Test Booklet No. _____

This booklet consists of 100 questions and 11 printed pages.

RGUCET/2024/__/_

RGUCET 2024
Common Entrance Test, 2024
MASTER OF BUISNESS ADMINISTRATION (BUSINESS ADMINISTRATION)

Full Marks: 100   **Time: 2 Hours**

Roll No. ☐☐☐☐☐☐☐

Day and Date of Examination: _____

Signature of Invigilator(s) _____

Signature of Candidate _____

General Instructions:

PLEASE READ ALL THE INSTRUCTIONS CAREFULLY BEFORE MAKING ANY ENTRY.

1. DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. Candidate must write his/her Roll Number on the space provided.
3. This Test Booklet contains 100 Multiple Choice Questions (MCQs) from the concerned subject. Each question carries 1 mark. There shall be negative marking of 0.25 against each wrong attempt.
4. Please check the Test Booklet to verify that the total pages and total number of questions contained in the test booklet are the same as those printed on the top of the first page. Also check whether the questions are in sequential order or not.
5. Candidates are not permitted to enter into the examination hall after the commencement of the entrance test or leave the examination hall within one hour thirty minutes.
6. Making any identification mark in the OMR Answer Sheet or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
7. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
8. In case of any dispute, the decision of the Entrance Test Committee shall be final and binding.
9. The OMR Answer Sheet consists of two copies, the Original copy and the Student's copy.

1	A man donated 5% of his income to a charitable organization and deposited 20% of the remainder in a bank. If he now has Rs. 1919 left, what is his income ?				B
	a) Rs. 2558.60	b) Rs. 2525	c) Rs. 2500	d) Rs. 2500	Rs. 2525
2	A and B can do a piece of work in 18 days; B and C in 24 days; A and C in 36 days. In what time can they do it all working together?				C
	a) 12 days	b) 13 days	c) 16 days	d) 36 days	16 days
3	The length of the train that takes 8 seconds to pass a pole when it runs at a speed of 36 km/hr is ?				D
	a) 288 meters	b) 45 meters	c) 48 meters	d) 80 meters	80 meters
4	The value of a machine depreciates at the rate of 10% every year. It was purchased 3 years ago. If the present value of the machine is Rs. 8748, its purchase price was?				C
	a) Rs. 10000	b) Rs. 11500	c) Rs. 12000	d) Rs. 12400	Rs. 12000
5	Ram travels a certain distance at 3 km/hr and reaches 15 minutes late. If he travels at 4 km/hr, he reaches 15 minutes earlier. The distance he has to travel is ?				B
	a) 4.5 km	b) 6 km	c) 7.2 km	d) 12 km	6 km
6	A train 300 meters long passes a standing man in 15 seconds. The speed of the train is ?				D
	a) 40 km/hr	b) 50 km/hr	c) 60 km/hr	d) 72 km/hr	72 km/hr
7	A can do a piece of work in 80 days. He works at it for 10 days and then B alone finishes the work in 42 days. They together could complete the work in ?				C
	a) 24 days	b) 25 days	c) 30 days	d) 35 days	30 days
8	A man purchased a watch for Rs. 400 and sold it at a gain of 20% of the selling price. The selling price of the watch is ?				D
	a) Rs. 300	b) Rs. 320	c) Rs. 440	d) Rs. 500	Rs. 500
9	A sold an article at a gain of 5% to B and B sold it to C at a gain of 4%. If C paid Rs. 91 for it, then the price paid by A is ?				C
	a) Rs. 82.81	b) Rs. 83	c) Rs. 83.33	d) Rs. 81.81	Rs. 83.33
10	A is twice as good a workman as B and together they can finish a piece of work in 14 days. A alone can finish the work in ?				B
	a) 11 days	b) 21 days	c) 28 days	d) 42 days	21 days
11	By selling an article for Rs. 144, a man gained such that the percentage gain equals the cost price. The cost price of the article is ?				D
	a) Rs. 60	b) Rs. 64	c) Rs. 72	d) Rs. 80	Rs. 80
12	Two men start together to walk to a certain destination, one at 3.75 km an hour and another at 3 km an hour. The former arrives half an hour before the latter. The distance is ?				C
	a) 9.5 km	b) 8 km	c) 7.5 km	d) 6 km	7.5 km
13	Two trains 132 meters and 108 meters long are running in opposite directions, one at the rate of 32 km/hr and another one at the rate of 40 km/hr. From the moment they meet, they will cross each other in ?				C
	a) 10 seconds	b) 11 seconds	c) 12 seconds	d) 13 seconds	12 seconds

