No: of Printed Page: 40

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OPENMAT-XLIV

Entrance Test for Management Programmes 2018 December, 2018

Total No. of Questions: 200

Time: 180 Minutes

- All questions are compulsory.
- Use of calculator is not allowed. Rough work may be done in the space provided at the end of the Test Booklet.
- The Test Booklet has the following four tests:

Test—I General Awareness

No. of Questions 30

Test—II English Language

No. of Questions 50

Test—III Quantitative Aptitude

No. of Questions 50

Test—IV Reasoning

No. of Questions 70

Read the instructions given on the OMR Response Sheet carefully before you start.

How to fill up the information on the OMR Response Sheet (Examination Answer Sheet)

- 1. Write your complete Enrolment No. in 9 digits. This should correspond to the enrolment number indicated by you on the OMR Response Sheet. Also write your correct name, address with pin code in the space provided. Put your signatures on the OMR Response Sheet with date. Ensure that the Invigilator in your examination hall also puts his signatures with date on the OMR Response Sheet at the space provided.
- 2. On the OMR Response Sheet student's particulars are to be filled in by pen. However use HB pencil for writing the Enrolment No. and Examination Centre Code as well as for blackening the circle bearing the correct answer number against the serial number of the question.
- 3. Do not make any stray remarks on this sheet.
- 4. Write correct information in numerical digits in Enrolment No. and Examination Centre Code Columns. The corresponding circle should be dark enough and should be filled in completely.
- 5. Each question is followed by four probable answers which are numbered 1, 2, 3 and 4. You should select and show only one answer to each question considered by you as the most appropriate or the correct answer. Select the most appropriate answer. Then by using HB pencil, blacken the circle bearing the correct answer number against the serial number of the question. If you find that answer to any question is none of the four alternatives given under the question, you should darken the circle with '0'.
- 6. If you wish to change your answer, ERASE completely the already darkened circle by using a good quality eraser and then blacken the circle bearing your revised answer number. If incorrect answer is not erased completely, smudges will be left on the erased circle and the question will be read as having two answers and will be ignored for giving any credit.
- 7. No credit will be given if more than one answer is given for one question. Therefore, you should select the most appropriate answer.
- 8. You should not spend too much time on any one question. If you find any particular question difficult, leave it and go to the next. If you have time left after answering all the questions, you may go back to the unanswered ones.
- 9. There is no negative marking for wrong answers.

GENERAL INSTRUCTIONS

- 1. No cell phones, calculators, books, slide-rules, notebooks or written notes, etc. will be allowed inside the examination hall.
 - 2. You should follow the instructions given by the Centre Superintendent and by the Invigilator at the examination venue. If you violate the instructions, you will be disqualified.
 - 3. Any candidate found copying or receiving or giving assistance in the examination will be disqualified.
 - 4. The Test Booklet and the OMR Response Sheet (Answer Sheet) would be supplied to you by the Invigilators. After the examination is over, you should hand over the OMR Response Sheet to the Invigilator before leaving the examination hall. Any candidate who does not return the OMR Response Sheet will be disqualified and the University may take further action against him/her.
 - 5. All rough work is to be done on the test booklet itself and not on any other paper. Scrap paper is not permitted. For arriving at answers you may work in the margins, make some markings or underline in the test booklet itself.
 - 6. The University reserves the right to cancel scores of any candidate who impersonates or uses/adopts other malpractices or uses any unfair means. The examination is conducted under uniform conditions. The University would also follow a procedure to verify the validity of scores of all examinees uniformly. If there is substantial indication that your performance is not genuine, the University may cancel your score.
- 7. In the event of your qualifying the Entrance Test, the hall ticket should be enclosed with your admission form (on-line at the time of registration) while submitting it to the University for seeking admission in Management Programmes along with your testimonials and programme fee. Admission forms received without hall ticket in original will be summarily rejected.

TEST I

GENERAL AWARENESS

1.	. Peak Mount Kamet of Himalaya is located in which state?			
	(1)	J & K	(2)	Himachal Pradesh
	(3)	Uttarakhand	(4)	Sikkim
2.	Wild	Ass sanctuary is located in whi	ch st	ate?
	(1)	J & K	(2)	Rajasthan
	(3)	Gujarat	(4)	None of these
3.	Ibn I	Batuta visited India during who	se rei	ign?
	(1)	Mohammad-bin-Tughlaq	(2)	Ibrahim Lodi
	(3)	Shershah Suri	(4)	Shahjahan
4.	Whe	re was the Headquarter/Capita	l of F	rench East India Company ?
	(1)	Goa	(2)	Madras
	(3)	Hugli	(4)	Surat
5.	Wha	at is the Indian name of constell	ation	s Ursa Major (Great Bear) ?
	(1)	Mriga	(2)	Saptarishi
•	(3)	Kaleya	(4)	Dhruva Matsya
6.	Firs	t Olympiad started in Greece in	:	
	(1)	767 B. C.	(2)	776 B. C.
	(3)	677 B. C.	(4)	676 B. C.
7.	A Ju	idge of the High Court can hold	office	e until the age of:
	(1)	60 years	(2)	62 years
	(3)	65 years	(4)	70 years
8.	Win	g Commander of Indian Air For	ce is	equivalent of which Army rank?
	(1)	Brigadier	(2)	Lt. Colonel
	(3)	Major	(4)	Colonel

(4)

OPENMAT/XLIV/Dec., 2018

9.		at is the name of the Manistry?	assive Open	Online Course (MOOC) platform of HRI
	(1)	Swayam	(2)	Khudse
	(3)	Sarva Siksha	(4)	None of these
10.	Wh	ich Indian State city has l	ecame the	first "Kerosene free State" ?
	(1)	Delhi	(2)	Surat
	(3)	Mumbai	(4)	Chandigarh
11.	In v	vhich country Indian Govt	. organized	1st Yoga Championship?
	(1)	France	(2)	Germany
	(3)	U. S. A.	(4)	Egypt
12.	Wh	ich is the 1st country of th	e world to p	out a ban on Deforestation ?
	(1)	Somalia	(2)	Kiribati
	(3)	Turkey	(4)	Norway
13.	Who	o among the following hea	ded the 7th	Pay Commission?
	(1)	A. K. Mathur	(2)	Vivek Rae
	(3)	Ratin Roy	(4)	Meena Agarwal
14.	In w	hich city of India's first W	ater Metro	Project that was recently launched?
•	(1)	Kochi	(2)	Kolkata
	(3)	Hyderabad	(4)	Chennai
15.		en is Constitution Day stitution?	celebrated	in India to spread awareness about
	(1)	30th November	(2)	25th November
	(3)	26th November	(4)	28th November
16.	Dail	ong Village has been decla	ared as a bio	odiversity heritage site, is in which state?
	(1)	Assam	(2)	Uttarakhand
	(3)	Sikkim	(4)	Manipur

