

Dhaka School of Bank Management
(Affiliated with the University of Dhaka)

Admission Test for MBM-Evening Intake-2023

Total Marks: 130

Time: 2 hours

Name:								Signature and Date of Invigilator	
Exam ID									
Signature of Candidate									

Instructions

1. The question paper is divided into two parts- Part I and Part II. For Part-I, choose the most appropriate answer by putting tick (✓) mark. Answers of the written part (Part-II) should be written in the space given in the question paper.
2. The blank space of the question paper can be used for rough calculation.
3. Only Ball pen can be used for answering question.
4. Use of **Digital Watch, Calculator, Mobile Phone and any other Electronic Devices** are strictly prohibited in the exam hall.
5. You should 'START' and 'STOP' answering as per direction of the invigilators.
6. Adoption of any unfair means will disqualify you for the test.
7. Do not write anything on the opposite page of the top sheet.
8. Any mistake in writing Name and Roll No. may result in cancellation of the answer script.

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Marks in Part-I (Out of 80)	Marks in Part-II (Out of 50)	Total Marks (Out of 130)	Signature of the Examiner	Signature of the Scrutinizer

Part – I (MCQ Section)	Marks: 80
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Section A: English Proficiency	Marks: 1×20 = 20
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Q. (1-4): Choose the word which is Opposite in meaning to the given word. 1×4 = 4

1. Withdraw
(a) Reduce (b) Need (c) Advance (d) Want
2. Luminous
(a) Clear (b) Dim (c) Brittle (d) Clever
3. Scarcity
(a) Abundance (b) Pertinent (c) Bonafied (d) Courage
4. Plaintiff
(a) Complainant (b) Sorrowful (c) Witness (d) Defendant

Q. (6-8): Each sentence has four underlined parts having words or phrases marked (a), (b), (c), and (d). Identify one of the underlined parts that must be changed to make the sentence correct.

1×4 = 4

5. In the rush to get to the quarterly meeting, one of the board members forgot their presentation
(a) (b) (c) (d)
6. Having read for more than four hours without a rest, the book fell from his hands.
(a) (b) (c) (d)
7. In order to save petrol motorists must have to be very cautious while driving on the highways.
(a) (b) (c) (d)
8. Honesty, integrity and being intelligent are the qualities, which we look for when we interview applicants.
(a) (b) (c) (d)

Q. (9-12) Choose the appropriate preposition to fill in the blank for the following sentences.

1×4 = 4

9. He behaves just like his father. He really takes _____ him.
(a) to (b) from (c) after (d) by
10. We are offering solutions _____ a price almost anyone can afford.
(a) in (b) at (c) on (d) by
11. There are tall beautiful coconut trees _____ the river.
(a) along (b) at (c) into (d) over
12. Ha has assured me _____ safety.
(a) With (b) of (c) for (d) at

Q. (13-16) Select a pair of words that expresses a relationship similar to that expresses in the original pair.

1×4 = 4

13. MASON : STONE ::
(a) soldier : weapon (b) lawyer : law (c) blacksmith : forge (d) carpenter : wood
14. INCEPTION : CONCLUSION ::
(a) departure : arrival (b) culmination : upshot (c) refutation : approval (d) approach : return
15. DEGREE : TEMPERATURE ::
(a) Ounce: Weight (b) Light: Heat (c) Time: Length (d) Mass: Energy
16. MOUNTAIN : RANGE ::
(a) Lake: Ocean (b) Island: Archipelago (c) Sand: Dust (d) Glacier: Snow

Q. (17-20): Read the given passage and answer the questions**1×4 = 4**

Throughout human history nearly all people were close to the soil. Therefore, their lives were profoundly affected by the alternation of winter and summer, by the coming and going of the full moon, and by the pattern of rain and drought and the annual harvest. Steadily the ever-expanding city replaced the countryside as the home of most of the world's people; and the big cities now have dwarfed the biggest city of several hundred years earlier. In 1995, at least 25 cities each held more than seven million inhabitants.

17. According to the passage, the lives of the people were -
(a) greatly influenced by the nature (b) little influenced by the nature
(c) somewhat influenced by the nature (d) not influenced by the nature
18. "Steadily the ever-expanding city replaced the countryside as the home of most of the world's people" means -
(a) gradually the cities destroyed the villages
(b) gradually the cities took up all the space occupied by village
(c) gradually more people started living in cities than in village
(d) people loved city life
19. In the passage the word "dwarfed" means -
(a) were smaller than (b) made look smaller
(c) are comparable to (d) are not as big as
20. The word "drought" is closet in meaning to -
(a) flood (b) occasional rain
(c) rainless period (d) storm

Section B: Mathematics	Marks: 1.5×20 = 30
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(Q. 21-40): Choose the correct answer.

