IBSAT 2017 - Model Paper-2

Section I

Verbal Ability

I.	Directions: In the following questions, each word is followed by five options. Choose the option which is the closest synonym of the given words. While choosing your answer, keep in mind the finer distinctions in the meaning and usage of certain words.						
1.	FURTIVE						
2.	(a) Spicy INSIDIOUS	(b) Secretive	(c) Palpable	(d) Fruitful	(e) Alien		
3.	(a) Tasteless APLOMB	(b) Treacherous	s (c) Secure	(d) Formal	(e) Vigilant		
4.	(a) Poise WOE	(b) Solitude	(c) Panacea	(d) Alertness	(e) Greed		
5.	(a) Homage EMULATE	(b) Evidence	(c) Chaos	(d) Deluge	(e) Sorrow		
•	(a) Appear	(b) Impose	(c) Imitate	(d) Operate	(e) Collect		
II.	Directions: In the following questions, each word is followed by five options. Choose the option which is the closest antonym of the given words. While choosing your answer, keep in mind the finer distinctions in the meaning and usage of certain words.						
6.	FABRICATE						
7.	(a) Aggravate HEED	(b) Establish	(c) Destroy	(d) Foster	(e) Electrify		
	(a) Hope	(b) Ignore	(c) Overtake	(d) Nurture	(e) Pacify		
8.	APPROBATIO	ON					
	(a) Disguise	(b) Corruption	(c) Treachery	(d) Permanen	at(e) Disapproval		
9.	MIRTH						
	(a) Serenity	(b) Triumph	(c) Gloom	(d) Newness	(e) Gaiety		
10.	CELESTIAL						
	(a) Sacred	(b) Hazardous	(c) Unhealthy	(d) Earthly	(e) Glorious		
III.	have to choose same as that of	a word from the	options so that words. You are	a new pair of v	re related in a particular manner. You words is formed where the relation is the nsider the secondary meaning of certain		
11.	Pack : Wolves	:: Shoal :					
	(a) Locusts	(b) Fish	(c) Chicken	(d) Books	(e) Passengers		
12.	Unbiased: Jud	ge :: Articulate :					
	(a) Orator	(b) Soldier	(c) Celebrity	(d) Clown	(e) Novice		
13.	Classify: Taxo	onomist :: Bargain	n :				
	(a) Sojourner	(b) Minstrel	(c) Juggler	(d) Visitor	(e) Haggler		
14.		evenge :: Epicure	an:				
	(a) Sorrow	(b) Fright	(c) Hesitation	(d) Pleasure	(e) Depression		

(e) Design

(c) Paper(d) Shape

Hammer : Nail :: Scissors :

(b) Pearl

(a) Screw

15.

Directions: Fill in the blanks with the words that best fit the meaning of the sentence as a whole.
Indian policies should on social justice and on inclusive growth and development, which in the long term will provide greater for all its people.
 (a) depend safety (b) focus security (c) count confidence (d) direct protection (e) build delight
Research should be done on rainwater and treatment of wastewater so that it might be recycled and made
(a) harvesting potable (b) preserving available (c) controlling possible (e) collecting accessible (b) preserving available (d) maintaining edible
A team without a good and simple system is like trying to a car without a steering wheel.
(a) guiding move (b) convincing push(c) working drive (d) developmental pull(e) leading propel
The cell phone is a wonderful invention of technology, making our lives and happy.
(a) popular blissful (b) modern stressful (c) portable pleasant (d) ubiquitous comfortable (e) effective joyful
As he to the dais, the crowd went trying to get a closer look of him.
(a) went noisy (b) walked happy (c) climbed fearful (d) strode berserk (e) moved crazy
Directions: In the following questions, each sentence is divided into four parts (a), (b), (c) and (d). Find out which part of the sentence contains an error. If there is no error, mark your answer as (e).
While the Indian Constitution guarantees / equality for women, /
(a) (b)
legal protection have little effect / in the face of prevailing culture. No error
(c) (d) (e)
The detective says / that there is no chance / for finding the person /
(a) (b) (c)
who wrote these letters. No error
(d) (e) He had scarcely / sat down / than there was a / knock at the door. No error
$\frac{\text{He had scarcely / }}{\text{(a)}} \frac{\text{sat down / }}{\text{(b)}} \frac{\text{man there was a / }}{\text{(c)}} \frac{\text{knock at the door.}}{\text{(d)}} \frac{\text{No error}}{\text{(e)}}$
The laboratory of Physics is / not only equipped with / state-of-the-art instruments /
(a) (b) (c)
but also with outstanding Physicists. No error
(d) (e)
Finishing his breakfast, / he started working / on the long / pending hours. No error
(a) (b) (c) (d) (e)

Directions: In each of the following questions, a part of the given sentence has been underlined as this part may have an error. The first option is the same as the underlined part in the given sentence. Choose this option if you think that the underlined part has no error. Otherwise, choose the option that rectifies the error in the underlined part of the given sentence. **26.** Practically, any parts of banana tree is useful to man. (a) any parts (b) most part (c) every part (d) all part (e) each parts 27. More and more people are becoming dependent on its nuclear families to provide them whatever support they require. (a) are becoming dependent on its are becoming dependent on their (b) (c) are become dependent on their have been becoming dependent on their (d) (e) are become dependent on its 28. French planes are more superior than Italian planes. (a) more superior than most superior than (b) superior than (c) (d) superior to more than superior (e) 29. A handful of pebble in the bottoms of a flowerpot will help drainage. handful of pebble in the bottoms (a) handfuls of pebbles at the bottom (b) (c) handful with pebbles in the bottom pebble of handful in the bottom (d) handful of pebbles in the bottom **30.** Mercury in the environment in its organic form can lead to health disastrous consequences. lead to health disastrous consequences (a) lead to disastrous health consequences (b) (c) led to disastrous health consequences (d) leading to health consequences disastrous lead to consequences health disastrous (e) VII. Directions: In the following questions, different parts of a sentence/passage have been jumbled. Choose the option that represents the best sequence to make the sentence/passage coherent and meaningful. Ignore punctuation marks. 31. P: This is only possible by means of a complete revolution in our thinking We have to get over the transitional period and become a modern, industrial state Q: We must spread scientific thinking on a massive scale R: S: Encourage people to give up superstitions and backward feudal ideas (a) SQPS (b) QPSR (c) SPQR (d) QPRS (e) QRPS **32.** P: They should also update their competence to guide their subordinates Q: New processes, machines, instruments, gauges, systems and gadgets This would be possible only if they keep in regular touch with R: Managers must lead by example; they should not be averse to giving a hand in manual work, if S: required (a) PSRQ (b) RPQS (c) SPRQ (d) SRPQ (e) PRSQ