17.	Whi	ch country has decided to pull of	ut oi i	rans Chinate agreement:			
	(1)	Russia	(2)	U.S.			
	(3)	China	(4)	North Korea			
18.	Nuc	lear Capable Prithvi-II missile l	nas be	en developed by :			
	(1)	DRDO and ISRO	(2)	DRDO and Bharat Dynamics			
	(3)	ISRO and BEL	(4)	Bharat Dynamics and BE			
19.	Wor	ld Environment Day is celebrat	ed on	which Day?			
	(1)	3rd June	(2)	5th June			
	(3)	5th July	(4)	3rd July			
20.	Whi	ich of the following is the officia	l lang	uage in Argentina ?			
	(1)	Portuguese	(2)	French			
	(3)	Spanish	(4)	Dutch			
21.		dispute over Shatt-al-Arab reg lern world history? Arab-Israeli conflict Russo-Persian war	(2) (4)	ave way to which of the following wars in Iran-Iraq war Gulf war			
22.	Wh	.*		nationalisation of Imperial Bank of India			
	(1)	Oudh Commercial Bank	(2)	Punjab National Bank			
	(3)	Bank of India	(4)	State Bank of India			
23.	Which of the following is not a pillar of Basel III?						
	(1)	Minimum Capital standards	(2)	Supervisory review			
	(3)	Market discipline	(4)	Consolidation of assets			
24.		o among the following has been ard for Social Justice?	hono	red with the 2017 Mother Teresa Memorial			
	(1)	Nicole Kidman	(2)	Emma Watson			
	(3)	Angelina Jolie	(4)	Priyanka Chopra			
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OPENMAT/XLIV/Dec., 2018

25		ne joint naval exercise 'Se rce of which country?	ea Breeze' wa	s held between India Navy with the naval
	(1)	Saudi Arabia	(2)	Turkey
	(3)	Iraq	(4)	Oman
26.	. WI sai	ho among the following lilor in the world for sailling	has broken a ng solo aroun	all the past records to become the fastest d the world?
	(1)	Francois Gabart	(2)	Thomas Loville
	(3)	Francis Joyon	(4)	Robin Lee Graham
27.	Th	ne 3rd edition of Raisina I	Dialogue, 201	8 was held in which city ?
	(1)	Mumbai		•
	(2)	Gandhinagar		
	(3)	New Delhi		
	(4)	Jaipur		
28.	Wh	o has been elected as the	new Preside:	nt of Sahitya Academy ?
	(1)	Chandra Shekhar Kam		
	(2)	Madhav Koushik		
	(3)	Pratibha Roy		
	(4)	Manoj Das	, . •	
- ()\				
29.	The	Bansagar dam is built or	n which river	in Madhya Pradesh?
	(1)	Narmada river		
	(2)	Chambal river		·
	(3)	Tapti river	•	•
	(4)	Son river		
30.	Whi	ch Indian shuttler has	won the 20	018 Swedish Open Junior International
	Seri			
	(1)	Parupalli Kashyap		
	(2)	B. Sai Praneeth		
	(3)	Kidambi Srikanth		
	(4)	Siddhartha Pratap Sing	h ·	

TEST II

ENGLISH LANGUAGE

Directions for Question Number 31 to 45: Read the following passages and answer the questions below them.

Passage I

Read the following passage and answer the questions below it:

Ideas about instanity have varied greatly during different periods of human history.

Scholars have speculated that early humans believed in prehistory that the voices characteristically heard by schizophrenics came from gods or spirits. One scholar even suggested that the first human being to have an identifiable thought experienced it as an internal voice and was terrified by it, and that the human brain evolved as bicameral in order to control such "voices". If so, the voices in schizophrenia might be a throwback to an earlier stage of humanity.

The ancient Greeks generally believed that mental illness was caused when angry gods took people's minds away, but, Hippocrates and his followers held that mental disorders, like physical disorders, had natural causes; and Plato thought of intanity as an imbalance where one part of the mind dominates the others.

The Middle Ages abandoned the naturalistic approach substituting instead demonic possession, so exorcists were hired to drive out demons. Insane people were sometimes confined on a ship ("ship of fools") which sailed from port to port, taking on food and water but never allowing its human cargo to disembark.

During the fifteenth century, belief intensified in demonic possession and witch hunts began. Persecution of witchcraft did not end until the eighteenth century, and throughout this period many mentally ill people were treated as witches. However, one historically famous institution for mental patients, Bethlehem Royal Hospital in London, was established in the sixteenth century; actually, it had been founded much earlier as a religious organization and had housed a few mental patients then. Bethlehem Hospital—whose name is the origin of the term bedlam—had more patients than it could handle, though, and simply released many of them to wander as beggars.

Serious concern for the mentally ill developed in the eighteenth century, as fervor against witchcraft diminished and the concept of natural causes of disease took hold. An important figure was the French physician Philippe Pinel (1745—1826), who became

head of the Bicêtre Hospital for the Insane in Paris. Patients at Bicêtre had been kept chained, but Pinel insisted on unchanging many of them, with dramatically therapeutic results.

In the nineteenth century, approaches to mental illness were mixed. Some Philadelphians, for example, paid admission to mental hospitals, where they gawked at mental patients in chains and prided themselves on their own normality. More enlightened treatment was provided by the Society of Friends, who saw God (not Satan) in the insane. Early in the century, Quaker institutions practiced "moral treatment", allowing patients to roam the grounds freely and work in gardens. This moral treatment also included trying to create a homelike atmosphere for patients while isolating them from the conditions that were thought to have brought on their insanity, such as marital and financial problems.

In the twentieth century, treatments based on modern psychiatry have been developed; there has also been a new emphasis on patients' rights, and on the molecular-biological-chemical causes of insanity.

31. The title of the passage could be:

- (1). Insanity: An unwanted disease
- (2) Ancient approaches to treating insanity
- (3) Cause and effect of treating insanity
 - (4) Looking at instanity through the ages

32. The primary focus of the passage is:

- (1) Differential treatment of the insane
- (2) A historical overview of treating the insane
- (3) The inhuman treatment of the insane
- (4) Cause and effect of insanity

33. All the ideas are mentioned in the passage except one:

- (1) During the middle ages the mentally sick sometimes spent their entire life on the sea
- (2) In the nineteenth century, some people treated insanity as a form of entertainment
- (3) Ancient people were terrified of their thoughts
- (4) Insanity was a defence mechanism against marital and financial stress