21. If $a^2 + b^2 = 45$ and $ab = 18$, find $1/a + 1/b$
(a) $1/3$ (b) $1/2$ (c) $2/3$ (d) $1/4$
22. If $\frac{0.15 \times 10^m}{0.3 \times 10^k} = 5 \times 10^7$ then $m - k = ?$
(a) 6 (b) 7 (c) 8 (d) 9
23. If the mean of numbers 28, x, 42, 78 and 104 is 62, what is the mean of 48, 62, 98, 124 and x?
(a) 78 (b) 58 (c) 390 (d) 310
24. The difference between the value of a number increased by 12.5% and the value of the number decreased by 25% is 30. What is the original number?
(a) 60 (b) 80 (c) 40 (d) 120
25. The cost of 9 mangoes and 5 apples is equal to the cost of 7 mangoes and 8 apples. Find the ratio between the cost of 1 mango and the cost of one apple.
(a) 3 : 2 (b) 2 : 3 (c) 5 : 8 (d) 9 : 7
26. A shopkeeper has sufficient money to buy 50 books. On reduction in the price of each book by Tk.4, he could buy 10 books more. How much money does he has?
(a) Tk.1000 (b) Tk.1200 (c) Tk.1500 (d) Tk.2000
27. A merchant who marked his goods up by 50% subsequently offered a discount of 20% on the marked price. What is the percentage profit that the merchant made after offering the discount?
(a) 30% (b) 125% (c) 25% (d) 20%

28. On a 2 km road, a total of 201 trees are planted on the side of the road at equal distances. How many such trees will be planted on a 50 km road such that the distance between two consecutive trees is the same as that of the consecutive trees on the 2 km road?
 (a) 501 (b) 5001 (c) 5000 (d) 1000
29. A man deposits certain amount in his bank account. After a few days, he withdraws half of the money deposited and deposits Tk.500 more. If he has a balance of Tk.2000 in his bank account, find the amount deposited initially.
 (a) Tk. 1500 (b) Tk.2000 (c) Tk.2500 (d) Tk.3000
30. In a group of 135 persons, 50% people contributed Tk.40 each, 30% contributed Tk.60 each and the remaining persons contributed Tk.80. Find the average contribution for the group.
 (a) Tk.50 (b) Tk.54 (c) Tk.60 (d) Tk.62
31. Income of A is 25% less than B. What percent B's income would be more than A?
 (a) 35% (b) 30% (c) 33.33% (d) 25%
32. A wholesaler bought 1200 radios for Tk.18 each. The wholesaler sold 60 percent of the radios for Tk.30 each and the rest for Tk.15 each. What is the wholesaler's average (arithmetic mean) profit per radio?
 (a) Tk.6 (b) Tk.5 (c) Tk.4 (d) Tk.3
33. Present age of Fariha is thrice the present age of Samira who is 20. How many years ago was the age of Fariha five times that of Samira?
 (a) 3 (b) 6 (c) 7.5 (d) 10
34. The average weight of a group of 30 friends increases by 1 kg when the weight of their football coach was added. If average weight of the group after including the weight of the football coach is 31 kg, what is the weight of their football coach?
 (a) 31 kg (b) 61 kg (c) 60 kg (d) 62 kg
35. The wages earned by Robin is 30% more than that earned by Elahi. The wages earned by Chandan is 60% more than that earned by Elahi. How much % is the wages earned by Chandan more than that earned by Robin?
 (a) 23% (b) 18.75% (c) 30% (d) 50%
36. The difference between the value of a number increased by 12.5% and the value of the original number decreased by 25% is 30. What is the original number?
 (a) 40 (b) 60 (c) 80 (d) 120
37. Hasan invested a certain sum of money at 8% per annum simple interest for 'n' years. At the end of 'n' years, Hasan got back 4 times his original investment. What is the value of n?
 (a) 37 years 6 months (b) 50 years (c) 12 years 6 months (d) 25 years
38. The length of one side of a square inscribed in a circle is 2. What is the area of the circle?
 (a) $\pi/2$ (b) π (c) $\sqrt{2}\pi$ (d) 2π
39. If a rectangle's length and width are both doubled, by what percent is the rectangle's area increased?
 (a) 50% (b) 100% (c) 200% (d) 300%
40. The area of a square field is 24200 sq m. How long will a lady take to cross the field diagonally at the rate of 6.6 km/hr?
 (a) 3 minutes (b) 0.04 hours (c) 2 minutes (d) 2.4 minutes

Q. (41-43): Answer the questions based on the following information.

2×3 = 06

Exactly nine books must be arranged from first (leftmost) to ninth (rightmost) on a shelf. Of the nine books, four are leather-bound books, three are clothbound books and the remaining two are paperback books. The four leather-bound books must be next to each other, and the two paperback books must be next to each other. The three clothbound books do not have to be placed next to each other.