33.	P: The most authentic aspect of the Indian democratic system is that it is based on a highly credi electoral process							d on a highly credible
	Q: This has allowed millions of Indians to feel empowered and in control of their own destiniesR: Most Indians, regardless of their economic status, retain faith in the electoral system and believe							
	that politicians and parties are ultimately accountable to them S: Which has ensured that political power remains in the hands of elected representatives of the people							resentatives of the
	(a) F	PRSQ	(b) RSPQ	(c) RPC	QS	(d) RQSP	(e) PSQR	
34.	P: Q: R: S:	They con But, mos	ned and almost ntain lots of die st importantly, t an half the peas	tary fibre they taste	and pro of the fi	tein eshness of wi	nter	
	(a) S	SPQR	(b) QRSP	(c) PSI	RQ	(d) RQSP	(e) PRSQ	
35.	P: Q: R: S:	Before the Hence, for India was	ne advent of mo or thousands of	odern indu years, per radise for	stry, the ople kep such so	ere were agric of pouring into ocieties becaus		tile land, hundreds of
	(a) F	PSQR	(b) RSQP	(c) QS	RP	(d) QSPR	(e) SPQR	
VIII.		e ctions: Ch stion.	oose a suitable	e one-wor	d subst	itute for the g	iven phrase from th	e options under each
36.	Som	eone who	has been admit	ted to men	nbershi	p in a scholarl	y field.	
	(a) S	Scholar	(b) Resea	archer	(c) A	cademician	(d) Savant	(e) Pollster
37.	The	belief that	arranging the h	ome or of	fice in a	a particular wa	ny will bring good or	bad luck.
	(a) E	Eugenics	(b) Anti	quary	(c) (Geomancy	(d) Soothsaying	(e) Astrology
38.	A co	ollector and	l student of pos	tage stamı	os.			
	(a) F	Philatelist	(b) Fired	rake	(c) L	unatic	(d) Freelancer	(e) Phillumenist
39.	The	science of	soil manageme	nt and cro	p produ	action.		
	(a) (Geology	(b) Philo	logy	(c) K	inesics	(d) Agronomy	(e) Gemology
40.	Payı	ment made	to a person in a	a position	of trust	to corrupt his	judgment.	
	(a) E	Enticement	(b) Snare	•	(c) E	pigram	(d) Fraud	(e) Bribe
IX.	Dire	ections: Ch	oose the option	that best	express	es the meanin	g of the given idiom	/phrase.
41.	The	group calle	ed a meeting to	finally cle	ear the d	air.		
	(a) Call off discussion (b) Offer a solution (c) Negotiate a bond (d) Decide the agenda (e) Dispel differences							
42.	The	dispute reg	garding the grar	nting of bo	nus to	workers came	to a head this week.	
	(a) Settled amicably (b) Took a better turn (c) Resulted in violence (d) Reached a crisis (e) Yielded better results							
43.	Неа	ılways adv	ises his brother	to keep hi	s nose o	clean.		
	(a) Stay out of trouble(c) Act smart			(b) Be polite(d) Update himself(e) Behave decently				

44.	The results of the poll have started coming in but our party chief will be <i>on tenterhooks</i> until the last result comes in.							
	(a) In high spir(c) In a state of(e) In a state of	agitated suspense	(b) In a depressed to (d) In an exalted st					
45.	She has been b	etrayed by her own flesh	and blood.					
	(a) Neighbors(c) Acquaintan	ces	(b) Close relatives(d) Colleagues	(e) Students				
Χ.	Directions: Rewhole.	place the number with	the word(s) that best	t fit(s) the meaning	of the passage as a			
India	n institutions p	orefer students to be	(46) listeners	s. Our education sy	stem, barring a few			
exce	ptions, encoura	ges a hierarchical relat	tionship between tea	cher and student.	The former controls			
knov	vledge and th	e latter is expected	to submissively	accept what is h	anded down. The			
argu	mentative India	an thrives despite the s	ystem. This may lo	ok like an / a	(47) because a			
comp	petitive politica	al democracy like India	should have facilita	ated an educational	system that is cool			
abou	t arguments an	d dissent. Or, is the	(48) in the e	ducation system a	reflection of a flaw			
in ou	ur democratic	culture? We have regu	ular elections and o	our political space	teems with parties			
subs	cribing to a	(49) of ideologic	es. But is this space	sufficiently democ	cratic so that people			
get t	he leaders they	deserve? A range of	identities such as f	amily, clan, caste,	religion influences			
our (choice of lead	ers more than their un	nderstanding of pub	olic policy. Beneat	th (50) of			
demo	ocracy, the old	social order, where ca	aste was privileged	over merit, has su	rvived, though in a			
weak	ker form.							
46.	(a) Talkative	(b) Contemplative	(c) Obedient	(d) Distracted	(e) Cursory			
47.	(a) Anomaly	(b) Amusement	(c) Enigma	(d) Cavalcade	(e) Catastrophe			
48.	(a) Vacuum	(b) Twist	(c) Lacuna	(d) Effect	(e) Triviality			
49.	(a) Cluster	(b) Rainbow	(c) Parade	(d) Horde	(e) Chain			
50.	(a) Trappings	(b) Futility	(c) Concoction	(d) Treatise	(e) Modality			

END OF SECTION I

Section II

Reading Comprehension

Directions: Each passage is followed by questions based on its content. Answer the questions on the basis of what is directly stated in each of the passages or can be inferred from it.

Passage I

There are millions of children in India, who cannot, for a variety of reasons, be protected by their parents and adult family. They maybe dead, or alcoholic, or violent and abusive, or in jail, or lost, or have abandoned their child. The parents may also be themselves destitute, homeless, gravely ill or disabled, and therefore unable to care for their children without support. The child, who has no home or settled place or abode and any ostensible means of subsistence maybe at risk in other ways as well: due to riots, natural disasters, war and militant conflict; disabilities and incurable terminal ailments, with no one who can support or look after the child; when a child is grossly abused or tortured; is inducted into drug abuse or trafficking; child marriage and child labor. In all such situations, it is the State, which is both morally and legally responsible to protect, nurture and raise each child.