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- 34. The phrase "dramatically therapeutic results" suggests:
 - (1) the treatment improved suddenly
 - (2) there was considerable improvement in patients
 - (3) Dr. Pinel followed a good therapy
 - (4) the therapy worked miraculously
- 35. From the tone of the passage we can infer that the author is of the view that:
 - (1) there is no understanding of the mentally sick
 - (2) the mentally sick were ill-treated through the ages
 - (3) mental sickness can never be totally understood
 - (4) understanding and treatment of mental sickness is evolving
- 36. The Quaker institutions were "morally right" in comparison to others because they:
 - (1) treated patients in a relatively free and stress-free environment
 - (2) felt that God not devil possessed the insane
 - (3) gave rights to the mentally sick
 - (4) viewed insanity as a moral problem
- 37. The style of the passage is:
 - (1) Persuasive

(2) Argumentative

(3) Creative

- (4) Factual
- 38. The line most likely to follow this passage is:
 - (1) The twentieth century approach to patients' rights initially came about as an alternative to commitment in a mental institution
 - (2) In the 1960s and 1970s, views clashed about mental patients
 - (3) On the other side, many psychiatrists agreed that psychiatry was benevolent
 - (4) Other factors also contributed to deinstitutionalization

Passage II

Read the passage given below and answer the questions that follow:

The Potentially harmful effects of loneliness and social isolation on health and longevity, especially among older adults, are well established. For example, in 2013 it was reported after research that loneliness can impair health by raising levels of stress hormones and inflammation, which in turn can increase the risk of heart disease, arthritis, Type 2 diabetes, dementia and even suicide attempts.

Among older people who reported they felt left out, isolated or lacked companionship, the ability to perform daily activities like bathing, grooming and preparing meals declined and deaths increased over a six-year study period relative to people who reported none of these feelings.

Writing for *The New York Times'* department *The Upshot* last December, Dr. Dhruv Khullar, a physician and researcher at Weill Cornell Medicine in New York, cited evidence for disrupted sleep, abnormal immune responses and accelerated cognitive decline among socially isolated individuals, which he called "a growing epidemic".

As research moves forward on these topics, scientists are gaining a more refined understanding of the effects of loneliness and isolation on health. They are also looking into factors such as who is likely to be most seriously affected, and what kinds of interventions may reduce the associated riks.

There are some surprising findings. First, though equivalent in risk, loneliness and social isolation don't necessarily go hand-in-hand, Julianne Holt-Lunstad and Timothy B. Smith, psychologist-researchers at Brigham Young University, have ponited out.

"Social isolation denotes few social connections or interactions, whereas loneliness involves the subjective perception of isolation—the discrepancy between one's desired and actually level of social connection", they wrote in the journal *Heart* last year.

In other words, people can be socially isolated and not feel lonely; they simply prefer a more hermetic existence. Likewise, people can feel lonely even when surrounded by lots of people, especially if the relationships are not emotionally rewarding. In fact, Dr. Carla Perissinotto and colleagues at the Uniersity of California at San Francisco reported in 2012 that most lonely individuals are married, live with others and are not clinically depressed.

"Being unmarried is a significant risk", Holt-Lunstad said, "but not all marriages are happy ones. We have to consider the quality of relationships, not simply their existence or quantity".

As Dr. Nancy J. Donovan, a geriatric psychiatrist and researcher in neurology at Brigham and Women's Hospital in Boston, said in an interview, "There is a correlation between loneliness and social interaction, but not in everyone. It may be simplistic to suggest to people who are lonely that they should try to interact more with others."

Perhaps equally surprising is the finding that older adults are not necessarily the loneliest among us. Although most studies of the effects of loneliness have looked only at older people, Dr. Holt-Lunstad, who with colleagues has analysed 70 studies

encompassing 3.4 million people, said that the prevalence of loneliness peaks in the adolescents and young adults, then also in the old.

According to Lousie Hawkley, senior research scientist at the National Opinion Research Center at the University of Chicago, "If anything, the intensity of loneliness decreases from young adulthood through middle age and doesn't become intense again until the oldest old age." Only 30 per cent of older adults feel lonely fairly often, according to data from the National Social Life, Health and Aging Project.

- 39. The primary focus of the article is:
 - (1) to discuss the role of loneliness and social isolation in old age
 - (2) understanding loneliness in society and advantage of the control of the contr
 - (3) to understand the difference between social interaction and loneliness.
 - (4) to combat loneliness
- 40. According to the passage loneliness is most acute:
 - (1) among young adults
- (2) amongst children

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(3) in middle age

- (4) among the old
- 41. All the ideas are mentioned in the passage except one:
 - (1) loneliness effects the health of older people
 - (2) scientists are looking for ways to reduce the stress of loneliness
 - (3) loneliness may have a pathological effect on the brain
 - (4) most lonely people are married and are not clinically depressed
- 42. The phrase "they simply prefer a more hermetic existence" means:
 - (1) prefer to live a sparse life
- (2) prefer to live a godly life
- (3) prefer to be isolated
- (4) prefer to abandon civilization
- 43. The phrase "loneliness and social isolation don't necessarily go hand-in-hand" suggests in the light of the passage:
 - (1) that people may be perfectly happy even if not interacting with others
 - (2) people who are surrounded by other people are always happier
 - (3) married people are happier
 - (4) we are lonely when other people perceive us as isolated

44.	The appropriate	title of this	passage	should be	:
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- (1) Loneliness through the ages
- (2) Loneliness and old age
- (3) Lonely people are not always alone
- (4) Loneliness and its effect on health

45. The line most likely to follow the passage is:

- (1) Equally intriguing is a recent finding suggesting that loneliness may be a preclinical sign for Alzheimer's disease.
- (2) In this study, loneliness was not associated with the extent of people's social network or social activity or even with their socio-economic status.
- (3) "We have found stronger risks for those under 65 then for those over 65", Holt-Lunstad said.
- (4) Suggestions for lonely or socially isolated adults have included taking a class, getting a dog, doing volunteer work and joining a senior centre.

Directions for Question Numbers 46 to 50: Each of these questions consists of a word in capital letters followed by four alternative words or phrases. From among the alternatives, choose the word/phrase most nearly similar in meaning to the word in capital letters in each case:

46. PLAUDITS (1) (2)suggestions fits of anger (3) (4) praise arguments 47. RAVAGE (1) destroy (2)break (3)(4) abolish demolish SAPIENT (1) foolish (2)sacred (3)(4)wise sallow WALLOW 49. (2)(1) indulge cringe (3)ambish coax

(3) lucid

TURPITUDE

(1) in action

50.

