Total No. of Printed Pages: 21

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PG-EE-June, 2023

SET-X

SUBJECT: MBA/MTTM/MHMCT

Sr. No.	 	 • • • • •

Max. Marks : 100	Total Questions: 100
(in words)	
Date of Birth	
Mother's Name	Series - Carrier
	(Signature of the Invigilator)
	(in words) Date of Birth Mother's Name

CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

- 1. All questions are compulsory.
- 2. The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfairmeans / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- 3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint if any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

1.	I hurt my knee quite badly so	hand the same of the same of the same of the same of
	(1) I had to go to hospital	
	(2) I did not have the right running	ng shoes
	(3) I did not have the bandage	Company of the same of the same
	(4) It was bleeding profusely	
2.	I did not work hard at school. Con	nsequently
	(1) I did well at university	
. 8	(2) I failed most of my exams	
	(3) I did not work hard in college	
	(4) I was good at mathematics	
3.	I am scared maki	ng a fool of myself when I give the presentation.
4.7	(1) for	(2) to
,	(3) of	(4) by
4.	There are many things	with our society today.
1 sec.	(1) bad	(2) wrong
	(3) disturbing	(4) inappropriate
5.	The word neatest in meaning to E	SOTERIC is
, se	(1) mysterious	(2) hidden
	(3) profound	(4) common
6.	Antonym of DEBAUCHERY is .	
	(1) virtue	(2) sensuality
	(3) binge	(4) lewd

	7. I did not work hard at school. Conse	equently
	(1) I did well at university	
	(2) I failed most of my exams	
	(3) I did not work hard in college	
	(4) I was good at mathematics	
8	8. Synonym of CONFOUND is	
	(1) confuse	(2) enlighten
	(3) explain	(4) muddy
9.	9. The nearest meaning of the phrase 'to	o get one's back up' is
	(1) to rouse one's anger	get one s buck up is
	(2) back pain	
	(3) to rise and sit upright	
94	(4) to motivate	
10.	In spite of the fact that learning to a	
	effort,	peak a foreign language requires a lot of time and
	(1) many people give up after a shor	t time
	(2) many people manage it successfu	
	(3) people take training	
	(4) many people learn it later	
1.	Word nearest in meaning to PAROD	Y is
	(1) imitation	(2) flattery
	(3) praise	(4) ridicule
		,

Δ

12.	I agree that he is attr	active, I think he is not beautiful.
	(1) while	(2) even though
	(3) because	(4) assuming that
13.	The nearest meaning of the phrase 't	o rain cats and dogs' is
	(1) to rain non-stop	(2) heavy rain
	(3) fight among cats and dogs	(4) drizzling
14.	The <i>correct</i> option for use of 'the' is	
	(1) the Mount Everest	(2) the Himalayas
	(3) the oxford road	(4) the central park
15.	One way to improve your he Alternatively	ealth is to eat more fruit and vegetables.
	(1) you could increase risk of your l	neart disease
	(2) you could exercise more	
	(3) you could fall ill	
	(4) you could go on diet	
16.	Synonym of TANGIBLE is	
	(1) concrete	(2) actual
	(3) sensible	(4) abstract
17.	He me deny the truth.	
	(1) dared	(2) asked
	(3) challenged	(4) told
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18.	Technology that is obsolete is	······································
	(1) very new	(2) no longer useful
	(3) modern	(4) expensive
19.	The word that does not belong to the is	e same meaning group as the word TITTER
	(1) whisper	(2) single
	(2)	(2) giggle(4) chuckle
20.	The word that does not belong to the is	same meaning group as the word STROLI
	(1) walk	(2) tumble
	(3) amble	(4) pace
21.	The coffee is very weak. I like it a bit	
	(1) weaker	(2) stronger
•	(3) colder	(4) strong
22.	We met a lot of interesting people	our holiday.
	(1) while	(2) during
	(3) in	(4) after
23.	It was very hot yesterday, but today it is	
	(1) hotter	(2) even hotter
	(3) colder	(4) hot
24.	One who loves books is known as	
	(1) bibliophile	(2) intellectual
	(3) scholar	(4) reader

2	5. Do not wait for me. I	do not want to
	(1) hold up you	(2) hold you up
	(3) wait	(4) come up
2	6. The average of four c	onsecutive even numbers is 29. Find the largest of these numbers.
	(1) 38	(2) 36
	(3) 34	(4) 32
27	7. If 391 bananas were of many bananas did the	distributed amongst 3 monkeys in the ratio of 1/2: 2/3: 3/4. How first monkey get?
	(1) 102	(2) 112
	(3) 108	(4) 104 CE
P.	5 vessels is equal to t vessels are at least 64%	
	-	
* ;	(1) 1	(2) 4
	(3) 3	(4) 2
29.	N N	in 12 days. B and C in 15 days and C and A in 20 days. If A, B ow many days will they take to complete the work?
9.33 1 Mari	(1) 5 days	(2) 10 days.
	(3) 7.5 days	(4) 15.25 days
1		age that a har point of the same as set of 7 areas and 9
30.		ges and 4 bananas is Rs. 36. The average cost of 7 oranges and 8 the total cost of 24 oranges and 24 bananas.
	(1) 1044	(2) 168
	(3) 2088	(4) 324
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31.	The average age of a group of 20 women, of whom the youngest is 32 and the eldest is 56, is 49 years. If two women with ages 45 years and 50 years leave the group and three women join the group, the average remains unchanged. What is the average age of the three women who joined the group later?
	(1) 32 (3) 38 (2) 45 (4) 48
32.	A reduction of 20% in the price of wheat enables Soni to buy 5 kg more wheat for Rs. 320. The original rate in (Rs. Per kg) of wheat was: (1) 16 (2) 18 (3) 20 (4) 21
33.	On a certain date, Pakistan has a success rate of 60% against India in all ODIs played between the two countries. They lost the next 30 ODIs in a row to India and their success rate comes down to 30%. The total number of ODIs played between the 2 countries is:
	(1) 50 (2) 60 (3) 45 (4) 50
34.	Six children, three girls and three boys, go for a picnic. The three girls are Shreya,

three boys are Amar, Sameer and Anwar. On their way, a person asks them their ages. All except Sameer give some information about their ages. Amar says "I am half as old as Sameer and two-thirds as old as Mrinal". Shreya says "My age is three-fifths the sum of the ages of Amar and Minu. Mrinal says "I am six years older than Shreya". Minu says "the sum of the ages of Anwar, Mrinal and Shreya is equal to that of sum of the ages of Amar, Sameer and myself, Anwar says "I am 20 years old".

Who is youngest in the group?

(1) Mrinal

(2) Anwar

(3) Minu

(4) Shreya

- 35. There were three partners, A, B, C in a business, and each had a share of the profits in proportion to his capital. A's capital was Rs. 240; B's Rs. 640; and A' share was Rs. 15 in every Rs. 100. Find B's share of profits and C's capital.
 - (1) Rs. 40 in every Rs. 100; Rs. 720
 - (2) Rs. 20 in every Rs. 100; Rs. 800
 - (3) Rs. 45 in every Rs. 100; Rs. 900
 - (4) Rs. 35 in every Rs. 100; Rs. 700
- **36.** A financier claims to be lending money at simple interest, but he includes the interest every six months for calculating the principal. If he is charging an interest of 10%, the effective rate of interest becomes:
 - (1),9.5%

(2) 10.25%

(3) 10.5%

- (4) 10.75%
- 37. P lives at A and Q lives at B. P usually goes to meet Q at B. He covers the distance in 3 hours at 150 km/h. On a particular day Q started moving away from P, while P was moving towards B. Thus P took total 5 hours to meet Q. What is the ratio of speeds of P & Q?
 - (1) 8:5

(2) 4:3

(3) 3:2

- (4) 5:2
- **38.** A wrist watch which is running 12 minutes late on a Sunday noon is 16 minutes ahead of the correct time at 12 noon on the next Sunday. When is the clock 8 minutes ahead of time?
 - (1) Thursday 10 AM
 - (2) Friday 8 PM
 - (3) Friday noon
 - (4) Tuesday noon

39. Ramu manufactures ceramic cups. On any day he manufactures as many cups as the cost to make per cup. Everyday Ramu sells all of his cups at a profit of Rs. 10 per cup. If at the end of the day he makes a profit of 5%, then how much profit did he make by the end of every day?

(1)	1000
(1)	1000

(2) 1200

(4) 2000

40. Surface area of a hollow cylinder with, radius and height is measured by:

(1) $2\pi rh$

(2) $2\pi r$

(3) πrh

(4) $2\pi r - h$

41. Polygon's exterior angles sum up to

(1) 120°

(2) 360°

(3) 720°

(4) None of these

42. In the following question, two equations are given. You have to solve them and mark one of the following as answers:

I.
$$X^2 + 17 X + 72 = 0$$

II.
$$Y^2 + 15 Y + 56 = 0$$

(1) X > Y

(2) X < Y

(3) $X \ge Y$

 $(4) X \leq Y$

43. Find the linear equation in two variables which form a system of equations with x - 2y = 3 that has infinitely many solutions:

(1)
$$2x - 4y = 9$$

(2)
$$4x - 8y = 12$$

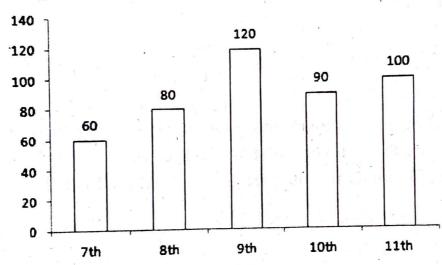
(3)
$$3x - 4y = 9$$

(4) None of the above

- - A company CEO invited nine persons for a business meeting, where the host will be seated at a circular table. How many different arrangements are possible if two invitees X and Y be seated on either side of the host CEO?
 - (1) 10080
- (2) 10800
- (3) 9200
- (4) 4600

Directions (Question 45 & 46): Use the below data to answer the questions.

The bar graph given below shows the total number of students before promotion in different classes of a school and the table shows the percentage of students in each class who are promoted to the next higher class.



Class	Percentage
7th	$66\frac{2}{3}$
8th	25
9th	80
10th	$33\frac{1}{3}$
11th	2. 1

- If 20% of students of class 7th are demoted to class 6th, then find the ratio of no. of 45. students who remain in class 7th to the number of students who get promoted to class 11th. (Note: no student from class 7th leaves the school):
 - (1) 2:15
- (2) 4:15
- (3) 1:5
- (4) 1:3

46. The students who get promoted to class 11th go for one of the three streams – Science, Arts or Commerce in ratio 3:1:2 respectively. Find the difference between number of students who opted for Science and those who opted for Arts out of the promoted students.

(1) 15

(2) 13

(3) 12

(4) 10

47. The ratio of magnitude of curved surface area to the volume of cylinder is 1:7 and the ratio of diameter of the base to the height of cylinder is 4:3. Find total surface area of cylinder (in cm²)?