However, at present, the State in India invests miniscule resources in child protection. India today is a youthful nation: 19 percent of the children in the world live within its boundaries, and more than one-third of the population is below 18 years. Accounting for the largest number of children in work, and the second largest number of children affected by HIV, India arguably has the highest number of children facing exploitation and neglect in the world. But the investment on child protection was a shocking 0.034 per cent of the budget.

Traditionally, public authorities have tried to accomplish their duty of protecting children who are at risk mainly by locking away large numbers of these children in State-run, closed institutions for many years until the child grows to adulthood, and soon after the child comes of age by abruptly discharging the child without any further support into the larger society. Private and religious charities also sometimes run orphanages for such children, but they are usually run on similar custodial principles of raising the child in confined and overly disciplined environments. For children who conflict with the law, there are statutory 'special homes' to which they are usually confined in conditions similar to jails. For many years, these children also shared adult jails, and many illegally continue to do so.

It is both absurd and heartless for children to be locked up only because they have no one to protect them. It is argued that this is done for the sake of the child: if the child was free in the community, the State would be unable to protect the child from abuse, and therefore she is locked up for her own good. This is quite illogical. The State must find ways to protect the child who is in need of care in ways that respect the child's right to a happy and free childhood, while at the same time ensuring her protection, and her rights to food, education, health care, recreation, love and security.

- **51.** According to the passage, 'special homes' are statutorily run for
 - (a) Children who are gravely ill or disabled
 - (b) Orphans and children affected by natural disasters and riots
 - (c) Children with incurable terminal ailments
 - (d) Destitute children and children who are addicted to drugs
 - (e) Juvenile delinquents
- 52. It is evident from the passage that all these institutions are devoid of
 - (a) Requisite facilities
 - (b) Minimum infrastructure
 - (c) Safety arrangements
 - (d) Love and affection
 - (e) Community interaction
- 53. It becomes an obligation for the State to take moral and legal responsibility in the case of children
 - (a) Who are badly abused
- (b) Whose parents are seriously ill
- (c) Who are orphaned or abandoned
- (d) Whose parents are destitute and homeless

(e) All the above

- 54. Pick out the statement, which is true.
 - (a) India accounts for the largest number of children engaged in work
 - (b) The author feels that it is quite reasonable to keep the neglected children in jails to ensure their safety
 - (c) Orphanages run by private charities do not enforce strict discipline on the inmates
 - (d) A huge amount in the Indian budget is reserved for child protection
 - (e) Compared to the rest of the countries in the world, India has the least number of children, who are affected by HIV
- 55. Pick out the word which is a close synonym of 'ostensible' as used in the passage.
 - (a) Apprehensive
- (b) Rigid
- (c) Contemptible
- (d) Apparent
- (e) Unreal
- 56. It may be inferred from the passage that it is the right of every child to have a/an
 - (a) Luxurious life
 - (b) Special identity in the society
 - (c) Individual status
 - (d) Happy and free childhood
 - (e) Free access to higher education
- 57. What have been the State authorities doing all these years?
 - (a) They have been strictly supervising the State-run homes and similar charitable organizations which give shelter to homeless children
 - (b) They have been keeping huge numbers of neglected children in State-run homes and would suddenly send them out into the society as soon as they become adults
 - (c) They have been trying to bring reformation in the minds of children who display socially unacceptable behavior
 - (d) They have been running schools with the prime motto of sending out young offenders as changed persons
 - (e) They have been providing state-of-the-art facilities in order to attract more such children to these homes
- **58.** What is the central theme of this passage?
 - (a) It recommends that State-run institutions should be run on the same lines and follow the model of religious charities
 - (b) It makes a comparative study about State-run homes and orphanages run by private organizations
 - (c) It draws conclusions on a study based on 'children's jails'
 - (d) It critically analyses the deplorable conditions in State-run homes
 - (e) It focuses on the child, who is in need of State support

Passage II

So said Wole Soyinka, the Nigerian Nobel Laureate, in his book of prison notes titled, *The Man Died*. Soyinka has lived a meaningful life. As a poet, dramatist, novelist, essayist and literary critic, his contribution to literature has been immense. Soyinka is more than a writer. An outspoken social critic, political activist and tireless crusader against tyranny, he is the conscience of Africa.

Born in a Yoruba family in Abeokuta, Soyinka is the inheritor of the best of two worlds. His family was Christian. In the book, *Ake: The Years of Childhood*, he recalls the influences of his Christian home. His father was a schoolmaster. In his well-stocked library, where young Wole spent hours, the foundation of a literary career was laid. But it was his grandfather who initiated young Soyinka into the rituals and religious beliefs of his people.

Soyinka's creative art is anchored in his culture. With all his pride in the culture of his people, Soyinka was no blind worshipper of Africa's past. This was startlingly proved by his play, *A Dance of the Forests*, written for the Independence celebrations of Nigeria in 1960. As sadistic and megalomaniac dictators emerged in independent African nations, Soyinka's moral fervour deepened. Soyinka has been severe also in his

^{&#}x27;Human life has meaning only to that degree and as long as it is lived in the service of humanity'.

criticism of his countrymen. His hilarious comedies and brilliant political satires like *Opera Wonyosi* have brought to light evils and signs of decadence in Nigerian society. In the midst of the violence and chaos that marked the history of independent Nigeria, Soyinka kept his sanity. His deep moral outrage, however, drove him to take enormous personal risks. Soyinka was arrested and held in solitary confinement for more than two years. Soyinka produced some of his best works in prison. After he was being released, he chose to go on voluntary exile for a long period. The bedrock of Soyinka's unwavering social commitment is his deep love for Africa. When he received the Nobel Prize for Literature in 1986, Soyinka held out the Prize in the direction of the African continent. This touching gesture was an acknowledgment of his belief that the Prize was an affirmation of African culture, literature and art that had long been trampled by the colonial powers.

In his Nobel Prize acceptance speech, Soyinka eloquently affirmed the African values. He called for the political will to dismantle all structures of racism and human inequality. The speech echoed his statement in *The Man Died*, 'For me justice is the prime condition of humanity.' It was in recognition of this passionate commitment that in 1994, UNESCO made Soyinka its Goodwill Ambassador for the promotion of African culture and human rights.