14	A owns a house worth Rs. 100000. He sells it to B at a profit of 10% based on the worth of the house. B sells the house back to A at a loss of 10%. In this transaction A gets ?				C
	a) no profit no loss	b) profit of Rs. 10000	c) Rs.11000	d) profit of Rs. 20000	Rs.11000
15	The difference between simple interest and compound interest at the same rate for Rs. 5000 for 2 years is Rs. 72. The rate of interest is ?				B
	a) 10%	b) 12%	c) 6%	d) 8%	12%
16	If a man takes 4 hours to cover a distance of 15 km, how much time will be needed to cover 63 km at the same speed ?				B
	a) 12 hrs 36 min.	b) 16 hrs 48 min.	c) 16 hrs 4 min.	d) 15 hrs 32 min.	16 hrs 48 min.
17	When the price of a toy was increased by 30%, the number of toys sold fell by 30%. What is the effect on the sale of the shop ?				C
	a) no effect	b) 9% increase	c) 9% decrease	d) 7% decrease	9% decrease
18	A train 100 meters long, running at 36 km/hr takes 25 seconds to pass a bridge. The length of the bridge is ?				A
	a) 150 meters	b) 144 meters	c) 90 meters	d) 540 meters	150 meters
19	A merchant sold his goods for Rs. 7500 at a profit percent equal to cost price. The cost price was ?				B
	a) Rs. 4000	b) Rs. 5000	c) Rs. 6000	d) Rs. 7000	Rs. 5000
20	If two pipes function simultaneously, the reservoir will be filled in 12 hours. One pipe fills the reservoir 10 hours faster than the other. How many hours does the faster pipe take to fill the reservoir ?				C
	a) 25 hours	b) 28 hours	c) 30 hours	d) 35 hours	30 hours
21	A is a working partner and B is a sleeping partner in a partnership business. A puts in Rs. 12000 and B Rs. 20000 as capital in the business. A receives 10% of the profits for managing the business, the rest being divided in proportion to their respective capitals. Out of a total profit of Rs. 9600, the amount of money received by A is ?				B
	a) Rs. 3240	b) Rs. 4200	c) Rs. 3600	d) 4500	Rs. 4200
22	A trader lists his articles 20% above cost price and allows a discount of 10% on cash payment. His gain percent is ?				B
	a) 10%	b) 8%	c) 6%	d) 5%	8%
23	A mixture of 40 litres of milk and water contains 10% water. How much water should be added to this so that water may be 20% in the new mixture ?				B
	a) 4 litres	b) 5 litres	c) 6.5 litres	d) 7.5 litres	5 litres
24	The compound interest on Rs.30000 at 7% per annum for a certain time is Rs. 4347. The time is ?				A
	a) 2 years	b) 2.5 years	c) 3 years	d) 4 years	2 years
25	A and B started a partnership business where A's investment was thrice the investment of B and the period of his investment was two times the period of investment of B. If B gets Rs. 4000 as share of profit, then their total profit is ?				B
	a) Rs. 24000	b) Rs. 16000	c) Rs. 28000	d) Rs. 20000	Rs. 16000

26	A vendor bought toffees 6 for a rupee. How many for a rupee must he sell to gain 20%?				c)
	a) 3	b) 4	c) 5	d) 6	5
27	A and B invest in a business in the ratio 3:2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is				b)
	a) Rs. 1425	b) Rs. 1000	c) Rs. 1250	d) Rs. 1576	Rs. 1000
28	A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally he had :				d)
	a) 588 apples	b) 600 apples	c) 672 apples	d) 700 apples	700 apples
29	The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?				a)
	a) 4 years	b) 8 years	c) 10 years	d) 12 years	4 years
30	If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is				a)
	a) 50 km	b) 56 km	c) 70 km	d) 80 km	50 km
31	Excluding stoppages, the speed of a bus is 54 km/h and including stoppages, it is 45 km/h. For how many minutes does the bus stop per hour?				b)
	a) 9	b) 10	c) 12	d) 20	10
32	A is thrice as good as workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in				b)
	a) 20 days	b) 22 and half days	c) 25 days	d) 30 days	22 and half days
33	A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is				c)
	a) Rs. 650	b) Rs. 690	c) Rs. 698	d) Rs. 700	Rs. 698
34	How much time will it take for an amount of Rs. 450 to yield Rs. 81 at interest 4.5% per annum of S.I?				b)
	a) 3.5 years	b) 4 years	c) 4.5 years	d) 5 years	4 years
35	If the selling price is doubled, the profit triples. Find the profit percent.				b)
	a) 90	b) 100	c) 106	d) 120	100
36	A is two years older than B who is twice as old as C. if the total of the ages of A, B and C is 27, then how old is B?				d)
	a) 7	b) 8	c) 9	d) 10	10
37	It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?				c)
	a) Sunday	b) Saturday	c) Friday	d) Wednesday	Friday
38	The average of 20 number is zero. Of them, at the most, how many may be greater than zero?				d)
	a) 0	b) 1	c) 10	d) 19	19
39	The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?				c)
	a) 76 kg	b) 76.5 kg	c) 85 kg	d) 89 kg	85 kg

Direction (Question 40-43) Study the following table and answer the questions.