(1) 3100

(2) 3000

(3) 3180

(4) 3080

48. A container contains mixture of milk and water in the ratio 7: x. If 20 litre of water is added to mixture then ratio of milk to water becomes 7: 15 and if 10 litres of water is added then ratio of milk to water becomes 14: 25. Find initial quantity of milk in the mixture:

(1) 42 L

(2) 28 L

(3) 35 L

(4) 21 L

49. A can do a work in x days and B can complete the same work in (x + 4) day. If A is 25% more efficient than B, then find the time in which A and B together can complete the whole work working alternatively on each day starting from A:

(1) $17\frac{3}{4}$ days

(2) $12\frac{2}{5}$ days

(3) $15\frac{2}{3}$ days

(4) $20\frac{2}{3}$ days

50. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

(1) 10/21

(2) 11/21

(3) 2/7

(4) 5/7

	· · · · · · · · · · · · · · · · · · ·	* * *
51.	In a code language, BLEND is the same language?	written as ENHPG. How will WINNER be written in
	(1) ZKQPHT	(2) ZKQPHU
	(3) YKQPHT	(4) ZKOPHT
52.	games, viz Carrom, Table Tentral Tennis but not necessarily in different musical instruments, via Santoor, not necessarily in the santoge but not Harmonium or Guitar but not Table Tennis or	nembers of a sports club and have liking for different anis, Badminton, Bridge, Hockey, Football and Lawn the same order. Each one of them has a liking for viz. Sitar, Guitar, Harmonium, Flute, Tabla, Banjo and same order. B likes Carrom and Banjo. E likes to play Tabla. The one who plays Hockey plays Sitar. F plays Lawn Tennis. A plays badminton and Flute. The one of play Tabla. C plays Harmonium and G plays Hockey. (2) Lawn Tennis (4) Can't be determined
53.	If * stands for 'addition', / star - stands for 'division', then 20 *	ids for 'subtraction', + stands for 'multiplication', and $8/8-4+2=$?
	(1) 80	(2) 25
* 1.	(3) 24	(4) 5
54.	Insert the missing number in the	series: 5, 17, 14, 26, 23, 35, 32,
	(1) 34	(2) 44
	(3) 54	(4) 35
5.		int towards east, then turned right and walked 15 m. ed 8 m. Once again, he turned right and walked 6 m. bint is:
	(1) 9 m	(2) 11 m
	(3) 12 m	(4) 15 m

57.	On a bench, A, B, C, D and E are seat and D is not seated near to E, who is s from the right position. B and E are to other. What is A's sitting position?	seated on the bench's left end	. C is in the second
colq.	(1) Between B and D	(2) Between B and C	lon nortael
ano a	(3) Between E and D	(4) Between C and D	h widge hat fi
58.	Rank of Sujay is 15th from the bottom below if 3 new students will be added to	n in a group of 25 students.	Find his rank from
	(1) 14 State For all (5)	(2) 11	Palet (1)
	(3) 12 bed and 44	(4) 13	(3) Footbill
59.	Insect: Disease:: War:?	or 'addition'. stand 100's	Labour 11 se
	(1) Army	(2) Defeat	roll abpeig
	(3) Arsenal	(4) Destruction	08 (1)
60.	Statements:		(** 194 24 · · ·
:-6	I. Importance of Yoga and exercise is	s being realized by all section	of the society
	II. There is an increasing awareness middle age group of people.	about health in the society	particularly among
mill	(1) Statement I is the cause and statem	ent II is its effect	at he was
drivers	(2) Statement II is the cause and statem	2001 (1994) - 1905 (1994) (1994) (1994) (1994) (1994) (1994) (1994) (1994) (1994) (1994) (1994) (1994) (1994)	S6. A monward
	(3) Both the statements I and II are ind		a minimapping

(4) Both the statements I and II are effects of independent causes

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56. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle."

(4) Uncle

(2) Nephew

How is the boy related to the girl?

(1) Brother

(3) Son-in-law

			7 · .
61.	Find the odd number from the g	iven alternatives:	
	(1) 626	(2) 841	
	(3) 962	(4) 1090	
62.	Statement: Ahimsa should be practice Ahimsa.	e a basic principle of human b	peings. All of us should
	Conclusion I: We all know the	real meaning of Ahimsa.	
	Conclusion II: Ahimsa promo	tes global harmony.	
	(1) Only conclusion I follows		
	(2) Only conclusion II follows		and the temp
	(3) Both the conclusions follow		castero la lizare ligi
	(4) Neither the conclusion I no	conclusion II follows	
63.	Find the number of triangles in	the given figure:	
	(1) 12	(2) 18	
	(1) 12	(4) 26	
	(3) 22	(4) 20	
64.	4832, 5840, 6848, 7856, ?	i veri suddivision dan. Dan distribution dan distribution dan distribution dan distribution dan distribution distribution distribution	
	(1) 8626	(2) 8765	
	(3) 8864	(4) 8432	
65.	If P denotes +, Q denotes ×, R o	enotes / and S denotes -, then 1	8 Q 12 P 4 R 5 S 6 = ?
. *	(1) 59	(2) 65	
	(3) 53	(4) 36	

	(1) 27	(2) 37
	(3) 47	(4) 67
67.	Man: Biography:: Nation:?	and the company of the second of the company of the
	(1) Leader	(2) People
	(3) Geography	(4) History
68.	runs for 25 kms and takes a right turn runs for another 25 kms and takes the meantime, due to a minor breakdown, road. What would be the distance betw (1) 65 kms (3) 85 kms Statement: Anger is energy, in a more	and then runs for 15 kms. It then turns left and edirection back to reach the main road. In the the other bus run only 35 kms along the main een the buses at this point? (2) 75 kms (4) 95 kms ore proactive way and how to channelize it is in
	itself a skill.	
	Assumptions:	
	I. Anger needs to be channelized.	
	II. Only skillful people can channeliz	e anger to energy.
	(1) Only assumption I is implicit.	
	(2) Only assumption II is implicit.	
	(3) Either I or II is implicit.	

66. Find the one which does not belong to that group?

(4) Neither I nor II is implicit.

70. Should the institute conduct classes in remote villages?

Arguments:

- I. Yes, this will help those students who belong to villages and cannot visit urban areas for studies.
- II. No, this is not an economically viable proposal, as the number of students who attend such classes cannot contribute to break-even.
- (1) Only argument I is strong
- (2) Only argument II is strong
- (3) Neither I nor II is strong
- (4) Both I and II are strong
- 71. A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
 - (1) Daughter

(2) Mother

(3) Sister

- (4) Grand Daughter
- 72. Sanjeev ranks seventh from the top and twenty-eight from the bottom in a class. How many students are there in the class?
 - (1) 34

(2) 37

(3) 35

- (4) 36
- 73. Which option is right chronology: 1. Birth 2. Death 3. Funeral 4. Marriage 5. Education?
 - (1) 4, 5, 3, 1, 2

(2) 2, 3, 4, 5, 1

(3) 1, 5, 4, 2, 3

(4) 1, 3, 4, 5, 2

74.	196:256::324:	and the state of t
2.* ×	(1) 361	(2) 400
	(3) 484	(4) 529
75.	A watch reads 4.30 PM. If the minute hand point?	and points East, in what direction will the hour
	(1) North-West	(2) North-East
. 1	(3) South-West	(4) South-East
76.	Which city is the host of the W20 Incept	tion Meeting under India's G-20 Presidency?
,	(1) Chennai	(2) Kochi
	(3) Aurangabad	(4) Bhubaneswar
77.	Gyalsung Infra Project, to which India with which country?	provided a grant of Rs. 2 billion, is associated
	(1) Sri Lanka	(2) Nepal
	(3) Bhutan	(4) Myanmar
78.	The 'Ayushman Bharat Digital Mission'	was launched in which year?
1817	(1) 2016	(2) 2018
	(3) 2019	(4) 2021
79.	Which institution releases the 'Methane	Global Tracker Report'?
	(1) UNEP	(2) IEA
	(3) UNFCCC	(4) World Bank
80.	'Harbinger 2021' is the global hackathor	organised by which institution?
	(1) SEBI	(2) Niti Aayog
	(3) RBI	(4) Indian Army
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81.	What is the GDP Growth projection for (June, 2022)?	r India in FY23, as per OECD's recent repor
	(1) 8.2%	(2) 7.5%
	(3) 7.2%	(4) 6.9%
82.	Which institution/ department notifies co	st inflation index (CII) every year?
	(1) Reserve Bank of India	
	(2) Central Board of Direct Taxes	
ŕ	(3) National Statistical Office	
<i>.</i> .	(4) Department of Economic Affairs	
83.	The Indian to beat the computers in math	ematical wizardry is:
	(1) Ramanujam	(2) Rina Panigrahi
	(3) Raja Ramanna	(4) Shakunthala Devi
84.	Jude Felix is a famous Indian player in w	hich of the fields?
	(1) Volleyball	(2) Tennis
	(3) Football	(4) Hockey
85.	Indian Council for Cultural Relations company to promote Sanskrit?	(ICCR) partnered with which technology
	(1) Microsoft	(2) Meta
	(3) Twitter	(4) Google
86.	The International Film Festival of India language cinema?	(IFFI) 2022 is celebrating 50 years of which
	(1) Gujarati	(2) Urdu
	(3) Manipuri	(4) Bengali

(4) Article 30

(3) Article 28

- **92.** The correct term among the mentioned revolutions that properly corresponds to 'fertilizers' is?
 - (1) Silver Revolution

A

- (2) The Grey Revolution
- (3) Golden Revolution
- (4) Pink Revolution
- 93. Which among the below mentioned can be stated as the primary goal of ATAL incubators?
 - (1) To encourage creativity
 - (2) To instil and grow the sense of entrepreneurship
 - (3) To develop industries
 - (4) To enhance product development and quality
- 94. Ten-rupee note contains the signature of:
 - (1) Finance Secretary, Government of India
 - (2) Chairman, Reserve Bank of India
 - (3) Finance Minister, Government of India
 - (4) Governor, Reserve Bank of India

95. Modvat is:

- (1) Modified value added
- (2) A term used in excise which is a new scheme of indirect taxes
- (3) Scheme which allows a manufacturer to claim instant reimbursement of the excise duty paid on the raw materials used for the production of the final goods
- (4) All of the above

96.	What is another word for 'prec	earious'?
	(1) Secure	(2) Exalted
Y	(3) Uncertain	(4) Important
97.	What is the synonym of the w	ord 'Parochial'?
	(1) Abstract	(2) Unorthodox
2.4	(3) Baffling	(4) Conservative
98.	Harild Pinter was awarded the	Noble Prize for Literature in:
	(1) 2000	(2) 2002
	(3) 2003	(4) 2005
99.	Fa Xian began his journey bac	k home from which of the following Indian State
* *	(1) Bihar	(2) Maharashtra
	(3) Bengal	(4) Odisha
100.	The year 1856 as significant in	the history of Indian Society because of:
	(1) Hindu Widow Remarriage	Act was passed.
	(2) An Act against Female Int	fanticide was passed.
	(3) An Act against Sati System	n was passed.
	(4) An Act against Witch Hur	iting was passed.

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SET-X

PG-EE-June, 2023

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		Sr. No
Time : 1¼ Hours Roll No. (in figures)	Max. Marks : 100 (in words)	Total Questions : 100
Name	Date of Birth	
Father's Name	Mother's Name	
Date of Examination	·	
(Signature of the Candidate)		(Signature of the Invigilator)

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- 4. Question Booklet along with answer key of all the A, B, C & D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint if any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

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SEA

1.	In a code language, BLEND is written the same language?	ten as ENHPG. How will WINNER be written in
	(1) ZKQPHT	(2) ZKQPHU
	(3) YKQPHT	(4) ZKOPHT
2.	games, viz Carrom, Table Tennis, Tennis but not necessarily in the different musical instruments, viz. Santoor, not necessarily in the same Bridge but not Harmonium or Tabl Guitar but not Table Tennis or Lay	Badminton, Bridge, Hockey, Football and Lawn same order. Each one of them has a liking for Sitar, Guitar, Harmonium, Flute, Tabla, Banjo and corder. B likes Carrom and Banjo. E likes to play a. The one who plays Hockey plays Sitar. F plays wn Tennis. A plays badminton and Flute. The one ay Tabla. C plays Harmonium and G plays Hockey.
	(1) Table Tennis	(2) Lawn Tennis
	(3) Football	(4) Can't be determined
3.	If * stands for 'addition', / stands - stands for 'division', then 20 * 8 / 8	for 'subtraction', $+$ stands for 'multiplication', and $8-4+2=$?
	(1) 80	(2) 25
	(3) 24	(4) 5
4.	Insert the missing number in the ser	ies: 5, 17, 14, 26, 23, 35, 32,
	(1) 34	(2) 44
	(3) 54	(4) 35
5.	A man walked 20 m from a point Again, he turned right and walked his distance now from starting point	towards east, then turned right and walked 15 m. 8 m. Once again, he turned right and walked 6 m. is:
	(1) 9 m	(2) 11 m
	(3) 12 m	(4) 15 m
PG-E	E-June, 2023/(MRA/MTTM/MHM)	CT)(SFT-X)/(R)

		,
6.	Introducing a boy, a girl said, "He is How is the boy related to the girl?	the son of the daughter of the father of my uncle."
	(1) Brother	(2) Nephew
	(3) Son-in-law	(4) Uncle
7.	and D is not seated near to E, who is	ated. A is seated next to B, C is scated next to D, seated on the bench's left end. C is in the second to the right of A. A and C are seated next to one
	(1) Between B and D	(2) Between B and C
	(3) Between E and D	(4) Between C and D
8.	Rank of Sujay is 15th from the bott below if 3 new students will be added	om in a group of 25 students. Find his rank from d to the top of the list.
	(1) 14	(2) 11
	(3) 12	(4) 13
9.	Insect : Disease : : War : ?	
	(1) Army	(2) Defeat
	(3) Arsenal	(4) Destruction
10.	Statements:	
	I. Importance of Yoga and exercise	e is being realized by all sections of the society.
	II. There is an increasing awarene middle age group of people.	ss about health in the society particularly among
	(1) Statement I is the cause and state	ement II is its effect
	(2) Statement II is the cause and sta	tement I is its effect
	(3) Both the statements I and II are	independent causes
	(4) Both the statements I and II are	effects of independent causes