59.	Which of the following pairs have synonymous words?
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- (a) Commitment and Promotion
- (b) Inequality and Racism
- (c) Fervour and Independence
- (d) Gesture and Acknowledgment
- (e) Foundation and Bedrock
- **60.** Choose the statement that is true about Soyinka in the context of the passage.
 - (a) He is a strong supporter of Africa's glorious past
 - (b) He was kept in solitary confinement for more than a decade
 - (c) He is the nominated member of UNESCO
 - (d) He was expelled from his country for his rebellious nature
 - (e) He has lived a purposeful life
- **61.** According to the author's opinion, all the following words describe Soyinka except that he is a/the
 - (a) Frank social critic
- (b) Champion of human rights
- (c) Political activist
- (d) Megalomaniac
- (e) Conscience of Africa
- **62.** Which of the following words aptly substitutes the phrase 'a pathological egotist' as used in the passage?
 - (a) Critic
- (b) Megalomaniac
- (c) Ambassador
- (d) Dictator
- (e) Crusader

- 63. Pick out the synonym of 'hilarious' as used in the passage.
 - (a) Amusing
- (b) Deadly
- (c) Awful
- (d) Boisterous
- (e) Pleasing

- **64.** UNESCO made Soyinka its Goodwill Ambassador
 - (a) As a recognition for his unwavering social commitment
 - (b) In order to acknowledge his exemplary literary skills
 - (c) For promoting African culture and human rights
 - (d) To honor him for his patriotic fervor
 - (e) Because he propagated African culture, literature and art
- **65.** Soyinka's popular work, *Opera Wonyosi*, throws light on the
 - (a) Rich traditions and ritual practices of Nigerian society
 - (b) Evils and signs of decadence in Nigerian society
 - (c) Varied and rich cultural past of Nigeria
 - (d) Evils and structures of racism that existed in Nigeria
 - (e) Vibrant nature of African culture and human rights
- **66.** What is the passage about?
 - (a) It is a tribute on Wole Soyinka
- (b) It is a review of his literary works
- (c) It is his autobiography
- (d) It is about his life in prison
- (e) It is his Nobel Prize acceptance speech

Passage III

Forty years after man first set foot on the moon, the United States has dispatched two unmanned lunar spacecraft to earth's natural satellite to pave the way for humans to return there. The search for deposits of water is high on the agenda of the Lunar Reconnaissance Orbiter (LRO) and the Lunar Crater Observation and Sensing Satellite (LCROSS). India's Chandrayaan-1 probe, too, may well join the quest. 'Discovering water on the moon would be like finding a gold mine,' said U.S. space agency NASA in a recent press document. It estimates that getting a bottle of water to the moon would run to about \$50,000 at current launch costs. Therefore, the ability to extract water locally would be immensely useful if humans want to establish bases on the celestial body.

It is believed that water could have been brought to the moon by comets and meteorites that have crashed on its surface over billions of years. Likewise, hydrogen ions streaming out from the sun might have combined with oxygen from chemical compounds in the lunar soil and turned into water. The question is whether all this water has boiled off in the face of the moon's scorching daytime temperatures and its low gravitational hold.

In a paper published in 1961, three scientists at the California Institute of Technology, put forward the idea that water 'may well be present in appreciable quantities in shaded areas in the form of ice'. The paper appeared in the Journal of Geophysical Research around the same time President John F. Kennedy committed the U.S, to landing a man on the moon. Some thirty years later, two U.S. space probes that went to the moon, Clementine and Lunar Prospector, provided evidence that water might persist as patches of ice mixed with soil at the bottom of craters at the poles. Sunlight never reaches the bottom of some craters at the lunar poles, which therefore remain at temperatures far below the freezing point of water. So these would be ideal locations for trapping water ice on the moon. But the evidence has been disputed and scientists continue to argue vigorously about whether or not earth's nearest neighbour holds any water.

The LRO and the LCROSS were launched from Cape Canaveral in Florida. The two spacecraft, along with Chandrayaan-1, will undoubtedly throw a great deal of new light on the issue. Once the spacecraft is commissioned, a slew of instruments on it will look for signs of water ice and hydrogen in different ways.

The LCROSS and the spent upper stage of the Atlas rocket that launched the two spacecraft have swung past the moon for the first time. NASA plans to send the empty upper stage, weighing over 2,000 kg, hurtling into a crater near the lunar south pole at a speed of about 9,000 km per hour.

- **67.** How is the moon referred to in the passage?
 - I. A gold mine
 - II. A celestial body
 - III. Earth's natural satellite
 - IV. Earth's nearest neighbor
 - (a) (I) and (II) above (b) (II) and (III) above (c) (II) and (IV) above (d) (II), (III) and (IV) above
 - (e) All (I), (II), (III) and (IV) above
- **68.** Why is it necessary to extract water locally on the moon?
 - (a) To carry on further research
 - (b) It is highly expensive to carry a bottle of water to the moon
 - (c) It would be greatly useful to humans if they want to set up bases on the moon
 - (d) It will become easy for the astronauts to stay there for a longer time
 - (e) It reduces the burden of carrying water for the astronauts
- **69.** The main objective of sending the LRO and the LCROSS to the moon is to
 - (a) Pave the way for the humans to return from the moon
 - (b) Find out if sunlight ever reaches some craters at the lunar poles
 - (c) Carry on complete research about the moon
 - (d) Establish bases on the celestial body
 - (e) Search for deposits of water

- 70. In the phrase, 'slew of instruments', the word 'slew' means
 - (a) A large number

- (b) The assembled parts
- (c) The automated components
- (d) A restricted number

- (e) An assortment
- 71. It can be inferred from the passage that the moon's
 - (a) Upper crust contains hydrogen
 - (b) Daytime temperatures are very high
 - (c) Lunar soil can hardly hold water
 - (d) Surface is covered with ice
 - (e) Gravitational hold is very high
- 72. Choose the statement that is true in the context of the passage.
 - (a) Sunlight never reaches the surface of the moon
 - (b) Oxygen does not exist in any form on the moon
 - (c) It is not yet proved whether the moon holds any water or not
 - (d) The LRO and the LCROSS were launched in 1961
 - (e) There are gold mines on the moon
- **73.** What is the belief about the existence of water on the moon?
 - (a) It exists in the form of ice
 - (b) It is brought by comets and meteorites
 - (c) It is formed through chemical reaction
 - (d) It is present in considerable quantities in shaded areas
 - (e) All the above
- **74.** What is the apt title of the passage?
 - (a) Weather Conditions on the Moon
- (b) Searching for Water on the Moon
- (c) Moon A Gold Mine for Many
- (d) India's Chandrayaan-1 Mission
- (e) Man's First Steps on the Moon
- 75. What would be the best place for trapping the ice water on the moon?
 - (a) Near the poles

- (b) In shaded areas
- (c) From any part of the moon
- (d) Bottom of craters at the poles
- (e) Upper layers of the soil

Passage IV

'When were you in Morocco?' a globetrotter friend excitedly asked me. 'Never been there, I'm keen to visit it, though,' I sallied. 'This is Morocco,' he said emphatically, pointing to an image on the monitor. 'This is Punjab,' I countered. 'It's the Grand Mosque of Marakesh,' he stressed. 'It's the Moorish Mosque in Kapurthala,' I smiled. Our rebuttal session got a tad extended leaving my friend utterly flummoxed and I thought of bailing him out. 'You've been partially accurate all along. The mosque is a replica.' He was astounded. So are a host of others initially when they see the images of Kapurthala, an erstwhile royal province defined by its architectural grandeur. Their surprise springs not from the verity that a facsimile structure exists, but from the knowledge that it stands in Punjab!