Expenditures of a company (in lakhs) per annum over the given years.

Year		Item of	Expenditure		
	Salary	Fuel and Transport	Bonus	Interest	Taxes
1998	288	98	3.0	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

40.	What is the average amount of interest per year which the company had to pay during this period?					d)
	a) Rs. 32. 43 lakhs	b) Rs. 33.72 lakhs	c) Rs. 34.18 lakhs	d) Rs. 36.66 lakhs		Rs. 36.66 lakhs
41.	The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?					c)
	a) 0.1%	b) 0.5%	c) 1%	d) 1.25%		1%
42.	The total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002?					c)
	a) 62%	b) 66%	c) 69%	d) 71%		69%
43.	The total expenditure of the company over these items during the year 2000 is ?					a)
	a) Rs. 544.44 lakhs	b) Rs. 501.11 lakhs	c) Rs. 446.46 lakhs	d) Rs. 478.87 lakhs		Rs. 544.44 lakhs
44.	Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is					d)
	a) 9	b) 11	c) 13	d) 15		15
45.	Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 respectively. In 30 minutes, how many times do they toll together?					d)
	a) 4	b) 10	c) 15	d) 16		16
46.	A man has Rs. 480 in the denomination of one rupee notes, five rupee notes and ten rupee notes. The number of notes each denomination is equal. What is the total number of notes that he has?					d)
	a) 45	b) 60	c) 75	d) 90		90
47.	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?					a)
	a) $\frac{10}{21}$	b) $\frac{11}{21}$	c) $\frac{2}{7}$	d) $\frac{5}{7}$		$\frac{10}{21}$
48.	The true discount on Rs. 2562 due 4 months hence is Rs. 122. The rate percent is					c)
	a) 12%	b) 13%	c) 15%	d) 14%		15%
49.	A man invested Rs. 1552 in a stock at 97 to obtain an income of Rs. 128. The dividend from the stock is:					8%
	a) 7.5%	b) 8%	c) 9.7%	d) None of these		b)

	Choose the correct one :				
50.	Rahul and his friends _____ also invited to the party.				Answer option (d)
	a) is	b) was	c) had	d) were	were
51.	The information provided to you _____ wrong.				Answer option (b)
	a) were	b) was	c) are	d) have been	was
52.	The quality of food here _____ gone down.				Answer option (b)
	a) have	b) has	c) is	d) are	has
53.	A lot of startups _____ started in the past few years.				Answer option (c)
	a) is	b) are	c) have	d) has	have
54.	That woman _____vegetables.				Answer option (c)
	a) sell	b) selling	c) sells	d) have sold	sells
	Choose the correct answer from the options given below.				
55.	**Few students who …………. playing foot**ball missed the class.				Answer option (c)
	a) would be	b) had	c) were	d) could be	were
56.	**The police………….. to be careful since the criminal was dangerous.**				Answer option (a)
	a) were told	b) was saying	c) was told	d) were telling	were told
57.	**Each candidate…………… fill in these forms and sign them.**				Answer option (a)
	a) has to	b) were to	c) are to	d) have to	has to
58.	**The Board of Directors …………. dissatisfied with the Chairman's decision.**				Answer option (b)
	a) were	b) was	c) am	d) is	was
59.	**The farmers………… ploughing their field.**				Answer option (b)
	a) is	b) were	c) have	d) had	were
	Choose the right matching of the Antonym				
60.	Regular				Answer option