11.	Find the odd number from the given	ven alternatives :			
	(1) 626	(2) 841			
	(3) 962	(4) 1090			
12.	Statement: Ahimsa should be practice Ahimsa.	a basic principle of human beings. All of us should			
	Conclusion I: We all know the	real meaning of Ahimsa.			
	Conclusion II: Ahimsa promot	es global harmony.			
	(1) Only conclusion I follows				
	(2) Only conclusion II follows				
	(3) Both the conclusions follow				
	(4) Neither the conclusion I nor	conclusion II follows			
13.	Find the number of triangles in	the given figure :			
	(1) 12	(2) 18			
	(3) 22	(4) 26			
14	4. 4832, 5840, 6848, 7856, ?				
	(1) 8626	(2) 8765			
	(3) 8864	(4) 8432			
19	If P denotes +, Q denotes \times , R denotes / and S denotes –, then 18 Q 12 P 4 R 5 S 6 = ?				
	(1) 59	(2) 65			
	(3) 53	(4) 36			
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(1) 27

4

(2) 37

B

(3) 47

(4) 67

17. Man: Biography:: Nation:?

(1) Leader

(2) People

(3) Geography

(4) History

18. Two buses start from the opposite points of a main road, 150 kms apart. The first bus runs for 25 kms and takes a right turn and then runs for 15 kms. It then turns left and runs for another 25 kms and takes the direction back to reach the main road. In the meantime, due to a minor breakdown, the other bus run only 35 kms along the main road. What would be the distance between the buses at this point?

(1) 65 kms

(2) 75 kms

(3) 85 kms

(4) 95 kms

19. Statement: Anger is energy, in a more proactive way and how to channelize it is in itself a skill.

Assumptions:

- I. Anger needs to be channelized.
- II. Only skillful people can channelize anger to energy.
- (1) Only assumption I is implicit.
- (2) Only assumption II is implicit.
- (3) Either I or II is implicit.
- (4) Neither I nor II is implicit.

20 . S	should the	institute	conduct	classes	in	remote	villages	?
---------------	------------	-----------	---------	---------	----	--------	----------	---

Arguments:

- I. Yes, this will help those students who belong to villages and cannot visit urban areas for studies.
- II. No, this is not an economically viable proposal, as the number of students who attend such classes cannot contribute to break-even.
- (1) Only argument I is strong
- (2) Only argument II is strong
- (3) Neither I nor II is strong
- (4) Both I and II are strong
- 21. A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
 - (1) Daughter

(2) Mother

(3) Sister

- (4) Grand Daughter
- 22. Sanjeev ranks seventh from the top and twenty-eight from the bottom in a class. How many students are there in the class?
 - (1) 34

(2) 37

(3) 35

- (4) 36
- 23. Which option is right chronology: 1. Birth 2. Death 3. Funeral 4. Marriage 5. Education?
 - (1) 4, 5, 3, 1, 2

(2) 2, 3, 4, 5, 1

(3) 1, 5, 4, 2, 3

(4) 1, 3, 4, 5, 2

24	. 196 : 256 : : 324 :	
,	(1) 361	(2) 400
	(3) 484	(4) 529
25.	A watch reads 4.30 PM. If the mand point?	inute hand points East, in what direction will the hour
	(1) North-West	(2) North-East
	(3) South-West	(4) South-East
26.	I hurt my knee quite badly so	•••••
	(1) I had to go to hospital	
	(2) I did not have the right running	g shoes
	(3) I did not have the bandage	
	(4) It was bleeding profusely	
27.	I did not work hard at school. Cons	equently
	(1) I did well at university	
	(2) I failed most of my exams	
	(3) I did not work hard in college	
	(4) I was good at mathematics	
28.	I am scared making	a fool of myself when I give the presentation.
	(1) for	(2) to
	(3) of	(4) by
29.	There are many things	with our society today
	(1) bad	(2) wrong
	(3) disturbing	(4) inappropriate
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30 .	The word neatest in meaning to ESOT	TERIC is
	(1) mysterious	(2) hidden
	(3) profound	(4) common
31.	Antonym of DEBAUCHERY is	••••••
	(1) virtue	(2) sensuality
	(3) binge	(4) lewd
32.	I did not work hard at school. Conseq	uently
	(1) I did well at university	
	(2) I failed most of my exams	
	(3) I did not work hard in college	
	(4) I was good at mathematics	
33.	Synonym of CONFOUND is	
	(1) confuse	(2) enlighten
	(3) explain	(4) muddy
34.	The nearest meaning of the phrase 'to	get one's back up' is
	(1) to rouse one's anger	(2) back pain
	(3) to rise and sit upright	(4) to motivate
35	In spite of the fact that learning to s effort,	peak a foreign language requires a lot of time and
	(1) many people give up after a shor	rt time
	(2) many people manage it successf	fully
	(3) people take training	
	(4) many people learn it later	
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36. Word nearest in meaning to PARODY is		
	(1) imitation	(2) flattery
	(3) praise	(4) ridicule
37.	I agree that he is attractive	e, I think he is not beautiful.
	(1) while	(2) even though
	(3) because	(4) assuming that
38.	The nearest meaning of the phrase 'to ra	in cats and dogs' is
	(1) to rain non-stop	(2) heavy rain
-	(3) fight among cats and dogs	(4) drizzling
39.	The <i>correct</i> option for use of 'the' is	
	(1) the Mount Everest	(2) the Himalayas
	(3) the oxford road	(4) the central park
40	One way to improve your health	n is to eat more fruit and vegetables
	(1) you could increase risk of your hear	t disease
	(2) you could exercise more	
	(3) you could fall ill	
	(4) you could go on diet	
4	1. Synonym of TANGIBLE is	
	(1) concrete	(2) actual
	(3) sensible	(4) abstract
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42.	He me deny the truth.	
,	(1) dared	(2) asked
	(3) challenged	(4) told
43.	Technology that is obsolete is	
	(1) very new	(2) no longer useful
	(3) modern	(4) expensive
44.	The word that does not belong to the is	e same meaning group as the word TITTER
	(1) whisper	(2) giggle
	(3) snigger	(4) chuckle
45.	The word that does not belong to the is	e same meaning group as the word STROLL
	(1) walk	(2) tumble
	(3) amble	(4) pace
46.	The coffee is very weak. I like it a bit.	
	(1) weaker	(2) stronger
	(3) colder	(4) strong
47.	We met a lot of interesting people	our holiday.
	(1) while	(2) during
	(3) in	(4) after
48.	. It was very hot yesterday, but today it	is
	(1) hotter	(2) even hotter
	(3) colder	(4) hot

49.	One who loves books is known as	
	(1) bibliophile	(2) intellectual
	(3) scholar	(4) reader
50.	Do not wait for me. I do not w	ant to
	(1) hold up you	(2) hold you up
	(3) wait	(4) come up
51. Which city is the host of the W20 Inception Meeting under India's G-20		V20 Inception Meeting under India's G-20 Presidency?
	(1) Chennai	(2) Kochi
	(3) Aurangabad	(4) Bhubaneswar
52. Gyalsung Infra Project, to which India provided a grant of Rs. 2 billion with which country?		ich India provided a grant of Rs. 2 billion, is associated
	(1) Sri Lanka	(2) Nepal
	(3) Bhutan	(4) Myanmar
53. The 'Ayushman Bharat Digital Mission' was launched in which year?		l Mission' was launched in which year ?
	(1) 2016	(2) 2018
	(3) 2019	(4) 2021
54. Which institution releases the 'Methane Global Tracker Report'?		'Methane Global Tracker Report' ?
	(1) UNEP	(2) IEA
	(3) UNFCCC	(4) World Bank
55.	'Harbinger 2021' is the global hackathon organised by which institution?	
	(1) SEBI	(2) Niti Aayog
	(3) RBI	(4) Indian Army
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56.	What is the GDP Growth projection for India in FY23, as per OECD's recent report (June, 2022)?	
	(1) 8.2%	(2) 7.5%
	(3) 7.2%	(4) 6.9%
57 .	Which institution/ department notifies cost inflation index (CII) every year ?	
	(1) Reserve Bank of India	•
	(2) Central Board of Direct Taxes	
	(3) National Statistical Office	
	(4) Department of Economic Affairs	
58.	8. The Indian to beat the computers in mathematical wizardry is:	
	(1) Ramanujam	(2) Rina Panigrahi
	(3) Raja Ramanna	(4) Shakunthala Devi
59.	59. Jude Felix is a famous Indian player in which of the fields?	
	(1) Volleyball	(2) Tennis
	(3) Football	(4) Hockey
60.	Indian Council for Cultural Relationship company to promote Sanskrit?	ons (ICCR) partnered with which technology
	(1) Microsoft	(2) Meta
	(3) Twitter	(4) Google
61.	. The International Film Festival of In language cinema?	idia (IFFI) 2022 is celebrating 50 years of which
	(1) Gujarati	(2) Urdu
	(3) Manipuri	(4) Bengali

62.	In which of the following North Eastern states of India inhabit the Nishi tribe?	
	(1) Meghalaya	(2) Arunachal Pradesh
	(3) Nagaland	(4) Manipur
63.	How many metropolitan cities are there in India?	
	(1) 8	(2) 9
	(3) 13	(4) 23
64.	Arrange the following hill stations as per the descending order of their height:	
	(a) Mussoorie	(b) Araku-Valley
	(c) Pachmarhi	(d) Gulmarg
	Choose the correct option from the codes given below:	
	(1) d, c, a, b	(2) d, b, a, c
	(3) a, b, d, c	(4) d, a, c, b
65.	Which of the following Constitution?	ng states is not included in the sixth schedule of Indian
	(1) Meghalaya	(2) Tripura
	(3) Mizoram	(4) Manipur
66.	Which among the following articles helped the Madarsas in India to remain out of purview of the Right to Education Act?	
	(1) Article 26	(2) Article 27
	(3) Article 28	(4) Article 30

- 67. The correct term among the mentioned revolutions that properly corresponds to 'fertilizers' is?
 - (1) Silver Revolution
 - (2) The Grey Revolution
 - (3) Golden Revolution
 - (4) Pink Revolution
- 68. Which among the below mentioned can be stated as the primary goal of ATAL incubators?
 - (1) To encourage creativity
 - (2) To instil and grow the sense of entrepreneurship
 - (3) To develop industries
 - (4) To enhance product development and quality
- 69. Ten-rupee note contains the signature of:
 - (1) Finance Secretary, Government of India
 - (2) Chairman, Reserve Bank of India
 - (3) Finance Minister, Government of India
 - (4) Governor, Reserve Bank of India

70. Modvat is:

- (1) Modified value added
- (2) A term used in excise which is a new scheme of indirect taxes
- (3) Scheme which allows a manufacturer to claim instant reimbursement of the excise duty paid on the raw materials used for the production of the final goods
- (4) All of the above