The feisty agrarian land of Punjab has always been shy in boasting about its built heritage, instead letting its overenthusiastic bhangra and scrumptious tandoori chicken do most of the talking. Nonetheless, it does have stunning edifices dotting its landscape and is quite an indulgence for the history-digger. Amongst them all, Kapurthala is definitely the crowning glory. Its lineage dates back to founder, Jassa Singh Ahluwalia, an astute warrior, who played a pivotal role in crushing numerous invasions to become the first leader who consolidated large parts of Punjab. In a way, Jassa Singh laid the path for Punjab's most exceptional monarch, Maharaja Ranjit Singh, to establish an impregnable Sikh empire years later.

However, Kapurthala owes its structural legacy to Maharaja Jagatjit Singh. A widely-travelled royal, his voyages allowed him to see exceptional architecture and he chose the blueprint of some of the finest in the world to adorn his State with. That's how Kapurthala got the Moorish Mosque. Recreated by the French architect, Manteaux, on the pattern of the Koutoubia or Grand Mosque of Marakesh, Morocco's signature structure, it was erected in 1930 at a cost of `4 lakh. Far removed from the Indo-Islamic, marble-domed

mosques found around the country, it has instead a brick-work facade, no dome, a flat roofed entrance and, uniquely, a single cuboidal minaret.

What appealed instantly were the joyous colors that reflected a Mediterranean ambience. I was gripped by a rose pink wall meeting a lemon one round the corner, mustard-colored arches, glazed dark turquoise ridged tiles capping a hexagonal dome or the touch of green in its minaret. The intricate, brick-filigreed minaret is further adorned with a spire which is three copper balls in reducing size, signifying the traditional style of the Almohads, a dynasty that originated in 1121 A.D. with Ibn Tumart, a Berber tribe member of the Atlas Mountains; and by 1149 A.D., it had established its control over Marakesh. The Grand Mosque was built between 1184 and 1199 A.D. Centuries later, the Moorish Mosque in Punjab stood as a splendid link in the six degrees of separation from a passage of history that played out in distant Africa.

Today's Kapurthala has a reticent charm. In addition to this slice of Morocco, the town is dotted with other European replicas too. I observed a bit of France in the Jagatjit Palace, a close reproduction of the Palace of Versailles, that is now the Sainik School. A touch of Greece came across in the Jagatjit Club that's designed on the lines of the Acropolis. A bevy of places that completed the impressive line-up were the Indo-Saracenic Jhagar Singh War Memorial; Elysee Palace that's now MGN Public School; the Islamic-patterned former Durbar Hall which at present serves as the District Court; and the Randhir College that was set up in 1856 and named after a former ruler.

76.	Pick out the ar	ntonym of 'impre	gnable' as use	ed in the passage
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- (a) Vulnerable
- (b) Courageous
- (c) Senile
- (d) Strong
- (e) Safe

77. A host of author's friends were surprised to know

- (a) That the author visited Morocco and the Grand Mosque of Marakesh
- (b) That Kapurthala, an erstwhile royal province, has the Grand Mosque of Marakesh
- (c) That the Grand Mosque of Marakesh is a replica of the Moorish Mosque that stands in Kapurthala
- (d) That an exact copy of the Grand Mosque of Marakesh stands in Punjab
- (e) That Punjab is much more than bhangra and tandoori chicken
- **78.** The passage opens with a/an
 - (a) Reproach
- (b) Denigration
- (c) Refutation
- (d) Approval
- (e) Tiff

79. How did Kapurthala get the Moorish Mosque?

- (a) Jassa Singh Ahluwalia got it constructed on the lines of Elysee Palace
- (b) The French architect, Manteaux, built it as a replica of the Acropolis
- (c) Ibn Tumart, a Berber tribe member of the Atlas Mountains, constructed it as a close reproduction of the Palace of Versailles
- (d) Maharaja Ranjit Singh added a special charm to Kapurthala by building the Mosque as a fine representation of Indo-islamic culture
- (e) Maharaja Jagatjit Singh's admiration for the architectural wonders made him bring blueprints of some of the finest in the world to adorn the State with
- **80.** According to the author, Punjab is shy of boasting about
 - (a) Its rich cultural diversity
- (b) Its architectural marvels

(c) Its agrarian wealth

- (d) Its traditional bhangra dance
- (e) Its typical dish tandoori chicken

END OF SECTION II

Section III

Quantitative Aptitude

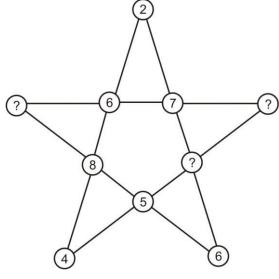
Directions: There are 30 questions in this section. Each question is followed by five alternatives (a), (b), (c), (d) and (e). You are required to choose the **best** alternative from these five alternatives.

(2+p)(3+q)(4+r)(5+s)?

If p, q, r and s are four positive integers such that pqrs = 1, what is the minimum value of

	(a) 1	(b) 12	(c) 120	(d) 240	(e) 360				
82.	such that, e	Anush has fifteen coins and five boxes labeled A, B, C, D and E. He drops coins into all the boxes such that, each box has at least one coin and no two boxes have the same number of coins. Later, he found that B contains more coins than E and C contains the least number of coins when compared to A and D.							
	If B contain	ns twice the nur	mber of coins in	E, then which of the	he following is nece	essarily true?			
	(c) A has a	n even number n odd number o nore coins than	of coins	(b) C has an odd n (d) A has an even					
83.				_		git number 'ccb', both , then the value of b is			
	(a) 0	(b) 1	(c) 2	(d) 5	(e) 6				
84.	•		•		• •	ch row contains three number of rows is not			
	(a) 3	(b) 4	(c) 5	(d) 6	(e) 7				
85.	100 kg. Th	e clerk weighs 118, 119, 120,	the boxes in pa	irs. The weights th	nus obtained are 10	n weighing less than 06, 109, 110, 112, 114, at is the weight of the			
	(a) 68 kg	(b) 67 kg	(c) 66 kg	(d) 65 kg	(e) 64 kg				
86.				ow many arithmetic t with 1 and end wi		at least 3 elements can			
	(a) 6	(b) 7	(c) 8	(d) 12	(e) 13				

87. A boy has some coins with some value on them. He arranges the coins in the form of a star as shown below such that the sums of the numbers in the four circles along any line segment of the star are all equal. What is the sum of the missing numbers?



