the 'Lake Poets':
(A)	Byron, Shelley, Keats
(B)	Wordsworth, Coleridge, Byron
(C)	Byron, Southey, Wordsworth
(D)	Wordsworth, Coleridge, Southey

Q.51	Choose from the following options the type of drama that is intended by the author to be read rather than to be performed:
(A)	Kitchen Sink Drama
(B)	Closet Drama
(C)	Poetic Drama
(D)	Folk Drama

Q.52	Identify the commonality shared by the authors of *Mansfield Park* and *Middle March:*
(A)	Both the novels were authored by men who were sent on exile.
(B)	Both the novels were authored by political prisoners.
(C)	Both the novels were written by children who were not allowed to publish their works.
(D)	Both the novels were written by women who wrote under pseudonyms.

Q.53	Who said, "Poetry makes nothing happen"?
(A)	Marianne Moore
(B)	Ezra Pound
(C)	Wallace Stevens
(D)	W. H. Auden

Q.54	Which literary device does the following line employ? "A timorous foe, and a suspicious friend."
(A)	Antithesis
(B)	Antistrophe
(C)	Oxymoron
(D)	Apostrophe

Q.55	Match the following excerpts with their authors:

(P) "He rose from the table; and advancing to the master, basin and spoon in hand, said: somewhat alarmed at his own temerity: 'Please, Sir, I want some more'."	(i) Ralph Waldo Emerson
(Q) "Studies serve for delight, for ornament, and for ability."	(ii) George Orwell
(R) "Trust thyself: every heart vibrates to that iron string."	(iii) Charles Dickens
(S) "It was a bright cold day in April, and the clocks were striking thirteen."	(iv) Francis Bacon

(A)	(P)-(iii), (Q)-(iv), (R)-(i), (S)-(ii)
(B)	(P)-(iv), (Q)-(iii), (R)-(ii), (S)-(i)
(C)	(P)-(iii), (Q)-(ii), (R)-(i), (S)-(iv)
(D)	(P)-(i), (Q)-(iv), (R)-(ii), (S)-(iii)

Q.56	The 1667 edition of *Paradise Lost* had 10 books. How many more were added to the 1674 edition?
(A)	2
(B)	4
(C)	6
(D)	12

Q.57	Read the following poem and identify the appropriate options:
	And search
	for certain thin –
	stemmed, bubble-eyed water bugs.
	See them perch
	on dry capillary legs
	weightless
	on the ripple skin
	of a stream.
	No, not only prophets
	walk on water. This bug sits
	on a landslide of lights
	and drowns eye –
	deep
	into its tiny strip
	of sky.
(A)	It uses free verse form.
(B)	It employs imagery.
(C)	It uses the iambic pentameter.
(D)	It juxtaposes the non-human with the human.

Q.58	Which of the following employ 'Interior Monologue'?
(A)	Alfred Lord Tennyson's "In Memoriam"
(B)	The final chapter of James Joyce's *Ulysses*
(C)	T. S. Eliot's "The Love Song of J. Alfred Prufrock"
(D)	Robert Browning's "My Last Duchess"

Q.59	Which of the following works may be described as novels in verse?
(A)	*Aurora Leigh* by Elizabeth Barrett Browning
(B)	*The Golden Gate* by Vikram Seth
(C)	*Pamela* by Samuel Richardson
(D)	*Old Possum's Book of Practical Cats* by T. S. Eliot

Q.60	Which of the following critics belong to the deconstructionist school?
(A)	Jacques Derrida
(B)	Paul de Man
(C)	J. Hillis Miller
(D)	Kate Soper

Q.61	Cleanth Brooks's definition of 'paradox' in poetry foregrounds the following qualities:
(A)	Wonder and irony
(B)	Contradiction and qualification
(C)	Piety and plurality
(D)	Omniscience and death of the author

Q.62	Two examples of magic realist fiction include:
(A)	*Midnight's Children*
(B)	*The Tin Drum*
(C)	*The English Teacher*
(D)	*Tom Jones*

Q.63	Ferdinand de Saussure differentiates language in terms of:
(A)	langue
(B)	metaphor
(C)	metonymy
(D)	parole

Q.64	Which of the following are considered to be typical postmodern narratives?
(A)	Italo Calvino's *If on a Winter's Night a Traveller*
(B)	John Barth's *Lost in the Funhouse*
(C)	Thomas Pynchon's *V.*
(D)	Iris Murdoch's *The Bell*

Q.65	What does a green reading of a text aim at?
(A)	Analyzing the implications of a text for environmental concerns
(B)	Deconstructing human exceptionalism
(C)	Studying connections between humans, society and the non-human world
(D)	Marginalizing differently abled people

END OF QUESTION PAPER