71. What is another word for 'precarious'?		
	(1) Secure	(2) Exalted
	(3) Uncertain	(4) Important
72. What is the synonym of the word 'Parochial'?		chial'?
	(1) Abstract	(2) Unorthodox
	(3) Baffling	(4) Conservative
73.	73. Harild Pinter was awarded the Noble Prize for Literature in:	
	(1) 2000	(2) 2002
	(3) 2003	(4) 2005
74. Fa Xian began his journey back home from which of the following Indian S		from which of the following Indian State:
	(1) Bihar	(2) Maharashtra
	(3) Bengal	(4) Odisha
75.	The year 1856 as significant in the history of Indian Society because of:	
	(1) Hindu Widow Remarriage Act was	s passed.
(2) An Act against Female Infanticide was passed.		was passed.
	(3) An Act against Sati System was passed.	
	(4) An Act against Witch Hunting was passed.	
76	. The average of four consecutive even numbers is 29. Find the largest of these numbers	
	(1) 38	(2) 36
	(3) 34	(4) 32
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77	7. If 391 bananas were distributed amongst 3 monkeys in the ratio of 1/2 : 2/3 : 3/4. How many bananas did the first monkey get ?		
	(1) 102	(2) 112	
	(3) 108	(4) 104	
78.	There are five vessels, with equal capacities, each containing some milk. The quantities of milk in the 5 vessels are in the ratio 4:5:6:7:8. The total quantity of milk in the 5 vessels is equal to the 75% of the total capacity of the 5 vessels. How many of the vessels are at least 64% full of milk?		
,	(1) 1	(2) 4	
	(3) 3	(4) 2	
79.	A and B can do a wand C work together (1) 5 days	work in 12 days. B and C in 15 days and C and A in 20 days. If A, B er, how many days will they take to complete the work?	
	(3) 7.5 days	(2) 10 days (4) 15.25 days	
80.	Average cost of 5 of bananas is Rs. 48. F	ranges and 4 bananas is Rs. 36. The average cost of 7 oranges and 8 and the total cost of 24 oranges and 24 bananas.	
	(1) 1044	(2) 168	
	(3) 2088	(4) 324	
81,	three women join th	a group of 20 women, of whom the youngest is 32 and the eldest is two women with ages 45 years and 50 years leave the group and he group, the average remains unchanged. What is the average age who joined the group later?	
	(1) 32	(2) 45	
	(3) 238	(4) 48	
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	Rs. 320. The original rate in (Rs. Per kg) of wheat was:		
	(1) 16	(2) 18	
	(3) 20	(4) 21	
83.	between the two countries. T	s a success rate of 60% against India in all ODIs played they lost the next 30 ODIs in a row to India and their 30%. The total number of ODIs played between the 2	
	(1) 50	(2) 60	
	(3) 45	(4) 50	
84.	Mrinal and Minu. The three be asks them their ages. All excessays "I am half as old as Same is three-fifths the sum of the atthan Shreya". Minu says "the	three boys, go for a picnic. The three girls are Shreya, by are Amar, Sameer and Anwar. On their way, a person pt Sameer give some information about their ages. Amar are and two-thirds as old as Mrinal". Shreya says "My age ges of Amar and Minu. Mrinal says "I am six years older sum of the ages of Anwar, Mrinal and Shreya is equal to ar, Sameer and myself, Anwar says "I am 20 years old".	
	Who is youngest in the group	?	
	(1) Mrinal	(2) Anwar	
	(3) Minu	(4) Shreya	
85.	There were three partners, A, B, C in a business, and each had a share of the profits in proportion to his capital. A's capital was Rs. 240; B's Rs. 640; and A' share was Rs. 15 in every Rs.100. Find B's share of profits and C's capital.		
	(1) Rs. 40 in every Rs. 100; R	s. 720	
	(2) Rs. 20 in every Rs. 100; R		
,	(3) Rs. 45 in every Rs. 100; R		
	(4) Rs. 35 in every Rs. 100; R		
PG-EI	E-June, 2023/(MBA/MTTM/M		

86.	to be le	ending money at simple interest, but he includes the interest lating the principal. If he is charging an interest of 10%, the comes:	
	(1) 9.5%	(2) 10.25%	
	(3) 10.5%	(4) 10.75%	
87.	3 hours at 150 km/h. On a	B. P usually goes to meet Q at B. He covers the distance in particular day Q started moving away from P, while P was took total 5 hours to meet Q. What is the ratio of speeds of	
	(1) 8:5	(2) 4:3	
	(3) 3:2	(4) 5:2	
88.	A wrist watch which is running 12 minutes late on a Sunday noon is 16 minutes ahead of the correct time at 12 noon on the next Sunday. When is the clock 8 minutes ahead of time?		
	(1) Thursday 10 AM	(2) Friday 8 PM	
	(3) Friday noon	(4) Tuesday noon	
89.	Ramu manufactures ceramic cups. On any day he manufactures as many cups as the cost to make per cup. Everyday Ramu sells all of his cups at a profit of Rs. 10 per cup. If at the end of the day he makes a profit of 5%, then how much profit did he make by the end of every day?		
	(1) 1000	(2) 1200	
	(3) 1500	(4) 2000	
90.	Surface area of a hollow cy	linder with, radius and height is measured by	
	(1) $2\pi rh$	(2) $2\pi r$	
	(3) πrh	$(4) 2\pi r - h$	
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91. Polygon's exterior angles sum up to

(1) 120°

(2) 360°

(3) 720°

(4) None of these

92. In the following question, two equations are given. You have to solve them and mark one of the following as answers:

I.
$$X^2 + 17 X + 72 = 0$$

II.
$$Y^2 + 15 Y + 56 = 0$$

(1) X > Y

(2) X < Y

(3) $X \ge Y$

 $(4) X \leq Y$

93. Find the linear equation in two variables which form a system of equations with x - 2y = 3 that has infinitely many solutions:

- (1) 2x 4y = 9
- (2) 4x 8y = 12
- (3) 3x 4y = 9
- (4) None of the above

94. A company CEO invited nine persons for a business meeting, where the host will be seated at a circular table. How many different arrangements are possible if two invitees X and Y be seated on either side of the host CEO?

(1) 10080

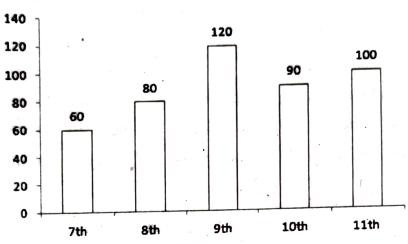
(2) 10800

(3) 9200

(4) 4600

Directions (Question 95 & 96): Use the below data to answer the questions.

The bar graph given below shows the total number of students before promotion in different classes of a school and the table shows the percentage of students in each class who are promoted to the next higher class.



Class	Percentage
7th	$66\frac{2}{3}$
8th	25
9th	80
10th	$33\frac{1}{3}$
11th	•••

95. If 20% of students of class 7th are demoted to class 6th, then find the ratio of no. of students who remain in class 7th to the number of students who get promoted to class 11th. (Note: no student from class 7th leaves the school):

- (1) 2:15
- (2) 4:15
- (3) 1:5
- (4) 1:3

96. The students who get promoted to class 11th go for one of the three streams – Science, Arts or Commerce in ratio 3:1:2 respectively. Find the difference between number of students who opted for Science and those who opted for Arts out of the promoted students.

- (1) 15
- (2) 13
- (3) 12
- (4) 10

97. The ratio of magnitude of curved surface area to the volume of cylinder is 1:7 and the ratio of diameter of the base to the height of cylinder is 4:3. Find total surface area of cylinder (in cm²)?

(1) 3100

(2) 3000

(3) 3180

(4) 3080

98. A container contains mixture of milk and water in the ratio 7: x. If 20 litre of water is added to mixture then ratio of milk to water becomes 7: 15 and if 10 litres of water is added then ratio of milk to water becomes 14: 25. Find initial quantity of milk in the mixture:

(1) 42 L

(2) 28 L

(3) 35 L

(4) 21 L

99. A can do a work in x days and B can complete the same work in (x + 4) day. If Λ is 25% more efficient than B, then find the time in which A and B together can complete the whole work working alternatively on each day starting from Λ:

(1) $17\frac{3}{4}$ days

(2) $12\frac{2}{5}$ days

(3) $15\frac{2}{3}$ days

(4) $20\frac{2}{3}$ days

100. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

(1) 10/21

(2) 11/21

(3) 2/7

(4) 5/7

Total No. of Printed Pages: 21

(DO NOT OPEN THIS QUESTION BOOKLET BEFORE TIME OR UNTIL YOU

C

ARE ASKED TO DO SO) PG-EE-June, 2023

SET-X

SUBJECT: MBA/MTTM/MHMCT

10963

		Sr. No
Time : 1¼ Hours Roll No. (in figures)	Max. Marks : 100	Total Questions : 100
Name		
Father's Name	Mother's Name	
Date of Examination	and the second second	
(Signature of the Candidate)		(Signature of the Invigilator)

CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

- 1. All questions are compulsory.
- 2. The candidates *must return* the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfairmeans / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- 3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint if any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

1. Which city is the host of the	W20 Inception Meeting under India's G-20 Presidency?
(1) Chennai	(2) Kochi
(3) Aurangabad	(4) Bhubaneswar
2. Gyalsung Infra Project, to w with which country?	which India provided a grant of Rs. 2 billion, is associated
(1) Sri Lanka	(2) Nepal
(3) Bhutan	(4) Myanmar
3. The 'Ayushman Bharat Digi	tal Mission' was launched in which year?
(1) 2016	(2) 2018
(3) 2019	(4) 2021
4. Which institution releases the	ne 'Methane Global Tracker Report' ?
(1) UNEP	(2) IEA
(3) UNFCCC	(4) World Bank
5. 'Harbinger 2021' is the glob	al hackathon organised by which institution?
(1) SEBI	(2) Niti Aayog
(3) RBI	(4) Indian Army
6. What is the GDP Growth (June, 2022)?	projection for India in FY23, as per OECD's recent report
(1) 8.2%	(2) 7.5%
(3) 7.2%	(4) 6.9%
PG-EE-June, 2023/(MBA/MTT)	M/MHMCT)(SET-X)/(C) P. T. O

7	. Which institution/ departme	ent notifies cost inflation index (CII) every year?
	(1) Reserve Bank of India	
	(2) Central Board of Direct	Taxes
	(3) National Statistical Off	ice
	(4) Department of Econom	ic Affairs
8.	. The Indian to beat the comp	outers in mathematical wizardry is:
	(1) Ramanujam	(2) Rina Panigrahi
	(3) Raja Ramanna	(4) Shakunthala Devi
9.	Jude Felix is a famous India	n player in which of the fields?
	(1) Volleyball	(2) Tennis
	(3) Football	(4) Hockey
10.	Indian Council for Cultur company to promote Sanskri	al Relations (ICCR) partnered with which technology t?
	(1) Microsoft	(2) Meta
	(3) Twitter	(4) Google
1.	The International Film Festi language cinema?	val of India (IFFI) 2022 is celebrating 50 years of which
	(1) Gujarati	(2) Urdu
	(3) Manipuri	(4) Bengali
2.	In which of the following No.	rth Eastern states of India inhabit the Nishi tribe?
	(1) Meghalaya	(2) Arunachal Pradesh
	(3) Nagaland	(4) Manipur
***	2022/(MAD A /MATCHMA/M	AND CONCET VIVO

13.	How many metropolitan of	cities are there in India ?
	(1) 8	(2) 9
	(3) 13	(4) 23
14.	Arrange the following hi	Il stations as per the descending order of their height:
	(a) Mussoorie	(b) Araku-Valley
	(c) Pachmarhi	(d) Gulmarg
	Choose the <i>correct</i> option	n from the codes given below:
	(1) d, c, a, b	(2) d, b, a, c
	(3) a, b, d, c	(4) d, a, c, b
15	. Which of the following Constitution?	ng states is not included in the sixth schedule of Indian
	(1) Meghalaya	(2) Tripura
	(3) Mizoram	(4) Manipur
16	6. Which among the followard purview of the Right to	owing articles helped the Madarsas in India to remain out of Education Act?
	(1) Article 26	(2) Article 27
	(3) Article 28	(4) Article 30
1	7. The correct term ame 'fertilizers' is?	ong the mentioned revolutions that properly corresponds to
	(1) Silver Revolution	(2) The Grey Revolution
	(3) Golden Revolution	(4) Pink Revolution
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18.	Which among the below mentioned can be stated as the primary goal of ATA incubators?
	(1) To encourage creativity
	(2) To instil and grow the sense of entrepreneurship
	(3) To develop industries
	(4) To enhance product development and quality
19.	Ten-rupee note contains the signature of:
	(1) Finance Secretary, Government of India
	(2) Chairman, Reserve Bank of India
	(3) Finance Minister, Government of India
	(4) Governor, Reserve Bank of India
20.	Modvat is:
	(1) Modified value added
	(2) A term used in excise which is a new scheme of indirect taxes
	(3) Scheme which allows a manufacturer to claim instant reimbursement of the excise duty paid on the raw materials used for the production of the final goods
	(4) All of the above
21.	What is another word for 'precarious'?
	(1) Secure (2) Exalted
	(3) Uncertain (4) Important
22.	What is the synonym of the word 'Parochial'?
	(1) Abstract (2) Unorthodox
	(3) Baffling (4) Conservative
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	는 사람들이 되었다. 그런 사람들은 사람들이 되었다면 보고 있는 것이 되었다면 보고 있다면 바람들이 되었다면 보고 있다면 사람들이 되었다면 보고 있다면 보고 되었다면 보고 있다면 보고 있다면 되었다면 보고 있다면 보