(a) 10

(b) 12

(c) 13

(d) 14

(e) 15

88. A rectangular floor is fully covered with square tiles of identical size. The tiles on the edges are white and the tiles in the interiors are black. The number of white tiles is same as the number of black tiles. Which of the following can be the possible number of tiles along one edge of the floor?

(a) 10

(b) 12

(c) 14

(e) 18

89. When a two-digit number is divided by the sum of its digits, the quotient is 7 and the remainder is 6. If one of the digits of the number is three, then what is the difference of the digits?

(b) 3

(c) 4

(d) 5

90. The sum of four consecutive two-digit odd numbers, when divided by 10, becomes a perfect square. Which of the following can possibly be one of these four numbers?

(a) 21

(b) 25

(c) 41

(d) 67

(e) 73

91. A trader marks an article 4x% above the cost. He gives a discount of (x + 3)% and gets a profit of (2x + 3)%-3%. If he gives a discount of (2x/3)%, what would be his gain percent?

(a) 26.5%

(b) 42.6%

(c) 56.2%

(d) 60.4%

(e) 68.8%

92. An equilateral triangle BPC is drawn inside a square ABCD. What is the value of the angle APD?

(a) 75°

(c) 120°

(d) 135°

(e) 150°

93. There are two solid pyramids, each having 8 edges of length 8 cm each. These two pyramids are moulded to form a hexagonal pyramid with length of each side as 8 cm. What is the slant height of the new pyramid?

(a) $\frac{8}{3}\sqrt{\frac{35}{3}}$ units (b) $8\sqrt{\frac{35}{3}}$ units (c) $2\sqrt{\frac{35}{3}}$ units (d) $3\sqrt{35}$ units (e) $8\sqrt{35}$ units

94. There are 8 tasks and 8 persons. Task 1 cannot be assigned either to person 1 or to person 2 or to person 8; task 2 must be assigned to either person 3 or person 4 or person 5. Every person is to be assigned one task. In how many ways can the tasks be assigned?

(a) 3360

(b) 5040

(c) 6720

(d) 8640

(e) 20160

If $f(x,y) = 2x^2 + 3xy - 3y^2 + 3$, then what is the value of f(f(3, 2), f(-2, -1))?

(a) 1257

(b) 1527

(c) 1787

(d) 1997

(e) 2007

96.	When the digits of the number 14 are reversed, the number increases by 27. How many other two-digit numbers increase by 27 when their digits are reversed?					
	(a) 5	(b) 6	(c) 7	(d) 8	(e) 9	
97.					s respectively. Both pipes are opened. stern may be just filled in 20 minutes?	
		O minutes (b) At O minutes (d) At 5 minutes				
98.	Mr. Avinas	sh manufactures	and sells a single 1	product at a fixe	ed price in a niche market. The selling	
	where b an units increa from 40 to demand is	d c are some coases the daily profession of the daily	onstants. Avinash no roduction cost by 66 in an increase of on	ticed that double 6.66 percent. Ho ly 50 percent in sell as much as	of producing x units is $240 + bx + cx^2$, ing the daily production from 20 to 40 wever, an increase in daily production the daily production cost. Assume that he can produce. His objective is to ace daily?	
	(a) 70	(b) 100	(c) 130	(d) 150	(e) 180	
99.					points at which they intersect, form a non to both the circles?	
	(a) $2(\pi - 2)$	•	$2(\pi - 1) \text{ cm}^2$			
	(c) 2π cm ²		d) $(\pi - 2)$ cm ²			
100	(e) $(\pi - 1)$ (cm ²				
100.	What is the	number of disti	nct terms in the expa	ansion of $(x + y)$	$(z+z)^{25}$?	
404	(a) 25	(b) 50	(c) 125	(d) 325	(e) 351	
101.			A, B, C, D and E eanother as follows:	ch containing 1	200 litres of water. The water is being	
	From A to	B at 30 litres/mi	nute			
	From C to	A at 60 litres/mi	nute			
	From A to	E at 20 litres/mi	nute			
	From C to	D at 50 litres/mi	nute			
		B at 80 litres/mi				
		C at 60 litres/mi				
		D at 10 litres/mi				
		A at 10 litres/mi				
		gets emptied fi				
102.	(a) A	(b) B	(c) C	(d) D	(e) E	
102.					DE, DF and EF respectively such that agle ACB in degrees?	
400	(a) 140	(b) 70	(c) 100	(d) 110	(e) 120	
103.	individual both the pla	has to play exac	etly one game with and in 210 games, t	every other indi	en young boys and girls, wherein every vidual. It was found that in 66 games, Find the number of games in which one	
	(a) 210	(b) 222	(c) 252	(d) 276	(e) 290	
			Page	14 of 21		

104.	A slab of ice 8 inches in length, 11 inches in breadth and 2 inches thick was melted and resolidified into the form of a rod of 8 inches diameter. The length of such a rod, in inches, is nearest to							
	(a) 3.0	(b) 3.5	(c) 4.0	(d) 4.5	(e) 2.5			
105.					the the product of the digits of N and the ne given range for which $P + S = N$ is			
	(a) 81	(b) 49	(c) 29	(d) 16	(e) 9			
106.	them, respe	A dry fruit seller purchased 3 kinds of nuts at the rate of ` $100/kg$, ` $80/kg$ and ` $60/kg$. He then mixed them, respectively, in the ratio $3:4:5$ by weight and sold the same to a customer at 50% profit. The price at which he sold to the customer is						
	a. `110	(b) `90	(c) ` 70	(d) 115	(e) 120			
107.	If $S = (1 \times remainder of 1 \times remainder$		+ (3 × 3!) + + ($11 \times 11!$), then	(S + 5) when divided by 12! leaves a			
	(a) 0	(b) 1	(c) 4	(d) 6	(e) 7			
108.	Two positiv	e integers differ	by 5. The sum of th	eir reciprocals is	s 9/14. Then one of the numbers is:			
	(a) 3	(b) 2	(c) 1	(d) 4	(e) 6			
109.					dius r, such that PQR is an equilateral er of the quadrilateral PQSR?			
	(a) 4r	(b) $2r\sqrt{3}$	(c) $2r(1 + \sqrt{3})$	(d) $4r\sqrt{3}$	(e) $4r(1 + \sqrt{3})$			
110.	0. Ujakar and Keshab attempted to solve a quadratic equation. Ujakar made a mistake in writing down the constant term. He ended up with the roots (4, 3). Keshab made a mistake in writing down the coefficient of x. He got the roots as (3, 2). What will be the exact roots of the original quadratic equation?							
	(a) (6,1)	(b) $(-3, -4)$	(c) (4,3)	(d) $(-4, -3)$	(e) (5,–3)			
			END OF S	ECTION III				