(2)

(4)

temporary

depravity

Directions for Question Numbers 51 to 55: Each of these questions consists of a word is capital letters followed by four alternative words or phrases. From among the alternatives, choose the word/phrase most nearly opposite in meaning to the word in capital letters in each case:

51. VIRILE

- (1) effeminate
- (2) synthetic
- (3) malignant
- (4) robust

52. DEMUR

- (1) concur
- (2) disagree
- (3) dissipate
- (4) consume

53. BIAS

- (1) unfairness
- (2) subjective
- (3) absoluteness
- (4) objectivity

54. ABORTIVE

- (1) successful
- (2) defeated
- (3) unfruitful
- (4) fixed

55. FOOLHARDY

- (1) quick
- (2) sensative
- (3) futile
- (4) wise

100		ns for Question Numbers 56 to 60 : Chees each sentence :	oose the word o	r phrase that best
56.		er working for the foreign office, ordinary cle	origal work gooms	od nothou
00.			ericai work seeme	a rather
	(1)	exciting		
	(2)	heavenly		
	(3)	fascinating		
	(4)	mundane		entra de la composition della
57.		job is so enjoyable and generously paid t motion elsewhere.	that I have little	to look for
	(1)	incitement		
	(2)	influence		
	(3)	incentive		
	(4)	instigation		
58.	As : (1) (2) (3) (4)	a President, his views are treated wind prior previous late former	th respect when	he is interviewed.
59.	His	jokes seemed to very well with his	s audience, if the	r laughter was any
	indi	cation.		
	(1)	go off		
	(2)	go down		
	(3)	go along		
	(4)	go by	•	
60.		ink my fear of spiders must from a h	orror film which	I saw as a child.
	(1)	stem		
	(2)	rise		
	(3)	start		
	(4)	begin		

Directions for Question Numbers 61 to 65: Identify that part of the sentence which is incorrect:

- 61. (1) The Government of India (2) has provided a lot of money (3) of the education (4) of backward communities.
- 62. (1) Most of the children (2) in the school I taught (3) some years ago (4) are coming from very backward families.
- 63. (1) If you look (2) at the map of the world (3) you find that hot deserts (4) are always almost on the western margins of land masses.
- 64. (1) The incidence of malaria (2) the number of people effected by the disease (3) depends on the number of (4) mosquitoes infected.
- 65. (1) Human beings has always tried to (2) suppress weeds (3) and to prevent their propagation (4) and to eliminate harmful animals.

Directions for Question Numbers 66 to 68: Fill in the blanks with the correct options:

66.	You won't be allowed into the cl	ub	you wear	a suit and tie.
	(1)			

- (1) if
- (2) unless
- (3) whether
- (4) apart
- 67. different cuisines from all over the world in Delhi.
 - (1) There are a lot of
 - (2) There's loads of
 - (3) There's much
 - (4) There is a lots of
- 68. How many times not to do that?
 - (1) haven't I told you
 - (2) have I told
 - (3) I told you
 - (4) have I told you

- 2: Directions for Question Numbers 69 and 70 : Each question has a group of sentences marked A, B, C, D and E. Arrrange these to form a logical sequence:
 - 69. (A) That means, not many companies, individuals or housewives are in any hurry to reinstate the budget they cut during slowdown.
 - (B) Corporate boardrooms to kitchen cabinets, a 'New Normal' rules the roost.
- (C) Though slowdown is last year's story, a majority find comfort in this new regime and intend to stay with it.
 - (D) Downturn taught enterprises and families alike to do more with less.
 - (E) For, the cut did not hamper the quality of life or productivity at work.

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- seneral (1) BDCAE, seneral for the training and the seneral for the seneral formation and the se
 - (2) AEBDC
- (3) EDCAB (4) BADEC
 - 70. (A) A compromise agreement may be reached
 - (B) However, sometimes one of the sides decides to take industrial action.
 - (C) Where there is disagreement, bargaining or negotiating will take place.
 - (D) The management can 'lock out' the employees and prevent them from coming to work, which used to be quite common, but is rarely used today.
 - (E) Where this is not possible, the sides can go to arbitration and bring in a third party from outside to say what they think should happen.
 - (1) **EBDCA**
 - (2)BDCAE
 - (3)CAEBD
 - (4) DACBE

Directions for Question Numbers 71 to 75: In all these questions, either a part or whole of the sentence is underlined. The sentence is followed by four ways of writing the underlined part. Select the alternative which represents the correct way of writing the underlined part as per Standard English:

STATES OF BOTH STATES SAME OF THE SAME OF THE

- 71. After viewing both movies, John agreed that the first one was the best of the two.
 - (1)John agreed that the first was the best of the two.
 - (2)John agreed that the first one was the better of the two.
 - (3)John agreed that of the two the better was the first.
 - (4)John agreed that the best of the two was the first.

- 72. She seldom ever wants to try and face the true facts.
 - (1) seldom ever wants to try and face the facts.
 - (2) seldom ever wants to try to face the facts.
 - (3) seldom wants to try and face the facts.
 - (4) seldom wants to try to face the facts.
- 73. Ritu wanted to have gone to the movies.
 - (1) had wanted to have gone
 - (2) wanted to go
 - (3) wanted to have went
 - (4) had wanted to have went
- 74. Since we are living in India for ten years, we are reluctant to move to another country.
 - (1) Being that we are living
 - (2) Being that we have been living
 - (3) Since we have been living
 - (4) Since we were living
- 75. Fame as well as fortune were his goals in life.
 - (1) Fame as well as fortune was his goals
 - (2) Fame as well as fortune was his goal
 - (3) Fame and fortune were his goals
 - (4) Fame also fortune were his goals

Directions for Question Numbers 76 to 80: Each of these questions consists of an idiom, followed by four alternative words or phrases. Select the word or phrase which gives the correct meaning of the idiom:

- 76. Keep your shirt on:
 - (1) have courage
 - (2) don't lose your temper
 - (3) don't show off
 - (4) don't lose hope

77. A sight for sore eyes:

- (1) very pleased to see someone
- (2) eyes swollen because of a quarrel
- (3) swollen eyes due to sleeplessness
- (4) really unhappy to see someone

78. A close shave:

- (1) a lucky escape
- (2) a difficult task
- (3) . a well guarded secret
- (4) to abandon a task

79. To take up the Gauntlet:

- (1) to accept defeat
- (2) to accept a challenge
- (3) to accept the honour
- (4) to seriously take up the issue

80. To play ducks and drakes:

- (1) to squander money recklessly
- (2) to do hard work
- (3) to be sly
- (4) to fight with people

TEST III

QAUANTITATIVE APTITUDE

		·		
81.	The	average of 8 numbers is 21. I	f eac	h of the numbers is multiplied by 8, the
		age of the new set of numbers is		
	(1)	8	(2)	21
	(3)	29	(4)	168
82.	The	aveage of odd numbers upto 100		
	(1)	51	(2)	50
	(3)	49.5	(4)	49
83.				e first five months is ₹ 120 and for the next 0 in that year, his monthly average income
	(1)	₹ 140	(2)	₹ 150
	(3)	₹ 160	(4)	₹ 170
84.85.	boy (1) (3) Lax	aged 18 years is replaced by a n 14 years 8 months 16 years 4 months man has to cover a distance of	(2) (4)	15 years 17 years 10 months in 45 minutes. If he covers one half of the
			l be h	is speed to cover the remaining distance in
	the	remaining time?		
	(1)	12 km/hr.	(2)	16 km/hr.
	(3)	3 km/hr.	(4)	8 km/hr.
86.	A s	peed of 30.6 km/hr. is the same	as:	
	(1)	5.1 m/sec	(2)	8.5 m/sec
	(3)	110.16 m/sec	(4)	1.7 m/sec
87.	cove dist	er a certain distance is 36 min cance is:	nutes	of A and B is 2:3. If the time taken by B to, the time taken by A to cover that much
	(1)	24 min.	(2)	54 min.
	(3)	48 min.	(4)	21.6 min.