23.	Harild Pinter was awarded	the Noble Prize for Literatu	re in :
	(1) 2000	(2) 2002	The graphs will ask the first
	(3) 2003	(4) 2005	
24.	Fa Xian began his journey	back home from which of the	ne following Indian State:
	(1) Bihar	(2) Maharasi	ntra
	(3) Bengal	(4) Odisha	
25.	The year 1856 as significa	nt in the history of Indian So	ociety because of:
	(1) Hindu Widow Remar	riage Act was passed.	
	(2) An Act against Femal	e Infanticide was passed.	
	(3) An Act against Sati S	ystem was passed.	
	(4) An Act against Witch	Hunting was passed.	
26	In a code language, BLE the same language?	ND is written as ENHPG. I	How will WINNER be written in
	(1) ZKQPHT	(2) ZKQPH	U - was the first
	(3) YKQPHT	(4) ZKOPH	r
27	games, viz Carrom, Tab Tennis but not necessar different musical instrum Santoor, not necessarily Bridge but not Harmoni Guitar but not Table Te	ole Tennis, Badminton, Brid ily in the same order. Each nents, viz. Sitar, Guitar, Harr in the same order. B likes C arm or Tabla. The one who p nonis or Lawn Tennis. A play	dub and have liking for different ge, Hockey, Football and Lawn hone of them has a liking for monium, Flute, Tabla, Banjo and arrom and Banjo. E likes to play lays Hockey plays Sitar. F plays as badminton and Flute. The one Harmonium and G plays Hockey.
	(1) Table Tennis	(2) Lawn To	
	(3) Football	(4) Can't be	determined
PC	FF June 2022//MAD A /MATE	PA/MILMOTY/SET VI//C)	P.T.O

28.	If * stands for 'addition', / stands for	r 'subtraction', + stands for 'multiplication', and
	- stands for 'division', then 20 * 8 / 8 -	
	(1) 80	(2) 25
	(3) 24	(4) 5
29.	Insert the missing number in the series	s: 5, 17, 14, 26, 23, 35, 32,
	(1) 34	(2) 44
	(3) 54	(4) 35
30.	A man walked 20 m from a point to Again, he turned right and walked 8 m his distance now from starting point is	wards east, then turned right and walked 15 m. m. Once again, he turned right and walked 6 m.
	(1) 9 m	(2) 11 m
	(3) 12 m	(4) 15 m
31.	Introducing a boy, a girl said, "He is the How is the boy related to the girl?	ne son of the daughter of the father of my uncle."
	(1) Brother	(2) Nephew
	(3) Son-in-law	(4) Uncle
32.	and D is not seated near to E, who is s	ed. A is seated next to B, C is seated next to D, eated on the bench's left end. C is in the second the right of A. A and C are seated next to one
	(1) Between B and D	(2) Between B and C
	(3) Between E and D	(4) Between C and D
33.	Rank of Sujay is 15th from the bottom below if 3 new students will be added to	in a group of 25 students. Find his rank from the top of the list.
	(1) 14	(2) 11
	(3) 12	(4) 13
LFF	-June. 2023/(MBA/MTTM/MHMCT)	(SFT-Y)//C)

			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	그들은 많은 돈 맛이 있다면서 맛을 봤는데 가셨다면?
34.	Inse	ect : Disease	e::War:?	
	(1)	Army		(2) Defeat
	(3)	Arsenal		(4) Destruction
35.	Sta	itements:		
	I.	Importanc	e of Yoga and e	xercise is being realized by all sections of the society.
	II.		an increasing average are group of people	vareness about health in the society particularly among le.
	(1)	Statement	I is the cause ar	nd statement II is its effect
	(2)) Statement	II is the cause a	and statement I is its effect
	(3) Both the s	statements I and	II are independent causes
	(4) Both the s	statements I and	II are effects of independent causes
36	. Fi	nd the odd	number from the	given alternatives:
	(1) 626		(2) 841
	(3	3) 962		(4) 1090
37		tatement :		be a basic principle of human beings. All of us should
	(Conclusion 1	I: We all know t	the real meaning of Ahimsa.
	(Conclusion	II: Ahimsa pron	notes global harmony.
	(1) Only cor	nclusion I follow	
	(2) Only cor	nclusion II follow	VS
	((3) Both the	conclusions foll	ow
	((4) Neither	the conclusion I	nor conclusion II follows

38. Find the number of triangles in the given figure:



(1) 12

(2) 18

(3) 22

(4) 26

39. 4832, 5840, 6848, 7856, ?

(1) 8626

(2) 8765

(3) 8864

(4) 8432

40. If P denotes +, Q denotes \times , R denotes / and S denotes -, then 18 Q 12 P 4 R 5 S 6 = ?

(1) 59

(2) 65

(3) 53

(4) 36

41. Find the one which does not belong to that group?

(1) 27

(2) 37

(3) 47

(4) 67

42. Man: Biography:: Nation: ?

(1) Leader

(2) People

(3) Geography

(4) History

43. Two buses start from the opposite points of a main road, 150 kms apart. The first bus runs for 25 kms and takes a right turn and then runs for 15 kms. It then turns left and runs for another 25 kms and takes the direction back to reach the main road. In the meantime, due to a minor breakdown, the other bus run only 35 kms along the main road. What would be the distance between the buses at this point?

(1) 65 kms

(2) 75 kms

(3) 85 kms

(4) 95 kms

Statement: Anger is energy, in a more proactive way and how to channelize it is in itself a skill.

Assumptions:

C

- Anger needs to be channelized.
- II. Only skillful people can channelize anger to energy.
- (1) Only assumption I is implicit.
- (2) Only assumption II is implicit.
- (3) Either I or II is implicit.
- (4) Neither I nor II is implicit.
- 45. Should the institute conduct classes in remote villages?

Arguments:

- Yes, this will help those students who belong to villages and cannot visit urban areas for studies.
- II. No, this is not an economically viable proposal, as the number of students who attend such classes cannot contribute to break-even.
- (1) Only argument I is strong
- (2) Only argument II is strong
- (3) Neither I nor II is strong
- (4) Both I and II are strong
- 46. A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
 - (1) Daughter

(2) Mother

(3) Sister

(4) Grand Daughter

47.	many students are there in the class?		
	(1) 34	(2) 37	
	(3) 35	(4) 36	
48.	Which option is right 5. Education?	nt chronology: 1. Birth 2. Death 3. Funeral 4. Marriag	
	(1) 4, 5, 3, 1, 2	(2) 2, 3, 4, 5, 1	
	(3) 1, 5, 4, 2, 3	(4) 1, 3, 4, 5, 2	
49.	196:256::324:		
	(1) 361	(2) 400	
	(3) 484	(4) 529	
50.	A watch reads 4.30 PM hand point?	. If the minute hand points East, in what direction will the hour	
	(1) North-West	(2) North-East	
	(3) South-West	(4) South-East	
51.	The average of four cons	secutive even numbers is 29. Find the largest of these numbers.	
	(1) 38	(2) 36	
	(3) 34	(4)/32	
52.	If 391 bananas were distributed many bananas did the first	ributed amongst 3 monkeys in the ratio of 1/2: 2/3: 3/4. How st monkey get?	
	(1) 102	(2) 112	
	(3) 108	(4) 104	
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		그 그 그 그 그 그 그 그 그 그는 그렇게 되었다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	

53.	There are five vessels, with equal capacities, each containing some milk. The quantities of milk in the 5 vessels are in the ratio $4:5:6:7:8$. The total quantity of milk in the 5 vessels is equal to the 75% of the total capacity of the 5 vessels. How many of the		
	vessels are at least 64% full of	milk?	er englische State
	(1) 1	(2) 4	
	(3) 3	(4) 2	
54.		ays. B and C in 15 days and C an y days will they take to complete	STATE OF THE STATE
	(1) 5 days	(2) 10 days	
	(3) 7.5 days	(4) 15.25 days	
55.		4 bananas is Rs. 36. The average all cost of 24 oranges and 24 banan	· ·
	(1) 1044	(2) 168	
	(3) 2088	(4) 324	
56.	56, is 49 years. If two women	20 women, of whom the younges in with ages 45 years and 50 years he average remains unchanged. We the group later?	rs leave the group and
	(1) 32	(2) 45	
	(3) 38	(4) 48	
57.	A reduction of 20% in the pr Rs. 320. The original rate in (I	rice of wheat enables Soni to buy Rs. Per kg) of wheat was:	5 kg more wheat for
	(1) 16	(2) 18	
	(3) 20	(4) 21	
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58.	On a certain date, Pakistan has a success rate of 60% against India in all ODIs played
	between the two countries. They lost the next 30 ODIs in a row to India and their
	success rate comes down to 30%. The total number of ODIs played between the 2
	countries is:

(1) 50

(2) 60

(3) 45

(4) 50

59. Six children, three girls and three boys, go for a picnic. The three girls are Shreya, Mrinal and Minu. The three boys are Amar, Sameer and Anwar. On their way, a person asks them their ages. All except Sameer give some information about their ages. Amar says "I am half as old as Sameer and two-thirds as old as Mrinal". Shreya says "My age is three-fifths the sum of the ages of Amar and Minu. Mrinal says "I am six years older than Shreya". Minu says "the sum of the ages of Anwar, Mrinal and Shreya is equal to that of sum of the ages of Amar, Sameer and myself, Anwar says "I am 20 years old".

Who is youngest in the group?

(1) Mrinal

(2) Anwar

(3) Minu

(4) Shreya

- 60. There were three partners, A, B, C in a business, and each had a share of the profits in proportion to his capital. A's capital was Rs. 240; B's Rs. 640; and A' share was Rs. 15 in every Rs.100. Find B's share of profits and C's capital.
 - (1) Rs. 40 in every Rs. 100; Rs. 720
 - (2) Rs. 20 in every Rs. 100; Rs. 800
 - (3) Rs. 45 in every Rs. 100; Rs. 900
 - (4) Rs. 35 in every Rs. 100; Rs. 700

61.	A financier claims to be law to
	A financier claims to be lending money at simple interest, but he includes the interest
	to calculating the primary of your
	effective rate of interest becomes:

(1) 9.5%

(2) 10.25%

(3) 10.5%

(4) 10.75%

62. P lives at A and Q lives at B. P usually goes to meet Q at B. He covers the distance in 3 hours at 150 km/h. On a particular day Q started moving away from P, while P was moving towards B. Thus P took total 5 hours to meet Q. What is the ratio of speeds of P & Q?

(1) 8:5

(2) 4:3

(3) 3:2

(4) 5:2

63. A wrist watch which is running 12 minutes late on a Sunday noon is 16 minutes ahead of the correct time at 12 noon on the next Sunday. When is the clock 8 minutes ahead of time?

- (1) Thursday 10 AM
- (2) Friday 8 PM
- (3) Friday noon
- (4) Tuesday noon

64. Ramu manufactures ceramic cups. On any day he manufactures as many cups as the cost to make per cup. Everyday Ramu sells all of his cups at a profit of Rs. 10 per cup. If at the end of the day he makes a profit of 5%, then how much profit did he make by the end of every day?

(1) 1000

(2) 1200

(3) 1500

(4) 2000

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-	and the second s			
ee.	Cumfaga anna C 1 11		measured by .	
03.	Surface area of a hollow	cylinder with	radius and height is measured by:	

(1) $2\pi rh$

(2) $2\pi r$

(3) πrh

(4) $2\pi r - h$

66. Polygon's exterior angles sum up to

(1) 120°

(2) 360°

(3) 720°

(4) None of these

67. In the following question, two equations are given. You have to solve them and mark one of the following as answers:

- I. $X^2 + 17 X + 72 = 0$
- II. $Y^2 + 15 Y + 56 = 0$
- (1) X > Y

(2) X < Y

 $(3) X \ge Y$

(4) $X \le Y$

68. Find the linear equation in two variables which form a system of equations with x - 2y = 3 that has infinitely many solutions:

- (1) 2x 4y = 9
- (2) 4x 8y = 12
- (3) 3x 4y = 9
- (4) None of the above

69. A company CEO invited nine persons for a business meeting, where the host will be seated at a circular table. How many different arrangements are possible if two invitees X and Y be seated on either side of the host CEO?