Section IV

Data Adequacy and Data Interpretation

- **I.** Directions: Each question given below has a problem and two statements numbered (1) and (2) giving certain information. You have to decide if the information given in the statements is sufficient for answering the problem. Indicate your answer as:
 - a If the data in statement (1) alone is sufficient to answer the question;
 - b If the data in statement (2) alone is sufficient to answer the question;
 - c If the data in both the statements together are needed to answer the question;
 - d If either statement (1) alone or statement (2) alone is sufficient to answer the question;
 - e If neither statement (1) nor statement (2) suffices to answer the question.
- 111. A family consists of 6 members P, Q, R, S, T and U. How is P related to R?
 - Statement 1: U and T have two children R and S. Q is the spouse of R and P is the uncle of S
 - Statement 2: R and Q have a daughter S. S is married to U, who is the son of P and T
- **112.** Mahesh and Ramesh are studying in the same class. How many students are there in their class if the difference in their ranks is 8?
 - Statement 1: Mahesh has equal number of students, who are above as well as below, in terms of rank
 - Statement 2: The number of students above Ramesh's rank is equal to the number of students between Mahesh and Ramesh's ranks.
- **113.** A, B, C, D who are married to P, Q, R, S are sitting opposite to each other. No one is sitting in front of his or her spouse. Who is sitting opposite to B?
 - Statement 1: A and C are married to Q and S respectively and R is sitting opposite to the only person between B and D
 - Statement 2: C, B and P are sitting in corners. Q is sitting opposite to the only person between C and A
- 114. Akash purchased a pair of jeans. What is its marked price?
 - Statement 1: After giving a discount of 15% on marked price, the shopkeeper earns a profit of 10%
 - Statement 2: The shopkeeper gets every pair of jeans from the market outlet for `600
- **115.** The average weight of Abhi and Deeru is 40 kg. What is the average weight of Abhi, Banu, Chaitu and Deeru?
 - Statement 1: Average weight of Abhi, Banu and Chaitu is 45 kg
 - Statement 2: Average weight of Banu, Chaitu and Deeru is 40 kg
- 116. If 'x' is positive, is $\sqrt[4]{x} > \sqrt[3]{x}$?
 - Statement 1: 0.5 < x < 2
 - Statement 2: $12x^2 7x + 1 = 0$
- 117. Amar, Bakshi and Chetan together invest `24,000 in a business. What is the profit share of Bakshi?
 - Statement 1: The ratio of investments of Amar, Bakshi and Chetan is 4:6:9
 - Statement 2: Ratio of their profits is equal to the ratio of their investments
- 118. 'a' and 'b' are two natural numbers. Is 'b' a perfect square?
 - Statement 1: 'b' is divisible by $(a + 1)^2$
 - Statement 2: b < 100
- 119. a, b and c are three numbers selected from a set containing ten numbers 0 to 9. Is (a + b + c) a multiple of 9?
 - Statement 1: Three digit number abc is a multiple of 9
 - Statement 2: $(a \times b) + c$ is a multiple of 9

120. On a particular day, who came earlier, Anita or Vani?

Statement 1: Anita came not later than 2 PM on that day

Statement 2: Vani came not earlier than 1 PM on that day

121. A number is picked randomly from a given set of numbers. What is the probability that it is divisible by 3?

Statement 1: The set contains 10 consecutive integers

Statement 2: The first number of the set is divisible by 3

122. a, b and c are prime numbers. What is the value of $a \times b \times c$?

Statement 1: a + b + c = 12

Statement 2: 6300 is divisible by $a \times b \times c$ and 1890 is divisible by $b \times c$

123. A bag contains 15 balls of the same size. Each ball is of a single colour, white, red or blue. How many red balls are there in the bag?

Statement 1: The probability of drawing a red ball is the same as that of drawing a blue ball

Statement 2: The probability of randomly drawing a white ball from the bag is 20%

124. Is the polygon MNOPQRSTUVWXYZ regular?

Statement 1: MN + OP = QR + ST

Statement 2: $MN + OP + WX \neq OR + ST + YZ$

125. If a real estate agent received a commission of 10% of the selling price of a certain house, what was the selling price of the house?

Statement 1: The difference between the selling price and the real estate agent's commission is `630.000

Statement 2: The selling price is 350% of the original purchase price of `200,000

II. Directions: For the question numbers 126 to 130, a table and a pie graph are given. Study the data carefully and answer the following questions and choose the **best** answer from the five alternatives given below the question.

The following tables provide information regarding total marks and marks in individual subjects of five students. Maximum mark in each subject is 100 and passing mark is 40. All the students passed in each subject with integer value marks.

Students	Total marks
Aman	350
Alekhya	400
Deepak	384
Sowmya	430
Reshma	361

Students	Subjects							
Students	A	В	C	D	Е			
Aman								
Alekhya		60		90				
Deepak								
Sowmya		86	94		88			
Reshma	75	54			80			
Total	402	302		430				

Additional information:

- i. Aman secured three different square number scores in three subjects and equal non-square marks in D and E. In addition, he scored the highest in subject A.
- ii. Alekhya's highest score is 90 in subject D and she scored equal marks in C and E.
- iii. Deepak scored the highest number (> 95) in subject D which is 9 more than his score in subject A and his score in subject C is 14 more than his score in B. Except in A, remaining all scores are prime numbers.
- iv. Reshma scored 10 more marks in subject D than in subject C.