41. If the sixth book is a leather-bound book and the eighth book is a clothbound book, which of the following must be a paperback book?
(a) The first (b) The second (c) The third (d) The fourth
42. The clothbound books must be next to each other if a paperback book is in which of the following positions?
(a) The first (b) The third (c) The fifth (d) The seventh
43. If the first and seventh books have the same kind of binding, which of the following must be a leather-bound book?
(a) The first (b) The second (c) The fourth (d) The sixth

Q. (44-47): Answer the questions based on the following information.

2×4 = 08

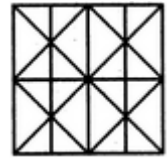
L, M, and N each buy at least one kind of food from a street vendor who sells only fruit cups, hot dogs, pizzas, and kebabs. They make their selections in accordance with the following restrictions:

- None of the three buys more than one portion of each kind of food.
 - If any of the three buys a hot dog, that person does not also buy a kebab.
 - At least one of the three buys a hot dog, and at least one buys a pizza.
 - M buys a kebab.
 - N buys a fruit cup.
 - Neither L nor N buys a pizza.
 - M does not buy any kind of food that N buys.
44. Which one of the following statements must be true?
(a) L buys a hot dog (b) L buys a kebab (c) M buys a hot dog (d) M buys a pizza
45. If the vendor charges Tk. 100 for each portion of food, what is the minimum amount the three people could spend?
(a) Tk. 300 (b) Tk. 400 (c) Tk. 500 (d) Tk. 600
46. If L and M buy exactly two kinds of food each, which one of the following statements must be true?
(a) L buys a fruit cup. (b) L buys a hot dog.
(c) M buys a fruit cup. (d) There is exactly one kind of food that L and M both buy.
47. If L buys a kebab, which one of the following statements must be true?
(a) L buys a fruit cup. (b) M buys a fruit cup.
(c) N buys a hot dog. (d) N buys exactly one kind of food.

Q. (48-50): Choose the best answer.

2×3 = 06

48. Fill in the missing number of the series: 5, 7, 11, _____, 35, 67
(a) 28 (b) 22 (c) 19 (d) 30
49. A watch was correct at noon, after which it started to lose 17 minutes per hour and stopped completely at 2.52 pm. What time is it now?
(a) 3.30 pm (b) 4.00 pm (c) 4.30 pm (d) 5.00 pm
50. Find the minimum number of straight lines required to make the given figure.
(a) 12 (b) 16 (c) 14 (d) 17



Section D: General Knowledge and Current Affairs

Marks: 1×10 = 10

Q. (51-60): Answer the following questions.

51. Which one of the following ecosystems covers the largest area of the earth's surface?
(a) Desert Ecosystem (b) Grassland Ecosystem
(c) Mountain Ecosystem (d) Marine Ecosystem
52. Which economist has put forward the concept of 'Creative Destruction'?
(a) Amartya Sen (b) Jean Dreze (c) Joseph Schumpeter (d) Herbert Spencer
53. LOT is the name of an airline of -
(a) Belgium (b) Poland (c) Czech Republic (d) Slovakia
54. Which economist had developed the concept of National Income Measurement and its significance in Economic Development?
(a) Ragnar Nurkse (b) Amartya Sen
(c) Simon Kuznets (d) John Maynard Keynes
55. Biological Oxygen demand (BOD) is used as a standard measure of -
(a) Oxygen level in water system (b) Oxygen level in animals
(c) Oxygen level in forest System (d) Oxygen level in atmosphere
56. The International Date Line is the -
(a) Equator (b) 0° Longitude (c) 88° East Longitude (d) 180° Longitude
57. The study which deals with secret writing is known as -
(a) Cryptography (b) Secretology (c) Cytography (d) Cryptology
58. The term 16 yards hit is associated with -
(a) Polo (b) Hockey (c) Baseball (d) Badminton
59. Which of the following types of clothes is manufactured by using petroleum products?
(a) Rayon Silk (b) Terelyne (c) Nylon (d) Cotton
60. U Thant Award is given for -
(a) Contribution to east-east understanding (b) Community leadership
(c) Social service (d) Journalism

Part – II (Written Section)	Marks: 50
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1. Translate the following into English

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বাংলাদেশ একটি উন্নয়নশীল দেশ যা অনেক উন্নতি করেছে পঞ্চাশ বছরে। দারিদ্রতা কমেছে এবং সাধারণ মানুষের আয় বেড়েছে অনেক গুন। শিক্ষার হার বৃদ্ধির সাথে সাথে, অর্থনৈতিক উন্নয়ন এবং সামাজিক উন্নয়ন হয়েছে। শিশু মৃত্যুর হার কমেছে এবং গ্রামীণ অর্থনীতি চাঙ্গা হয়েছে। আমরা আধুনিক প্রযুক্তি ব্যবহার করছি, তবে আরও অনেক কিছু করা দরকার।

2. Translate the following into Bengali

10

The weather can change day-to-day, whereas the climate in an area usually takes a long time to change, and climate usually takes hundreds, thousands, or millions of years to change. In the world today, climate change is often heard, which is often called global warming. Most people can agree on the weather, but sometimes climate change or global warming leads to disagreement. During its life, the climate of the earth has changed quite often and has experienced an Ice Age, warming, and everything in between. The earth is covered like a greenhouse, which is used by some farmers, florists, and others to grow plants, it is a 'glass-covered' building that absorbs the heat from the Sun.

“Changing Mindset for Becoming Entrepreneur Instead of Looking for a Job after Exiting from the Universities.” Analyze the statement and put forward your arguments and counter arguments on the issue.

4. Write an Essay on **“Risks and Costs of Digital Transformation of Banking”**

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