(1) 10080

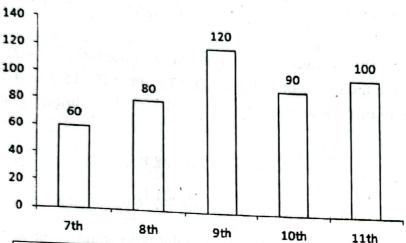
(2) 10800

(3) 9200

(4) 4600

Directions (Question 70 & 71): Use the below data to answer the questions.

The bar graph given below shows the total number of students before promotion in different classes of a school and the table shows the percentage of students in each class who are promoted to the next higher class.



3 4 4 1 1 2 1 1 1	LL Dr. Salt Sit India	
Class	Percentage	
7th	$66\frac{2}{3}$	1-3
8th	25	
9th	80	
10th	$33\frac{1}{3}$	
11th		r

- 70. If 20% of students of class 7th are demoted to class 6th, then find the ratio of no. of students who remain in class 7th to the number of students who get promoted to class 11th. (Note: no student from class 7th leaves the school):
 - (1) 2:15
- (2) 4:15
- (3) 1:5
- (4) 1:3
- 71. The students who get promoted to class 11th go for one of the three streams Science, Arts or Commerce in ratio 3:1:2 respectively. Find the difference between number of students who opted for Science and those who opted for Arts out of the promoted students.
 - (1) 15
- (2) 13
- (3) 12
- (4) 10

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70	The ratio of magnitude of curved surface area to the volume of cylinder is 1: / and the
12.	The fatto of magnitude of cut ved surface area of
	ratio of diameter of the base to the height of cylinder is 4:3. Find total surface area of
	cylinder (in cm ²)?

(1) 3100

(2) 3000

(3) 3180

(4) 3080

73. A container contains mixture of milk and water in the ratio 7: x. If 20 litre of water is added to mixture then ratio of milk to water becomes 7: 15 and if 10 litres of water is added then ratio of milk to water becomes 14: 25. Find initial quantity of milk in the mixture:

(1) 42 L

(2) 28 L

(3) 35 L

(4) 21 L

74. A can do a work in x days and B can complete the same work in (x + 4) day. If A is 25% more efficient than B, then find the time in which A and B together can complete the whole work working alternatively on each day starting from A:

(1) $17\frac{3}{4}$ days

(2) $12\frac{2}{5}$ days

(3) $15\frac{2}{3}$ days

(4) $20\frac{2}{3}$ days

75. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

(1) 10/21

(2) 11/21

(3) 2/7

(4) 5/7

76. I hurt my knee quite badly so

(1) I had to go to hospital

(2) I did not have the right running shoes

(3) I did not have the bandage

(4) It was bleeding profusely

77.	I did not work hard at school. Conse	quently	115- 18 Can
	(1) I did well at university		
	(2) I failed most of my exams		
	(3) I did not work hard in college		
	(4) I was good at mathematics		
78.	I am scared making	a fool of myself when I give the preser	station.
	(1) for	(2) to	nation.
	(3) of	(4) by	
79.	There are many things	with our society today.	
	(1) bad	(2) wrong	
	(3) disturbing	(4) inappropriate	
80.	The word neatest in meaning to ESC	OTERIC is	
	(1) mysterious	(2) hidden	
	(3) profound	(4) common	Placific No. 8
81.	Antonym of DEBAUCHERY is	redrigger in the second se	rio (1)
	(1) virtue	(2) sensuality	
	(3) binge	(4) lewd	
82,	I did not work hard at school. Conse	equently	
	(1) I did well at university		
	(2) I failed most of my exams		
	(3) I did not work hard in college		
	(4) I was good at mathematics	v Canto e se ribera se recola	
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83.	Synonym of CONFOUND is	
	(1) confuse	(2) enlighten
	(3) explain	(4) muddy
84.	The nearest meaning of the phrase 'to ge	t one's back up' is
	(1) to rouse one's anger	(2) back pain
	(3) to rise and sit upright	(4) to motivate
85.	In spite of the fact that learning to spea	k a foreign language requires a lot of time and
	(1) many people give up after a short ti	me
	(2) many people manage it successfully	
	(3) people take training	
	(4) many people learn it later	
86.	Word nearest in meaning to PARODY	is
	(1) imitation	(2) flattery
	(3) praise	(4) ridicule
87.	I agree that he is attracti	ve, I think he is not beautiful.
	(1) while	(2) even though
	(3) because	(4) assuming that
88.	The nearest meaning of the phrase 'to r	ain cats and dogs' is
	(1) to rain non-stop	(2) heavy rain
	(3) fight among cats and dogs	(4) drizzling
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89.	The correct option for use of 'the' is	
	(1) the Mount Everest	(2) the Himalayas
	(3) the oxford road	(4) the central park
90.	One way to improve your healt Alternatively	h is to eat more fruit and vegetables.
	(1) you could increase risk of your hea	rt disease
	(2) you could exercise more	
	(3) you could fall ill	
•	(4) you could go on diet	
91.	Synonym of TANGIBLE is	
	(1) concrete	(2) actual
	(3) sensible	(4) abstract
92.	He me deny the truth.	
	(1) dared	(2) asked
	(3) challenged	(4) told
93.	Technology that is obsolete is	
	(1) very new	(2) no longer useful
	(3) modern	(4) expensive
	The word that does not belong to the	e same meaning group as the word TITTER
	is	(2) giggle
	(1) whisper	(4) chuckle
PG-EF	(3) snigger S-June, 2023/(MBA/MTTM/MHMCT)(

		the word STROLL
95.	The word that does not belong to the	same meaning group as the word STROLL
	is	
	(1) walk	(2) tumble
	(3) amble	(4) pace
96.	The coffee is very weak. I like it a bit	
	(1) weaker	(2) stronger
	(3) colder	(4) strong
97.	We met a lot of interesting people	our holiday.
	(1) while	(2) during
	(3) in	(4) after
98.	It was very hot yesterday, but today it is	
	(1) hotter	(2) even hotter
	(3) colder	(4) hot
99.	One who loves books is known as	
	(1) bibliophile	(2) intellectual
	(3) scholar	(4) reader
100.	Do not wait for me. I do not want to	
	(1) hold up you	(2) hold you up
	(3) wait	(4) come up

Total No. of Printed Pages: 21

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SUBJECT: MBA/MTTM/MHMCT

11100

		Sr. No	
Time: 1¼ Hours Roll No. (in figures)	Max. Marks : 100	Total Questions: 100	
Name			
Father's Name			
Date of Examination			
(Signature of the Candidate)		(Signature of the Invigilator)	

CANDIDATES MUST READ THE FOLLOWING INFORMATION/INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

- 1. All questions are compulsory.
- 2. The candidates must return the question booklet as well as OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfairmeans / mis-behaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such a candidate will not be evaluated.
- 3. Keeping in view the transparency of the examination system, carbonless OMR Sheet is provided to the candidate so that a copy of OMR Sheet may be kept by the candidate.
- 4. Question Booklet along with answer key of all the A, B, C & D code shall be got uploaded on the University Website immediately after the conduct of Entrance Examination. Candidates may raise valid objection/complaint if any, with regard to discrepancy in the question booklet/answer key within 24 hours of uploading the same on the University Website. The complaint be sent by the students to the Controller of Examinations by hand or through email. Thereafter, no complaint in any case, will be considered.
- 5. The candidate *must not* do any rough work or writing in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself. Answers *must not* be ticked in the question booklet.
- 6. There will be no negative marking. Each correct answer will be awarded one full mark. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer.
- 7. Use only Black or Blue Ball Point Pen of good quality in the OMR Answer-Sheet.
- 8. Before answering the questions, the candidates should ensure that they have been supplied correct and complete booklet. Complaints, if any, regarding misprinting etc. will not be entertained 30 minutes after starting of the examination.

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1.	The average of four consecutive even numbers is 29. Find the largest of these numbers.			
	(1) 38	(2) 36		
	(3) 34	(4) 32		
2.	If 391 bananas were distributed amongst 3 monkeys in the ratio of 1/2: 2/3: 3/4. How			
	nany bananas did the first monkey get ?			
`	(1) 102	(2) 112		
	(3) 108	(4) 104		
3.	There are five vessels, with equal capacities, each containing some milk. The quantities of milk in the 5 vessels are in the ratio 4:5:6:7:8. The total quantity of milk in the 5 vessels is equal to the 75% of the total capacity of the 5 vessels. How many of the vessels are at least 64% full of milk?			
	(1) 1	(2) 4		
	(3) 3	(4) 2		
	A and B can do a work in 12 days. B and C in 15 days and C and A in 20 days. If A, B and C work together, how many days will they take to complete the work? (1) 5 days			
	(3) 7.5 days	(2) 10 days (4) 15.25 days		
	bananas is Rs. 48. Find the total cost of 24 oranges and 24 bananas.			
	(1) 1044	(2) 168		
	(3) 2088	(4) 324		
PG	-EE-June, 2023/(MBA/MTTM/MHMCT	그 그리 이 그리가 그 그는 그렇게 뭐 했다. 그 맛에서 얼굴을 보다 했다.		

2						
	6.	The average age of a group of 20 women, of whom the youngest is 32 and the eldest is 56, is 49 years. If two women with ages 45 years and 50 years leave the group and three women join the group, the average remains unchanged. What is the average age of the three women who joined the group later?				
		(1) 32	(2) 45			
		(3) 38	(4) 48			
	7.	A reduction of 20% in the price of wh	neat enables Soni to b	buy 5 kg more wheat fo		
		Rs. 320. The original rate in (Rs. Per kg) of wheat was:				
		(1) 16	(2) 18			
		(3) 20	(4) 21			
	8.	On a certain date, Pakistan has a success rate of 60% against India in all ODIs played between the two countries. They lost the next 30 ODIs in a row to India and their success rate comes down to 30%. The total number of ODIs played between the 2 countries is:				
		(1) 50	(2) 60			
		(3) 45	(4) 50			
•	9.	Six children, three girls and three boy Mrinal and Minu. The three boys are Arasks them their ages. All except Sameer says "I am half as old as Sameer and two is three-fifths the sum of the ages of Anthan Shreya". Minu says "the sum of the that of sum of the ages of Amar, Sameer	nar, Sameer and Anwar give some information o-thirds as old as Mrin har and Minu. Mrinal se e ages of Anwar, Mrin	or. On their way, a person about their ages. Amar al". Shreya says "My age ays "I am six years older al and Shreya is equal to		
		Who is youngest in the group?				
		(1) Mrinal	(2) Anwar			
		(3) Minu	(4) Shreya			
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- 10. There were three partners, A, B, C in a business, and each had a share of the profits in proportion to his capital. A's capital was Rs. 240; B's Rs. 640; and A' share was Rs. 15 in every Rs.100. Find B's share of profits and C's capital.
 - (1) Rs. 40 in every Rs. 100; Rs. 720
 - (2) Rs. 20 in every Rs. 100; Rs. 800
 - (3) Rs. 45 in every Rs. 100; Rs. 900
 - (4) Rs. 35 in every Rs. 100; Rs. 700
- 11. A financier claims to be lending money at simple interest, but he includes the interest every six months for calculating the principal. If he is charging an interest of 10%, the effective rate of interest becomes:
 - (1) 9.5%

(2) 10.25%

(3) 10.5%

- (4) 10.75%
- 12. P lives at A and Q lives at B. P usually goes to meet Q at B. He covers the distance in 3 hours at 150 km/h. On a particular day Q started moving away from P, while P was moving towards B. Thus P took total 5 hours to meet Q. What is the ratio of speeds of P & Q?
 - (1) 8:5

(2) 4:3

(3) 3:2

- (4) 5:2
- 13. A wrist watch which is running 12 minutes late on a Sunday noon is 16 minutes ahead of the correct time at 12 noon on the next Sunday. When is the clock 8 minutes ahead of time?
 - (1) Thursday 10 AM
 - (2) Friday 8 PM
 - (3) Friday noon
 - (4) Tuesday noon

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14.	Ramu manufactures ceramic cups. On any day he manufactures as many cups as the				
	cost to make per cup. Everyday Ramu sells all of his cups at a profit of Rs. 10 per cup.				
	If at the end of the day he makes a profit of 5%, then how much profit did he make by				
	the end of every day?				