- **126.** What is Deepak's score in subject E? (a) 71 (b) 73 (c) 79 (d) 83 (e) 89 **127.** How many marks did Alekhya score in subject E? (a) 72 (b) 75 (c) 78 (d) 80 (e) 85 **128.** How many marks did Reshma secure in subject D? (b) 68 (c) 71 (a) 61(d)75(e) 81 **129.** What is the difference between the marks scored in subject A by Reshma and Deepak? (a) 10 (b) 13 (c) 18 (d) 20 (e) 21
- **130.** What is Aman's score in subject D?
 - (a) 60 (b) 68
- (c) 70
- (d) 78
- (e) 81
- **III.** Directions: For the question numbers 131 to 135, a bar graph is given. Study the graph carefully and answer the following questions and choose the **best** answer from the five alternatives given below the question.

The following tables provide the statistics of football matches played by 8 teams A, B, C, D, E, F, G and H at three cities, X, Y and Z in a period of 5 years.

	At city X								
S. No.	Team	Total matches	Matches Won	Matches Lost	Tie	Matches abandoned	Win %		
1	A	307	195	102	3	7	65		
2	В	155		58	2	5			
3	С	205	125	70	5	5			
4	D		110		0	0	68.75		
5	E	139	85	50	1	3			
6	F	135	80	40	5	10			
7	G	111		29		11	65		
8	Н	83		58	2	3	25		

At city Y							
S. No.	Team	Total matches	Matches Won	Matches Lost	Tie	Matches abandoned	Win %
1	A	102	69	30	1	2	69
2	В	82	44	36	0	2	
3	С		90			5	45
4	D	158		78	12	8	
5	Е		180	120		1	60
6	F	86		26	4	6	
7	G	163	80	78	2	3	50
8	Н	105		74	1		25

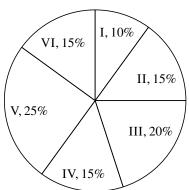
At city Z							
S. No.	Team	Total matches	Matches Won	Matches Lost	Tie	Matches abandoned	Win %
1	A	197	95	90	5	7	50
2	В	187		123	3	7	
3	С	161	40	117			25
4	D	126	50	74	1		
5	Е		80	116	4	4	40
6	F	102		54	1		45
7	G	152	45		1	2	
8	Н	92	18		1	2	

- **131.** At which city has team B the highest winning percentage?
 - (a) City X
- (b) City Y
- (c) City Z
- (d) At both City X and City Y

- (e) Cannot be determined
- **132.** What is the total number of matches abandoned at city Z?
 - (a) 24
- (b) 25
- (c) 26
- (d) 27
- (e) Cannot be determined
- 133. What is the approximate winning percentage of team A in all the matches they have played?
 - (a) 51%
- (b) 61%
- (c) 66%
- (d) 71%
- (e) 74%
- **134.** What is the approximate ratio of total number of matches won by eight teams in cities X and Y?
 - (a) 285: 199
- (b) 385: 299
- (c) 35:27
- (d) 42:25
- (e) 299: 265
- 135. Out of the total matches played by team E at city Y, it won 180 matches. In how many number of matches was E in a tie position?
 - (a) 4
- (b) 3
- (c) 2
- (d) 1
- (e) 0
- **IV.** Directions: For the question numbers 136 to 140, a graph is given. Study the graph carefully and answer the following questions and choose the **best** answer from the five alternatives given below the question.

In a company, there are 1200 employees working in six different departments. The table below gives the ratio of men and woman in each department and the pie chart describes the percentage distribution of employees in each department.

Department	Men to Women Ratio
I	3:2
II	4:1
III	2:3
IV	7:8
V	1:2
VI	5:4



- 136. What is the angle made by III department sector in the pie chart given?
 - (a) 24°
- (b) 30°
- (c) 45° (d) 54°
- (e) 72°

137.	In which depart	ment are the men	n maximu	ım?		
	(a) I	(b) II	(c) III	(d) V	(e) VI	
138.	What is the tota	l number of won	nen in de _l	partmei	nt II and III to	ogether?
	(a) 200	(b) 236	(c) 240	(d) 24	2	(e) 280
139.	If 100 men and	50 women join o	departmer	nt V, w	hat is the ratio	o of men and women
	(a) 1:1	(b) 1:2	(c) 2:1	(d) 3:	4	(e) 4:5
140.	What is the ratio	o of men in the d	lepartmen	t II to t	he women in	the department V?
	(a) 18:25	(b) 22:35	(c) 32 : 4	45	(d) 42:55	(e) 31:25
		[END	OF SE	ECTION IV	, , , , , , , , , , , , , , , , , , ,
		F	END OF	QUES	STION PAI	PER

Key for IBSAT 2017 - Model Paper-2

Verbal Ability				
S.No.	Key	S.No.	Key	
1	В	26	С	
2	В	27	В	
3	Α	28	D	
4	Е	29	Е	
5	C	30	В	
6	C	31	Е	
7	В	32	C	
8	Е	33	Е	
9	С	34	Α	
10	D	35	C	
11	В	36	D	
12	Α	37	С	
13	Е	38	Α	
14	D	39	D	
15	С	40	Е	
16	В	41	Е	
17	Α	42	D	
18	С	43	Α	
19	D	44	С	
20	D	45	В	
21	С	46	С	
22	С	47	Α	
23	С	48	С	
24	В	49	В	
25	Α	50	Α	

Reading Comprehension		
S.No.	Key	
51	Е	
52	D	
53	Е	
54	Α	
55	D	
56	D	
57	В	
58	E	
59	E	
60	E	
61	D	
62	В	
63	Α	
64	С	
65	В	
66	Α	
67	D	
68	С	
69	E	
70	Α	
71	В	
72	С	
73	E	
72 73 74	В	
75	D	
75 76	Α	
77	D	
78	С	
79	E	
80	В	

Quantitative Aptitude		
S.No.	Key	
81	Е	
82	В	
83	D	
84	D	
85	Е	
86	В	
87	В	
88	В	
89	D	
90	С	
91	D	
92	Е	
93	Α	
94	D	
95	Е	
96	Α	
97	В	
98	В	
99	Α	
100	Е	
101	С	
102	С	
103	С	
104	В	
105	E	
106	D	
107	С	
108	В	
109	С	
110	Α	
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Data Adequacy and Data			
	pretation		
S.No.	Key		
111	Α		
112	С		
113	С		
114	С		
115	С		
116	В		
117	E		
118	Е		
119	Α		
120	Е		
121	Α		
122	С		
123	С		
124	В		
125	D		
126	С		
127	Е		
128	Е		
129	В		
130	D		
131	А		
132	С		
133	В		
134	В		
135	E		
136	E		
137	В		
138	E		
139	E		
140	Α		