88.		length of a rectangle is dou entage change in area?	bled v	while its breadth is halved. What is the		
	(1)	50	(2)	75		
	(3)	No change	(4)	65		
89.		cost of carpeting a room 15 m metre is ₹ 36. The breadth of th		long with a carpet 75 cm wide at 30 paise m is:		
	(1)	6 metres	(2)	8 metres		
	(3)	9 metres	(4)	12 metres		
90.	The	area of an equilateral triangle	whose	e side is 8 cm is:		
	(1)	64 sq. cm	(2)	21.3 sq. cm		
	(3)	$4\sqrt{3}$ sq. cm	(4)	$16\sqrt{3}$ sq. cm		
91.	999	8 × 999 = ?				
	(1)	9997001	(2)	9988002		
	(3)	9987012	(4)	9898012		
92.	(1 -	$-\frac{1}{3}\bigg)\bigg(1-\frac{1}{4}\bigg)\bigg(1-\frac{1}{5}\bigg)\bigg(1-\frac{1}{n}\bigg)$	=?			
	(1)	$\frac{1}{n}$	(2)	$\frac{2}{n}$		
**	(3)	$\frac{2(n-1)}{n}$	(4)	$\frac{2}{n(n+1)}$		
93.	Wh	at least number must be added	to 10	56 to get a number exactly divisible by 23?		
		21		25		
	(3)	3	(4)	2		
94.	A number is as much greater than 31 as is less than 55. The number is:					
	(1)	47	(2)	52		
	(3)	39	(4)	43		
9 5.		sum of squares of two numbers is		80 and the square of their difference is 36		
	(1)	22	(2)	44		
	(3)	58	(4)	116		

96.	If th	If the two digits of the age of Mr. Manoj are reversed, then the new age so obtained					
	is th	is the age of his wife. $\frac{1}{11}$ of the sum of their ages is equal to the difference between					
		r ages. If Mr. Manoj is elder th	nan h	nis wife, then find the difference between			
	(1)	Cannot be determined	(2)	10 years			
	(3)	8 years	(4)	9 years			
97.	13.0	$65 \times 13.065 - 3.065 \times 3.065 = ?$					
	(1)	161.3	(2)	159.5			
	(3)	141.6	(4)	100			
98.	Wha	at decimal fraction is 40 ml of a l	itre ?				
	(1)	0.4	(2)	0.04			
	(3)	0.05	(4)	0.005			
99.		357 mangoes cost ₹ 1,517.25, then what is the approximate cost of 49 dozen of mangoes?					
	(1)	₹ 2,500	(2)	₹ 2,600			
	(3)	₹ 3,000	(4)	₹ 2,200			
100.	$\sqrt{\frac{1.5}{1.5}}$	$\frac{0.324 \times 0.081 \times 4.624}{5625 \times 0.0289 \times 72.9 \times 64} = ?$					
	(1)	24	(2)	2.4			
	(3)	0.24	(4)	0.024			
101.	is th			many paise from each member of group as ollection amounts to ₹ 22.09, the number of			
	(1)	37	(2)	47			
	(3)	107	(4)	43			
102.	10 -	$[9 - {8 - (7 - 6)}] - 5$ is equal to	;				
	(1)	-5	(2)	1			
	(3)	3	(4)	9			

(22)

OPENMAT/XLIV/Dec., 2018

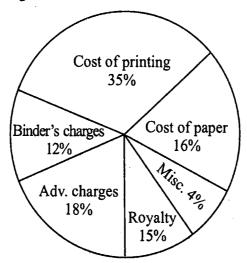
103	In :	a family, the father took 1/4 of	the c	ake and he had 3 times as much as others
	had	l. The total number of family me	mber	s is:
	(1)	3	(2)	7
	(3)	10	(4)	12
104	. The	monthly salary of A, B, C is in	the p	roportion of 2:3:5. If C's mothly salary is
	₹ 1,	200 more than that of A, then B	's anr	nual salary is:
	(1)	₹ 14,400	(2)	₹ 24,000
	(3)	₹ 1,200	(4)	₹ 2,000
105	Vin	ay got thrice as many marks i	n Ma	aths as in English. The proportion of this
	mar	ks in Maths and History is 4	: 3.	If his total marks in Maths, English and
	Hist	tory are 250, what are his marks	s in E	inglish?
	(1)	120	(2)	90
	(3)	40	(4)	80
106.	21 n	nango trees, 42 apple trees and	56 or	ange trees have to be planted in rows such
	that	each row contains the same	num	ber of trees one variety only. Minimum
	num	ber of rows in which the above	trees	may be planted is:
	(1)	15	(2)	17
	(3)	3	(4)	20
107.	The	measuring rods are 64 cm, 80 c	m an	d 96 cm in length. The least length of cloth
	that	can be measured exact number	of tir	mes using any one of the above rods is:
	(1)	0.96 m	(2)	19.20 m
	(3)	9.60 m	(4)	96.00 m
108.	In h	ow many different ways can the	lette	rs of word JUDGE be arranged so that the
	vowe	els always come together?		
	(1)	48	(2)	24
	(3)	120	.(4)	60

109.	9. The number of ways in which 5 boys and 5 girls can sit in a ring is:			
	(1)	10!	(2)	9!
	(3)	5!	(4)	6!
110.	₹ 80	0 amounts to ₹ 920 in 3 years at	simp	ole interest. If the interest rate is increased
	by 3	%, it would amount to how muc	h ?	
	(1)	₹ 1,056	(2)	₹ 1,112
	(3)	₹ 1,182	(4)	₹ 992
111.		rees increases annually by 1/8tears, if it stands today 64 cm hig		f its height. What will be its height after
	(1)	72 cm	(2)	74 cm
	(3)	75 cm	(4)	81 cm
112. The age of a man is 4 times that of his son. Five years ago, the man was nine times as old as his son was at that time. The present age of the man is:				
	(1)	24 years	(2)	32 years
	(3)	40 years	(4)	44 years
113	the am	remaining on clothes and con	nveya othes	thly income on food items and 50 percent of the ince. He saves one-third of the remaining and conveyance. If he saves ₹ 19,200 every
	(1)	₹ 24,000	(2)	₹ 12,000
	(3)	₹ 16,000	(4)	₹ 20,000
114		e income of a broker remains creased from 4% to 5%. The perc		changed though the rate of commission is ge of slump in business is:
	(1)	8%	(2)	1%
	(3)	20%	(4)	80%
OP	ENMA	T/XLIV/Dec., 2018	(24	4)