(1) 1000

(2) 1200

(3) 1500

(4) 2000

15. Surface area of a hollow cylinder with, radius and height is measured by :

(1) $2\pi rh$

(2) $2\pi r$

(3) πrh

(4) $2\pi r - h$

16. Polygon's exterior angles sum up to

(1) 120°

 $(2) 360^{\circ}$

(3) 720°

(4) None of these

17. In the following question, two equations are given. You have to solve them and mark one of the following as answers:

I.
$$X^2 + 17 X + 72 = 0$$

II.
$$Y^2 + 15 Y + 56 = 0$$

(1) X > Y

(2) X < Y

(3) X ≥ Y

 $(4) X \leq Y$

18. Find the linear equation in two variables which form a system of equations with x - 2y = 3 that has infinitely many solutions:

(1)
$$2x - 4y = 9$$

(2)
$$4x - 8y = 12$$

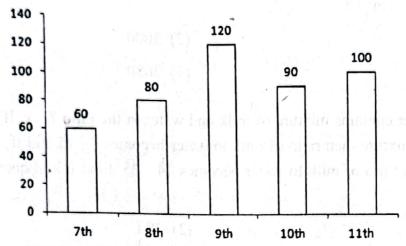
(3)
$$3x - 4y = 9$$

(4) None of the above

- 19. A company CEO invited nine persons for a business meeting, where the host will be seated at a circular table. How many different arrangements are possible if two invitees X and Y be seated on either side of the host CEO?
 - (1) 10080
- (2) 10800
- (3) 9200
- (4) 4600

Directions (Question 20 & 21): Use the below data to answer the questions.

The bar graph given below shows the total number of students before promotion in different classes of a school and the table shows the percentage of students in each class who are promoted to the next higher class.



Class	S (10.10)
Class	Percentage
7th	$66\frac{2}{3}$
8th	25
9th	80
10th	$33\frac{1}{3}$
11th	and the later

- 20. If 20% of students of class 7th are demoted to class 6th, then find the ratio of no. of students who remain in class 7th to the number of students who get promoted to class 11th. (Note: no student from class 7th leaves the school):
 - (1) 2:15
- (2) 4:15
- (3) 1:5
- (4) 1:3

- 21. The students who get promoted to class 11th go for one of the three streams Science, Arts or Commerce in ratio 3:1:2 respectively. Find the difference between number of students who opted for Science and those who opted for Arts out of the promoted students.
 - (1) 15

(2) 13

(3) 12

(4) 10

- 22. The ratio of magnitude of curved surface area to the volume of cylinder is 1:7 and the ratio of diameter of the base to the height of cylinder is 4:3. Find total surface area of cylinder (in cm²)?
 - (1) 3100

(2) 3000

(3) 3180

- (4) 3080
- 23. A container contains mixture of milk and water in the ratio 7: x. If 20 litre of water is added to mixture then ratio of milk to water becomes 7: 15 and if 10 litres of water is added then ratio of milk to water becomes 14: 25. Find initial quantity of milk in the mixture:
 - (1) 42 L

(2) 28 L

(3) 35 L

- (4) 21 L
- 24. A can do a work in x days and B can complete the same work in (x + 4) day. If A is 25% more efficient than B, then find the time in which A and B together can complete the whole work working alternatively on each day starting from A:

(1)
$$17\frac{3}{4}$$
 days

(2)
$$12\frac{2}{5}$$
 days

(3)
$$15\frac{2}{3}$$
 days

(4)
$$20\frac{2}{3}$$
 days

- 25. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?
 - (1) 10/21

(2) 11/21

(3) 2/7

(4) 5/7

26.	Which city is the host of the V	W20 Inception Meeting under India's G-20 Presidency?
	(1) Chennai	(2) Kochi
	(3) Aurangabad	(4) Bhubaneswar
27.	Gyalsung Infra Project, to whe with which country?	nich India provided a grant of Rs. 2 billion, is associated
	(1) Sri Lanka	(2) Nepal
	(3) Bhutan	(4) Myanmar
28.	The 'Ayushman Bharat Digita	l Mission' was launched in which year?
	(1) 2016	(2) 2018
	(3) 2019	(4) 2021
29.	Which institution releases the	'Methane Global Tracker Report' ?
	(1) UNEP	(2) IEA
	(3) UNFCCC	(4) World Bank
30.	'Harbinger 2021' is the global	hackathon organised by which institution?
	(1) SEBI	(2) Niti Aayog
	(3) RBI	(4) Indian Army
31.	What is the GDP Growth pro	ojection for India in FY23, as per OECD's recent report
	(June, 2022)?	en Toj kan kaj marin kaj virjaktigni vastrantaj in jengalije i seza.
	(1) 8.2%	(2) 7.5%
	(3) 7.2%	(4) 6.9%
a er	T 2022//NAD + (2.57777.572	

32.	Which institution/ department notifies of	ost inflation index (Cir	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(1) Reserve Bank of India		
	(2) Central Board of Direct Taxes		
	(3) National Statistical Office		
	(4) Department of Economic Affairs		
33.	The Indian to beat the computers in mat	hematical wizardry is	
	(1) Ramanujam	(2) Rina Panigrahi	
	(3) Raja Ramanna	(4) Shakunthala Dev	i
34.	Jude Felix is a famous Indian player in	which of the fields?	1976 1976 1987 1984 1994
	(1) Volleyball	(2) Tennis	
	(3) Football	(4) Hockey	
35.	Indian Council for Cultural Relation company to promote Sanskrit?	as (ICCR) partnered	with which technology
	(1) Microsoft	(2) Meta	100000
	(3) Twitter	(4) Google	
36.	The International Film Festival of Indilanguage cinema?	a (IFFI) 2022 is celeb	rating 50 years of which
	(1) Gujarati	(2) Urdu	기수의 기계를 통해 스토트 (1982년) 1일 - 1일 - 1일 - 1일 (1982년)
	(3) Manipuri	(4) Bengali	Principal of males (SE)
37.	In which of the following North Eastern	states of India inhabit	the Nishi tribe ?
	(1) Meghalaya	(2) Arunachal Prades	sh
	(3) Nagaland	(4) Manipur	
PG-EI	E-June, 2023/(MBA/MTTM/MHMCT)	(SET-X)/(D)	e ster ke sat, parkin din di

00.	new many metropolitan cities are there i	n India ?
	(1) 8	(2) 9
	(3) 13	(4) 23
39.	Arrange the following hill stations as per	the descending order of their height:
	(a) Mussoorie	(b) Araku-Valley
	(c) Pachmarhi	(d) Gulmarg
	Choose the correct option from the code	s given below:
	(1) d, c, a, b	(2) d, b, a, c
	(3) a, b, d, c	(4) d, a, c, b
40.	Which of the following states is no Constitution?	t included in the sixth schedule of Indian
	(1) Meghalaya	(2) Tripura
	(3) Mizoram	(4) Manipur
41.	Which among the following articles he purview of the Right to Education Act?	elped the Madarsas in India to remain out of
	(1) Article 26	(2) Article 27
	(3) Article 28	(4) Article 30
42.	10 .:11 1 != 0	ed revolutions that properly corresponds to
	(1) Silver Revolution	(2) The Grey Revolution
	(3) Golden Revolution	(4) Pink Revolution
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43.	Which among the below mentioned incubators?	can be stated as the primary goal of ATAL
	(1) To encourage creativity	
	(2) To instil and grow the sense of entr	repreneurship
	(3) To develop industries	
	(4) To enhance product development a	nd quality
44.	Ten-rupee note contains the signature of	r:
	(1) Finance Secretary, Government of	India
	(2) Chairman, Reserve Bank of India	
	(3) Finance Minister, Government of In	ndia
	(4) Governor, Reserve Bank of India	
45.	Modvat is :	- 1. : : : : : : : : : : : : : : : : : :
40.	(1) Modified value added	
	(2) A term used in excise which is a ne	w scheme of indirect taxes
		rer to claim instant reimbursement of the excise for the production of the final goods
	(4) All of the above	
46.	What is another word for 'precarious'?	
	(1) Secure	(2) Exalted
	(3) Uncertain	(4) Important
47.	What is the synonym of the word 'Paroc	hial' ?
	(1) Abstract	(2) Unorthodox
	(3) Baffling	(4) Conservative
PG-EI	E-June, 2023/(MBA/MTTM/MHMCT)	(SET-X)/(D)

48.	Harild Pinter was awarded the Noble Prize for Literature in:
	(1) 2000 (2) 2002
	(3) 2003 (4) 2005
49.	Fa Xian began his journey back home from which of the following Indian State:
	(1) Bihar (2) Maharashtra
	(3) Bengal (4) Odisha
50.	The year 1856 as significant in the history of Indian Society because of:
	(1) Hindu Widow Remarriage Act was passed.
, ,	(2) An Act against Female Infanticide was passed.
	(3) An Act against Sati System was passed.
	(4) An Act against Witch Hunting was passed.
51.	I hurt my knee quite badly so
	(1) I had to go to hospital
	(2) I did not have the right running shoes
	(3) I did not have the bandage
x)	(4) It was bleeding profusely
52.	I did not work hard at school. Consequently
	(1) I did well at university
	(2) I failed most of my exams
	(3) I did not work hard in college
	(4) I was good at mathematics
PG-EF	C-June, 2023/(MBA/MTTM/MHMCT)(SET-X)/(D) P. T. O.

53.	I am scared making a f	ool of myself when I give the p
	(1) for	(2) to
	(3) of	(4) by
54.	There are many things	with our society today.
	(1) bad	(2) wrong
	(3) disturbing	(4) inappropriate
55.	The word neatest in meaning to ESOT	ERIC is
	(1) mysterious	(2) hidden
	(3) profound	(4) common
56.	Antonym of DEBAUCHERY is	unicomo de mportados Aparista da 1780 e.C.
	(1) virtue	(2) sensuality
	(3) binge	(4) lewd
57.	I did not work hard at school. Consequ	ientlydi
	(1) I did well at university	
	(2) I failed most of my exams	je je je zapillong po kuptikaci ne er
	(3) I did not work hard in college	draisa) a skies torodog in fragiliko e fontali i
	(4) I was good at mathematics	gle in encolonité des lates que
58.	Synonym of CONFOUND is	
	(1) confuse	(2) enlighten
	(3) explain	(4) muddy
PG-E	E-June, 2023/(MBA/MTTM/MHMCT	Γ)(SET-X)/(D)

59.	The nearest meaning of the phrase 'to ge	t one's back up' is
	(1) to rouse one's anger	(2) back pain
	(3) to rise and sit upright	(4) to motivate
60.	In spite of the fact that learning to speareffort,	k a foreign language requires a lot of time and
	(1) many people give up after a short tir	
	(2) many people manage it successfully	
	(3) people take training	
	(4) many people learn it later	
61.	Word nearest in meaning to PARODY is	19 Mun Al and a
	(1) imitation	(2) flattery
	(3) praise	(4) ridicule
62.	I agree that he is attractive	re, I think he is not beautiful.
	(1) while	(2) even though
	(3) because	(4) assuming that
63.	The nearest meaning of the phrase 'to rai	in cats and dogs' is
	(1) to rain non-stop	(2) heavy rain
	(3) fight among cats and dogs	(4) drizzling
64.	The <i>correct</i> option for use of 'the' is	TO The word and address put fellow to the control of the control o
	(1) the Mount Everest	(2) the Himalayas
	(3) the oxford road	(4) the central park
PG-EF	E-June, 2023/(MBA/MTTM/MHMCT)(SET-X)/(D).