					(a) Deviant
	a) Deviant	b) Bent	c) Devious	d)typical	Deviant
61.	SPORADIC				Answer option (b)
	a) Exiguous	b) Constant	c) Trifling	d) Infrequent	Constant
62.	DELIBIRATE				Answer option (d)
	a) Provident	b) Prudent	c) Prepense	d) Unwiting	Unwiting
63.	Ignorant				Answer option (d)
	a) Savvy	b) Brainy	c) Studious	d) Erudite	Erudite
64.	PROFLIGATE				Answer option (b)
	a) Corrupt	b) Moral	c) Immoral	d) Abandoned	Moral
	Direction (65-70):- In each of the following questions, a sentence has been given in Direct/Indirect Speech. Out of the four alternatives suggested, select the one most appropriate option which best expresses the same sentence in Indirect/Direct Speech.				
65.	Reema said, "I may leave tomorrow."				Answer option (a)
	a) Reema said that she might leave the next day.	b) Reema said that she might leave tomorrow.	c) Reema asked if she should leave the next day.	d) Reema informed me to leave tomorrow	Reema said that she might leave the next day.
66.	She said to them, "Don't make a noise."				Answer option (c)
	a) She told them not to make noise.	b) She told them not to make a noise.	c) She asked them not to make a noise.	d) She told them that don't make a noise	She asked them not to make a noise.
67.	He said, "I've been teaching English for seven years now."				Answer option (b)
	a) He said that she was	b) He said that she had been	c) He said that she had taught	d) He said that she had been	He said that she had been

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	teaching English for seven years at that time.	teaching English for seven years at that time.	English for seven years at that time.	teaching English for seven years now.	teaching English for seven years at that time.
68.	Gracy said, "I bought a car yesterday."				Answer option (d)
	a) Gracy told that she had bought a car yesterday.	b) Gracy said that she bought a car the previous day.	c) Gracy said that I have bought a car the previous day.	d) Gracy said that she had bought a car the previous day.	Gracy said that she had bought a car the previous day.
69.	He said to me, "You didn't help me in my financial crisis".				Answer option (b)
	a) He told me that I did not helped him in his financial crisis.	b) He told me that I had not helped him in his financial crisis.	c) He told me that I have not helped him in his financial crisis.	d) He told me that I had not been helped him in his financial	He told me that I had not helped him in his financial crisis.
70.	Identify the correct transformation of the sentence given containing the adverb "too". **The girl is too tall to wear the dress.**				Answer option (b)
	a) The girl is tall so she cannot wear the dress	b) The girl is so tall that she cannot wear the dress	c) The girl is very tall owing to which she cannot wear the dress	d) The girl cannot wear the dress because she is tall	The girl is so tall that she cannot wear the dress
71.	Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?				Answer option (c)
	a) Lotus	b) Lily	c) Petal	d) Marigold	Petal
72.	Convert the affirmative sentence into a negative sentence: Mina is prettier than Neha.				Answer option (a)
	a) Neha is not as pretty as Mina.	b) Mina is not as pretty as Neha.	c) Neha is not as prettier as Mina.	d) Mina is not prettier than Neha.	Neha is not as pretty as Mina.
73.	Which of these is an assertive sentence?				Answer option (b)

	a) Why waste time in reading trash?	b) I wish that I were healthy again	c) How beautiful is the rainbow!	d) Please have a look at the brochure	I wish that I were healthy again
74.	Choose the best word to fill the gap in this sentence. He likes carrots .... he hates peas.				Answer option (b)
	a) When	b) but	c) or	d) if	but
75.	In a certain code language RUSTICATE is written as QTTUIDBSD. How would STATISTIC be written in that code?				Answer option (c)
	a)RSBUIRSJD	b)TUBUITUMB	c)RSBUITUHB	d)RSBUJTUHB	RSBUITUHB
76.	If it is possible to make only one meaningful word with the second, the fifth, the seventh, and the tenth letters of the word OMNISCIENT, which of the following will be the third letter of that word? If so such word can be made, give J as the answer and if more than one such word can be made, give Q as the answer.				Answer option (d)
	a)J	b) Q	c) I	d) S	S
77.	Four of the following five are alike in a certain way and so form a group. Which is the one that **does not** belong to that group.				Answer option (a)
	a) Watermelon	b) Papaya	c) Sweet Lime	d) Jack fruit	Watermelon
78.	How many such pairs of letters are there in the word 'ENIGMATIC' each of which has as many letters between them in the word as in the English alphabet?				Answer option (a)
	a) One	b) Two	c) Three	d) None	One
	Directions for Questions 79-83: In each of the questions below are given three statements followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the Conclusions and then decide which of the given Conclusions logically follows from the given statements				
79.	Statements: a. All flowers are toys b. Some toys are trees c. Some angels are trees Conclusions: I. Some angels are toys II. Some trees are flowers III. Some flowers are angels				Answer option (d)
	a) Only I follow	b) Only II follows	c) Only I and III follow	d) None follows	None follows
80.	Statements: a. Some pigeons are dogs b. All dogs are cats c. All pigeons are horses Conclusions: I. Some horses are dogs II. Some cats are pigeons III. Some horses are cats				Answer option (d)
	a) All follows	b) Only II and III follow	c) Only I and III follow	d) Only I and II follow	Only I and II follow
81.	Statements: a. All tables are streets b. All streets are bottles c. All parrots are bottles Conclusions: I. Some streets are parrots				Answer option (d)