115.	In a	n examination it is required to	get 3	6% of maximum marks to pass. A student			
	got :	113 marks and declared failed by	y 85 n	narks. The maximum marks are:			
	(1)	500	(2)	550			
	(3)	640	(4)	1008			
116.	Wha	at percent of selling price would	be 34	% of cost price if gross profit is 26% of the			
	selli	ng price ?					
	(1)	17.16	(2)	74.00			
ţ	(3)	25.16	(4)	88.40			
117.	Whe	en the price of a toy was incr	eased	by 20%, the number of toys sold was			
	decreased by 15%. What was the effect on the sales of the shop?						
	(1)	4% increase	(2)	4% decrease			
	(3)	2% increase	(4)	2% decrease			
118.	The	marked price of an article is ₹	480.	The shopkeeper allows a discount of 10%			
	and	gains 8%. If no discount is allow	ed, h	is gain percent would be:			
	(1)	18%	(2)	20%			
- 4 - 4 - 4	(3)	18.5%	(4)	20.5%			
110	15.1	9					
119.	1000	_ = : 0					
	(1)	0.0100	(2)	0.0010			
	(3)	0.1000	(4)	0.0001			
120.	A ce	ard is drawn at random from	a pa	ck of 100 cards numbered 1 to 100. The			
	prob	ability drawing a number which	n is a	square is:			
	(1)	1/5	(2)	2/5			
	(3)	1/10	(4)	3/10			

121.	Ifea	ch side of a cube is doubled, then its volume:
9	(1)	is doubled
	(2)	becomes 4 times
	(3)	becomes 6 times
	(4)	becomes 8 times
122.	_	persons weave 168 shawls in 14 days, how many shawls will 8 persons weave in
	5 da	ys?
	(1)	90
	(2)	105
	(3)	126
	(4)	160
123.	If a	man rows at 5 km/hr. in still water and 3.5 km/hr. against the current his rate
	alon	g the current is:
	(1)	8.5 km/hr.
	(2)	6.5 km/hr.
	(3)	6 km/hr.
	(4)	4.25 km/hr.
124.		ain 270 metres long is moving at a speed of 25 kmph. It will cross a man coming the opposite direction at a speed of 2 km per hour in:
	(1)	36 seconds
	(2)	32 seconds
	(3)	28 seconds
4.	(4)	24 seconds
125.	Two	pipes X and Y can fill a cistern in 24 min. and 32 min. respectively. If both the
		s are opened together, then after how much time Y should be closed so that the
	tank	is full in 18 minutes?
	(1)	6 min.
	(2)	8 min.
	(3)	10 min.
	(4)	12 min.

Directions for Question Numbers 126 to 130: Circle graph given below shows the expenditure incurred in bringing out a book, by a publisher. Study the graph carefully and answer the questions given below it:



- 126. What should be the central angle of the sector for the cost of the paper?
 - (1) 22.5°

(2) 16°

(3) 54.8°

- (4) 57.6°
- 127. If the cost of printing is ₹ 17,500, the royalty is:
 - (1) ₹ 8,750

(2) ₹ 7,500

(3) ₹ 3,150

- (4) ₹ 6,300
- 128. If the miscellaneous charges are $\overline{\epsilon}$ 6,000, the advertisement charges are :
 - (1) ₹90,000

(2) ₹ 1,333.33

(3) ₹ 27,000

- (4) ₹ 12,000
- 129. If 5500 copies are published, miscellaneous expenditures amount to ₹ 1,848 and publisher's profit is 25%, then marked price of each copy is:
 - (1) ₹ 8.40

(2) ₹ 12.50

(3) ₹ 10.50

- (4) ₹ 10
- 130. Royalty on the book is less than the advertisement charges by:
 - (1) 3%

(2) 20%

(3) $16\frac{2}{3}\%$

(4) 18%

REASONING

Directions for Question Numbers 131 to 133: Select the related word/letters from the given alternatives:

131. QPRS: TUWV:: JIKL

(1) MNOP

(2) MNPO

(3) NMOP

(4) NMPO

132. DIC: 493:: FAH:?

(1) 442

(2) 431

(3) 681

(4) 618

133. CIRCLE is related to RICELC in the same way as SQUARE is related to?

(1) QSUERA

(2) QUSERA

(3) UQSAER

(4) UQSERA

134. Choose similar number to the numbers in the given set.

Given set 524, 257, 863, 635, 299, 466:

(1) 523

(2) 444

(3) 723

Directions for Question Numbers 135 and 136: Three of the following four are alike in certain way and so form a group. Which is the one that does not belong to the group?

135. (1) 93751

(2) 51379

(3) 99573

(4) 78526

136. (1) 71

[44] (2) 1 77

.(3) 61

(4) 73

OPENMAT/XLIV/Dec., 2018

(28)

		s for Question Numbers 13 series :	7 to 13	9 : Find the missing term in each of the
	-	27, 16, ? , 36, 343		
761.	(1)	25	(2)	87
	(3)	120	(4)	
	(0)	120	(4)	
138.	0, 2,	3, 5, 8, 10, 15, 17, 24, 26, ?		
	(1)	28	(2)	30
	(3)	32	(4)	35
139.	2, 15	5, 4, 12, 6, 7, ? ?		
	(1)	8, 8	(2)	8, 0
	(3)	3, 8	(4)	4, 2
140.				d out how many times 1, 3 and 7 have
	• •			middle and 1 and 3 on either side of
	7./29	931737771331738571377173	906	
	(1)	3	(2)	. 4
	(3)	5	(4)	6
141.	How	many even numbers are th	ere in	the following sequence of numbers each of
				d number as well as immediately preceded
		n even number ?		
		867689	327534	22355228119
VI (241)	(1)	One	(2)	Three
	(3)	Five	(4)	Four
142.	How	many such pairs of letters	are th	nere in the word 'EXAMINATION' each of
	whic	ch has as many letters betwe	een the	m in the word as they have in the English
	alph	abet?		
	(1)	None	(2)	One
	(3)	Two	(4)	Three
OPE	MAT/	XLIV/Dec., 2018	(29) P. T. O.