6	Alternatively	our health is to eat more fruit and vegetables.
	(1) you could increase risk of	
	(2) you could exercise more	
	(3) you could fall ill	
	(4) you could go on diet	
66	Synonym of TANGIBLE is	
	(1) concrete	(2) actual
	(3) sensible	(4) abstract
67	7. He me deny the	truth.
	(1) dared	(2) asked
	(3) challenged	(4) told
68	. Technology that is obsolete is	
	(1) very new	(2) no longer useful
	(3) modern	(4) expensive
69	. The word that does not belo	ong to the same meaning group as the word TITTER
	is	a a sainth i a papil, i ja pa ta ta ta figa a a a g
	(1) whisper	(2) giggle
	(3) snigger	(4) chuckle
70.	. The word that does not belo	ng to the same meaning group as the word STROLL
	(1) walk	(2) tumble
	(3) amble	(4) pace
PG-E	E-June, 2023/(MBA/MTTM/M	HMCT)(SET-X)/(D)

71.	The coffee is very weak. I like it a bit	
	(1) weaker	(2) stronger
	(3) colder	(4) strong
72.	We met a lot of interesting people	our holiday.
	(1) while	(2) during
	(3) in	(4) after
73.	It was very hot yesterday, but today it is	M
	(1) hotter	(2) even hotter
	(3) colder	(4) hot
74.	One who loves books is known as	
	(1) bibliophile	(2) intellectual
	(3) scholar	(4) reader
75.	Do not wait for me. I,do not want to	
	(1) hold up you	(2) hold you up
	(3) wait	(4) come up
76.	In a code language, BLEND is written the same language?	as ENHPG. How will WINNER be written in
	(1) ZKQPHT	(2) ZKQPHU
	(3) YKQPHT	(4) ZKOPHT
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77. A, B, C, D, E, F and G are members of a sports club and have liking for different games, viz Carrom, Table Tennis, Badminton, Bridge, Hockey, Football and Lawn Tennis but not necessarily in the same order. Each one of them has a liking for different musical instruments, viz. Sitar, Guitar, Harmonium, Flute, Tabla, Banjo and Santoor, not necessarily in the same order. B likes Carrom and Banjo. E likes to play Bridge but not Harmonium or Tabla. The one who plays Hockey plays Sitar. F plays Guitar but not Table Tennis or Lawn Tennis. A plays badminton and Flute. The one who plays Lawn Tennis does not play Tabla. C plays Harmonium and G plays Hockey. D plays which game?

(1) Table Tennis

(2) Lawn Tennis

(3) Football

(4) Can't be determined

78. If * stands for 'addition', / stands for 'subtraction', + stands for 'multiplication', and - stands for 'division', then 20 * 8 / 8 - 4 + 2 = ?

(1) 80

(2).25

(3) 24

(4) 5

79. Insert the missing number in the series : 5, 17, 14, 26, 23, 35, 32,

(1) 34

(2) 44

(3) 54

(4).35

80. A man walked 20 m from a point towards east, then turned right and walked 15 m. Again, he turned right and walked 8 m. Once again, he turned right and walked 6 m. his distance now from starting point is:

(1) 9 m

(2) 11 m

(3) 12 m

(4) 15 m

81. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle."
How is the boy related to the girl?

(1) Brother

(2) Nephew

(3) Son-in-law

(4) Uncle

82.	On a bench, A, B, C, D and E are seated. A is seated next to B, C is seated next to D, and D is not seated near to E, who is seated on the bench's left end. C is in the second from the right position. B and E are to the right of A. A and C are seated next to one other. What is A's sitting position?
	(1) Between B and D (2) Between B and C
	(3) Between E and D (4) Between C and D
83.	Rank of Sujay is 15th from the bottom in a group of 25 students. Find his rank from below if 3 new students will be added to the top of the list.
	(1) 14 (2) 11
	(3) 12
84.	Insect: Disease:: War:?
	(1) Army (2) Defeat
	(3) Arsenal (4) Destruction
85.	Statements:
	I. Importance of Yoga and exercise is being realized by all sections of the society.
	II. There is an increasing awareness about health in the society particularly among middle age group of people.
	(1) Statement I is the cause and statement II is its effect
	(2) Statement II is the cause and statement I is its effect
	(3) Both the statements I and II are independent causes
	(4) Both the statements I and II are effects of independent causes
86.	Find the odd number from the given alternatives:
	(1) 626 (2) 841
	(3) 962 (4) 1090

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87. Statement: Ahimsa should be a basic principle of human beings. All of us should practice Ahimsa.

Conclusion I: We all know the real meaning of Ahimsa.

Conclusion II: Ahimsa promotes global harmony.

- (1) Only conclusion I follows
- (2) Only conclusion II follows
- (3) Both the conclusions follow
- (4) Neither the conclusion I nor conclusion II follows
- 88. Find the number of triangles in the given figure:



(1) 12

(2) 18

(3) 22

- (4) 26
- 89. 4832, 5840, 6848, 7856, ?
 - (1) 8626

(2) 8765

(3) 8864

- (4) 8432
- 90. If P denotes +, Q denotes ×, R denotes / and S denotes -, then 18 Q 12 P 4 R 5 S 6 = ?
 - (1) 59

(2) 65

(3) 53

- (4) 36
- 91. Find the one which does not belong to that group?
 - (1) 27

(2) 37

(3) 47

(4) 67

92. Mail: Blography · · Nation ·	92.	Man:	Biography : Nation	
----------------------------------	-----	------	--------------------	--

(1) Leader

(2) People

(3) Geography

(4) History

93. Two buses start from the opposite points of a main road, 150 kms apart. The first bus runs for 25 kms and takes a right turn and then runs for 15 kms. It then turns left and runs for another 25 kms and takes the direction back to reach the main road. In the meantime, due to a minor breakdown, the other bus run only 35 kms along the main road. What would be the distance between the buses at this point?

(1) 65 kms

(2) 75 kms

(3) 85 kms

(4) 95 kms

94. Statement: Anger is energy, in a more proactive way and how to channelize it is in itself a skill.

Assumptions:

- I. Anger needs to be channelized.
- II. Only skillful people can channelize anger to energy.
- (1) Only assumption I is implicit.
- (2) Only assumption II is implicit.
- (3) Either I or II is implicit.
- (4) Neither I nor II is implicit.

PG-EE-June, 2023/(MBA/MTTM/MHMCT)(SET-X)/(D)

P. T. O.

95.	Should the institute conduct class	es in remote villages?
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Arguments:

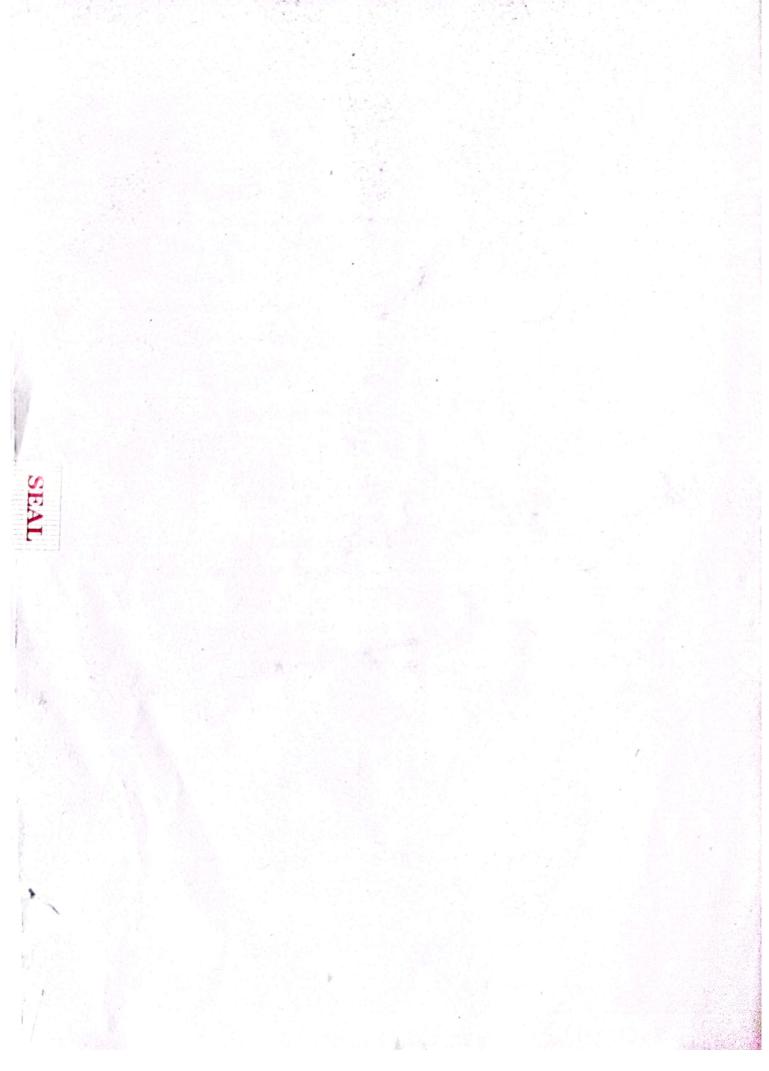
- Yes, this will help those students who belong to villages and cannot visit urban areas for studies.
- II. No, this is not an economically viable proposal, as the number of students who attend such classes cannot contribute to break-even.
- (1) Only argument I is strong
- (2) Only argument II is strong
- (3) Neither I nor II is strong
- (4) Both I and II are strong
- A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
 - (1) Daughter

(2) Mother

(3) Sister

- (4) Grand Daughter
- Sanjeev ranks seventh from the top and twenty-eight from the bottom in a class. How 97. many students are there in the class?
 - (1) 34
- (2) 37
- (3) 35
- $(4) 36 \cdot$
- Which option is right chronology: 1. Birth 2. Death 3. Funeral 4. Marriage 98. 5. Education?
 - (1) 4, 5, 3, 1, 2
- (2) 2, 3, 4, 5, 1
- (3) 1, 5, 4, 2, 3
- (4) 1, 3, 4, 5, 2

- 99. 196:256::324:
 - (1) 361
- (2) 400
- (3) 484
- (4) 529
- 100. A watch reads 4.30 PM. If the minute hand points East, in what direction will the hour hand point?
 - (1) North-West
- (2) North-East
- (3) South-West
- (4) South-East



Dete 26/6/2023 Time 1 Span: 12:30pm201:45 Pm

Q. NO.	YS OF MBA/MTT A	В	С	D
1	1	1	3	4
2	2	1	3	1
		3		3
3	3		4	
4	2	2	2	2
5	1	4	3	3
6	1	11	4	4
7	1	2	2	1
8	1	3	4	2
9	1	4	4	3
10	1	2	4	11
11	1	2	3	2
12	1	4	2	4
13	1	2	4	3
14	2	3	4	4
15	2	3	4	1
16	1	1	4	2
17	1	4	2	4
18	2	1	2	2
19	1	2	4	1
20	2	4	4	2
21	2	3	3	4
22	2	1	4	4
23	2	3	4	2
24	1	2	3	1
	2	2	1	1
25				3
26	4	1	1	3
27	1	2	1	
28	3	3	3	4
29	2	2	2	2
30	3	1	4	3
31	4	1	1	4
32	1	1	2	2
33	2	1	3	4
34	3	1	4	4
35	1	1	2	4
36	2	1	2	3
37	4	1	4	2
38	3	1	2	4
39	4	2	3	4
40	1	2	3	4
41	2	1	1	4
42	4	1	4	2
43	2	2	1	2
44	1	1	2	4
45	2	2	4	4
46	4	2	3	3
47	4	2	1 1	4
48	2	2	3	4
49	1	1	2	3
50	1	2	2	1

Ramphel 246/23 mdg 246/2023

Date 26/06/2023 Time / exam. 12:30PM-1:45PM

Q. NO.	Α	n/MHMCT 2 YEAR O	С	D
51	1	3	4	1
52	1	3	1	2
53	3	4	3	3
54	2	2	2	2
55	4	3	3	1
56	1	4	4	1
	2	2	1	1
57 58	3	4	2	1
		4	3	1
59	4	4	1	1
60	2		2	1
61	2	3		1
62	4	2	4	
63	2	4	3	1
64	3	4	4	2
65	3	4	1	2
66	1	4	2	1
67	4	2	4	1
68	1	2	2	2
69	2	4	1	1
70	4	4	2	2
71	3	3	4	2
72	1	4	4	2
73	3	4	2	2
74	2	3	1	1
75	2	1	1	2
76	3	4	1	1
77	3	1	2	1
78	4	3	3	3
79	2	2	2	2
80	3	3	1	4
81	4	4	1	1
82	2	1	1	2
83	4	2	1	3
84	4	3	1	4
85	4	1	1	2
86	3	2	1	2
87	2	4	1	4
88	4	3	1	2
89	4	4	2	3
90	4	1	2	3
90	4	2	1	1
	2	4	1	4
92		2	2	1
93	2		1	2
94	4	1		4
95	4	2	2	
96	3	4	2	3
97	4	4	2	1
98	4	2	2	3
99	3	1	1	2

26/6/23

CA 26/06/23

Ramphul 36/6/23

(hadt 20/6/20)