	II. Some bottles are tables III. All tables are bottles				
	a) Only I follows	b) Only II follows	c) Only III follows	d)Only II and III follow	Only II and III follow

82.	Statements: a. Some cartoons are boys
	        b. All boys are windows
	        c. All jokers are windows
	Conclusions: I. All jokers are boys
	         II. Some cartoons are windows
	        III. Some jokers are boys
					Answer option (b)

	a)Only I follows	b) Only II follows	c) Only III follows	d) Only I and II follow	Only II follows

83.	Statements: a. Some saints are balls
	        b. All balls are bats
	        c. Some tigers are balls
	Conclusions: I. Some bats are tigers
	        II. Some saints are bats
	        III. All bats are balls
					Answer option (c)

	a) Only I and III follow	b) Only II follows	c) Only I and II follow	d) Only III follows	Only I and II follow
84.	The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds is				c)
	200 m	225 m	245 m	250 m	245 m
	The compound interest on a certain sum of money for 2 years at 10% per annum is Rs. 420. The simple interest on the same sum at the same rate and the same time will be?				D
	a) Rs. 350	b) Rs. 375	c) Rs. 380	d) Rs. 400	Rs. 400
	A and B enter into partnership investing Rs. 12000 and Rs. 16000 respectively as capital. After 8 months, C joins them with a capital of Rs. 15000. The share of C in a profit of Rs. 45600 after 2 years will be ?				D
	a) Rs. 21200	b) Rs. 19200	c) 14400	d) Rs. 12000	Rs. 12000
87.	A man's basic pay for a 40 hour week is Rs. 2000. Overtime is paid for at 25% above the basic rate. In a certain week he worked overtime and his total wage was Rs. 2500. He therefore worked for a total of ?				C
	a) 45 hours	b) 47 hours	c) 48 hours	d) 50 hours	48 hours
88.	Shyam walked 6 metres facing towards East, then took a right turn and walked a distance of 9 metres. He then took a left turn and walked a distance of 6 metres. How far is he from the starting point?				Answer option (a)
	a) 15 metres	b) 21 metres	c) 18 metres	d) Cannot be determined	15 metres
89.	If the positions of the first and the sixth letters in the CONTAGIOUS are interchanged, similarly the positions of the second and the seventh letters are interchanged, and so on, which letter will be the second to the right of the fifth letter from the right?				Answer option (b)
	a) O	b) N	c) I	d) T	N
90.	How many such pairs of letters are there in the word RECRUIT, each of which has as many letters between them in the word as in the English alphabet?				Answer option (b)

	a) None	b) One	c) Two	d) Three	One
91.	How many such pairs of letters are there in the word DISTURB, each one has as many letters between its two letters in the word as there are between them in the English alphabet?				Answer option (a)
	a) 4	b) 5	c) 3	d) 2	4
92.	Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group.				Answer option (b)
	a) Mountain	b) Fort	c) Hill	d) River	Fort
93.	In a certain code BOARD is written as CNBQE. How is CRIME written in that code				Answer option (c)
	a) DSJNF	b) BQHLD	c) DQJLF	d) BSHND	DQJLF
94.	If the positions of the first and the sixth letters in the word CULTIVATOR are reversed, the positions of the second and the seventh letters are reversed, and so on, which of the following will be the second from the right end after the rearrangement?				Answer option (a)
	a) T	b) O	c) L	d) V	T
95.	Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?				Answer option (d)
	a) Bus	b) Train	c) Truck	d) Wheel	Wheel
96.	'Pull' is related to 'Push' in the same way as 'Low' is related to				Answer option (b)
	a) Medium	b) High	c) More	d) Long	High
97.	In a certain code MEAN is written as 8964 and NOBLE is written as 47529. How is LOAM written in that code?				Answer option (a)
	a) 2768	b) 2758	c) 2968	d) 2468	2768
98.	Red is related to Stop in the same way as Green is related to				Answer option (d)
	a) Colour	b) Paint	c) Lamp	d) Start	Start
99.	How many such pairs of letters are there in the word SECURITY each of which has as many letters between them in the word as in the English alphabet?				Answer option (d)
	a) None	b) One	c) Two	d) Three	Three
100.	If it is possible to make only one meaningful word with the first, the third, the fourth, and the sixth letters of the word LEARNING, using each only once, which of the following will be the third letter of that word? If more than one such word can be formed, give Y as the answer and if no such word can be formed, give Z as the answer				Answer option (d)
	a)I	b) R	c) A	d) Y	Y