143.	Eng			M' are arranged as they appear in the nany letters will remain unchanged after	
	(1)	None	(2)	One	
	(3)	Two	(4)	Three	
144.		- -		the word 'WONDERFUL' will remain ord are arranged alphabetically?	
	(1)	None	(2)	One	
	(3)	Two	(4)	Three	
Dire	ection	s for Question Numbers 145 ar	nd 14	6 Each question is based on the following	
alph	nabet	series:			
		ABCDEFGHIJK	LMN	OPQRSTUVWXYZ	
145.	45. If every alternate letter starting from A is removed from the alphabet series, which letter among the remaining letters would be third to the right of the fifth letter from the right?				
	(1)	X	(2)	V	
	(3)	L	(4)	J	
146.		and B are written as B and A abet series, what would be the		nd D as D and C and so on till the end of on of M from your right?	
	(1)	11th	(2)	12th	
	(3)	13th	(4)	14th	
147.	47. Pankaj is taller than Vinod who is shorter than Pramod. Usha is taller than Priyanka but shorter than Vinod. Pramod is shorter than Pankaj. Who is the tallest?				
	(1)	Priyanka	(2)	Vinod	
	(3)	Pramod	(4)	Pankaj	
148.		eer is older than Milan but not as old as Milan. Who among the		d as Anju. Priyanka is older than Shan but the oldest?	
	(1)	Milan	(2)	Sameer	
	(3)	Priyanka	(4)	Anju	

(30)

OPENMAT/XLIV/Dec., 2018

149.		s of 42 students. What would		h and twelfth respectively from the top in a eir respective ranks from the bottom in the
	(1)	34th and 30th	(2)	31st and 35th
	(3)	36th and 32nd	(4)	35th and 31st
150.	beco	omes eighteenth from the right left end of row is fifth to the le	end	nam is shifted to her right by four places of the row. Anjuman, who is fifteenth from Sonam. How many children are there in the
•	(1)	39	(2)	40
	(3)	41	(4)	42
151. In a queue of children, Lovely is fifth from the left and Riya is sixth from the right. When they interchange their positions Lovely becomes thirteenth from the left, then what will be Riya's position from the right?				
	(1)	15th	(2)	14th
	(3)	9th	(4)	8th
152. ,	In a		ten a	s PRUQC. How is SHIFT written in that
	(1)	VJIDR	(2)	VKIDR
	(3)	VIKRD	(4)	RKIVD
153.	In a in th	certain code KINGDOM is wr at code?	itten	as JMCLJHP. How is QUANTUM written
	(1)	VOLVPZS	(2)	SZPLOVV
•	(3)	RVBOUVN	(4)	PZSLVOV
•	every			neans grave and concern, 'ill dic so' means as body and soul. Which of the following
	(1)	dic pic	(2)	ill nu
	(3)	pic nu	(4)	can't be determined
OPEN	K/TAN	KLIV/Dec., 2018	(31)	Р. Т. О

P. T. O.

155.	In a certain code 'Pick and Choose' written as 'to no ko po'. How is 'Picl	is wri k' writ	tten as 'ko ho po' and 'Pick up and Come' is ten in that code?
	(1) Ko	(2)	Po
	(3) Either Ko or Po	(4)	Can't be determined
156.	If 'tree' means 'mountain', 'mounta means 'bus', 'bus' means 'truck' and	in' mo l <i>'</i> truc	eans 'water', 'water' means 'jungle', 'jungle' k' means 'house', then where do fish live?
	(1) Water	(2)	Jungle
	(3) Mountain	(4)	Bus
	If 'blue' is called 'red', 'red' is call called 'white', what is the colour of		reen', 'green' is called 'black' and 'black' is ?
	(1) red	(2)	black
	(3) white	(4)	green
with	ctions for Question Numbers 158 to question mark. Replace the quest ngst the alternatives given:	160 tion n	Each of the following questions has a circle nark by choosing the correct response from
1-0	149 175		
158.	? 203		
	(1) 148	(2)	208
	(3) 213	(4)	233
159.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	17	5
	5 6	4	
		(2)	25
	(1) 21 (3) 27	(4)	
	$\sqrt{2 \cdot 3}$		
160.	22 5		
	(1) 26	(2)) 1
	(3) 50	(4)) 39
OPF	NMAT/XLIV/Dec., 2018	(3	· 2)

161. If '+' means '-', '-' means '+', '+' means '×' and '×' means '+', what is the value of 125-5×10÷13+28?

(1) 129
(2) 127

162. If P' means 'divide by', 'R' means 'multiply by', 'T' means 'add to' and 'W' means subtract from; then 60T48P8W6R9 =

 $4 + (1) + 12 + (2) + 61 \frac{1}{23} + (2) + 61 \frac{1}{23}$

(3) $-40\frac{1}{2}$ (4) 24

163. A total of 324 coins of 20 paise and 25 paise makes a sum of ₹ 71. The number of 25 paise coins is:

(1) 120 (2) 124

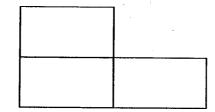
(3) 144 (4) 200

164. One-fourth of a herd of cows is in the forest. Twice the square root of the herd has gone to mountains and the remaining 15 are on the banks of river. The total number of cows is:

(1) 6 (2) 100

(3) 63 (4) 36

165. The following diagram shows 10 matchsticks forming three squares. What is the minimum number of extra matches to form five squares?



(1) 5

(3) 3 (4) 2

166.	Fath	ner is 5 years older than moth	er an	nd mother's age now is thrich that of the
				old. What was the father's age when the
		ghter was born?		
			(2)	20 years
	(1)	30 years		·
	(3)	15 yea r s	(4)	25 years
167.	A fr	og fell into 30 metres deep wel	l and	tries to get out. It goes 3 metres up and
				amber of days it takes to get out:
	(1)	30 days	(2)	28 days
	(3)	29 days	(4)	27 days
168.	8 kr	n from there. Prashant said th	at it	at Patna is more than 3 km but less than was more than 6 km but less than 10 km ow far is Patna from the bridge?
	(1)	8 km		
	(2)	7 km		
	(3)	6 km		
	(4)	Can't be determined		
169.	A tl	nief stole some diamonds from	a jev	vellery shop. On the way out he met three
				diamonds he had then and 2 more besides.
	He	escaped with one diamond. How	man	y diamonds he steal originally?
	(1)	40		
	(2)	36		
	(3)	32		
	(4)	25		
170		a tournament 14 teams play le er team once only, then how ma		matches. If each team plays against every
			.11y 111	auches are played.
	(1)	105		
	(2)	91		
	(3)	85		
	(4)	78		

8.7						
Din	ections for G	Question Numbers	171 to 174	: In each of t	he following ques	tions, there
are	two stateme	ents labelled as Ass	ertion (A) a	nd Reason (R)	. Mark your answ	er as :
	(2) If both (3) If (A)	h (A) and (R) are tr h (A) and (R) are tr is true but (R) is fa is false, but (R) is t	ue but (R) i lse.	s the correct e s not the corre	xplanation of (A). ct explanation of	(A).
171.	Assertion ((A): The length of	day at equa	tor is always 1	2 hours.	•
	Reason (R.	The angle of constant.	incidence o	f the Sun's ra	ys at the equato	r is always
172.	Assertion ((A): China is the m	ost populo	us country of t	he world.	
	Reason (R)	: It's density of	population	is much lower	than that of India	а.
173.	Assertion ((A): There are disp	arities in r	egional develo	pment on a global	scale and
	Reason (R)	within each co Such disparit labour.		inly due to	the lack of adequ	ate skilled
174.	Assertion ((A): Plants are cal	led primar	y producers.		
	Reason (R)		er their fo		s through the pr	ocess of
175.	Which year	will have the same	e calendar	as that of 2009) ? **	
	(1) 2012		(2)	2016		:
	(3) 2020		(4)	2015		
176.	What day of Sunday?	of the week will 1s	st January,	2020 be, give	n that 1st Janua	ry, 2009 is
	(1) Thurs	day	(2)	Saturday		
	(3) Monda	ay	(4)	Friday		
L77.	Which amo	ng the following ye	ars is a lea	p vear ?		
	(1) 1700		(2)	2300		
•	(3) 3800	•	(4)	3200	,	
178.	What is th 9 hours 45 i	e angle between t minutes?	the minute	s hand and t	he hour hand of	a clock at
	(1) 45°		(2)	$22\frac{1}{2}$ °		
	(3) $45\frac{1}{2}$ °		(4)	22°		· .

179.	9. How many degrees does the minutes hand cover in the same time in which the seconds hand covers 180°?				
	(1)	18°	(2)	6°	
	(3)	10°	(4)	3°	
180.		time shown by the clock when actual time shown on the clock?		in mirror is 9 hours 30 minutes. What is	
	(1)	5 hours 30 minutes	(2)	2 hours 30 minutes	
	(3)	4 hours 20 minutes	(4)	3 hours 20 minutes	
181.	told leave	a passenger that the bus had al	ready	inutes from a bus stand. An enquiry clerk left ten minutes ago and the next bus will enquiry clerk give this information to the	
	(1)	11.05 a.m.	(2)	10.35 a.m.	
	(3)	11.25 a.m.	(4)	11.20 a.m.	
182.	met			towards east, turns left and moves 500 500 metres and halfs. At what distance is 500 metres 2200 metres	
183.				45° clockwise, again 180° clockwise and which direction is he facing now?	
	(1)	West	(2)	North West	
	(3)	South	(4)	South West	
		s for Question Numbers 184 to he questions that follow:	186	Study the information given below and	
	A, B, C, D, E, F, G, H and I are nine houses. C is 2 km east of B. A is 1 km north of B and H 2 km south of A. G is 1 km west of H while D is 3 km east of G and F is 2 km north of G. I is just in middle of B and C while E is just in middle of H and D.				
184.	Dist	ance between E and G is:			
	(1)	1 km	(2)	1.5 km	
	(3)	2 km	(4)	5 km	
OPE	NMAT	/XLIV/Dec., 2018	(36)		

	(1)	1 km	(2)	2 km
	(3)	3 km	(4)	4 km
186.	Dist	cance between A and F is:		
	(1)	1 km	(2)	1.41 km
	(3)	2 km	(4)	3 km
187.		oducing Geeta, Seema said, "S ghter". How is Seema related to		s the only daughter of my father's only?
	(1)	Niece	(2)	Cousin
	(3)	Data Inadequate	(4)	None of these
Dire	ection	s for Question Numbers 188 to	190	: Read the following information and then
ans	ver t	he questions given below it :		
	A – . A × .	B means A is the father of B B means A is the wife of B B means A is the broher of B B means A is the daughter of B		
188.	If P	$+ R \div Q$, which of the following:	is tru	e ?
	(1)	P is the husband of Q		
	(2)	P is the brother of Q		
	(3)	P is the son of Q		
	(4)	P is the father of Q		
189.	If P	\times R – Q, which of the following is	s true	?
	(1)	P is the brother of Q		
	(2)	P is the father of Q		•
	(3)	P is the brother-in-law of Q		
	(4)	P is the uncle of Q		
190.	If P	$-R \times Q$, which of the following is	s true	?
	(1)	P is the brother of Q		
	(2)	P is the son of Q		
	(3)	Q is the husband of P		
	(4)	P is the sister-in-law of Q		•
OPEN	MAT/	KLIV/Dec., 2018	(37)	Р. Т. О.

185. Distance between E and I is:

Directions for Question Numbers 191 to 195 : Study the following information and answer the questions that follow:

	Six l	x lectures—A, B, C, D, E and F are to be delivered from Monday to Sunday, one							
	lectu	re everyday.							
	(i)	Lecture C cannot be delivered of	n Fri	day.					
	(ii)	Lecture A is delivered immedia	tely a	after lecture D.					
	(iii)	There should be a gap of 2 days between the lectures B and F.							
	(iv)	There is one holiday except Saturday. Lecture F is delivered on the next day of							
		holiday.							
	(v)	v) Lecture E is delivered on Wednesday and it is not immediately followed by							
		Lecture F.							
191.	On v	which day was lecture D delivere	ed?						
	(1)	Friday	(2)	Saturday					
	(3)	Sunday	(4)	Thursday					
192.	Ony	which day was holiday?							
	(1)	Thursday	(2)	Sunday					
	(3)	Monday	(4)	None of these					
193.	How	many lectures were delivered b	etwe	en F and D?					
	(1)	None	(2)	One					
	(3)	Two	(4)	Three					
194.	Whi	ch of the following was last lect	ure ?						
	(1)	A	(2)	C					
	(3)	В	(4)	Cannot be determined					
195.		ich of the following statement ures?	s is	not necessary to determine the order of					
	(1)	(i)	(2)	(ii)					
	(3)	(v)	(4)	(i) and (ii)					

Directions for Question Numbers 196 to 200: Study the following information and answer the questions that follow:

P, Q, R, S, T, V and W are sitting around a circle facing the centre. V is second to the left of P and second to the right of W. T is third to the right of Q and is not an immediate neighbour of V, S is third to the right of R.

196.	Who	is second to	o the right of G	2 ?			
	(1)	R ·		(2)	W		
	(3)	T		(4)	S		
197.	Who	is to the im	ımediate left o	fS?			
	(1)	\mathbf{v}		(2)			
	(3)	Q		(4)	W		
198.	Who	is to the im	mediate right	of R?			
	(1)	W		(2)	T		
	(3)	P		(4)	Data inadequate		
199.		hich of the third person		ips is the fi	rst person sitting l	between the s	econd and
	(1)	RPQ		(2)	TWS		
	(3)	QPR		(4)	None of these		
200.	Who	is third to	the left of V?				
	(1)	T		(2)	S		
	(3)	W	•	(4)	R	. •	
							•