



## **Joint Entrance Management Test (JEMAT) 2024**

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL**  
(Formerly known as West Bengal University of Technology)

Main Campus -

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## Introduction:

Rapid development in global business and its impact on India's domestic market call for a professional approach and sensitivity to business environment at both national and international levels. MBA helps to develop a pool of human resource to cater for trained personnel in the field of business management in general and satisfy both the national and international demand.

<b>Important Dates Related to JEMAT 2024</b>	
• Online Application opens	<b>5<sup>th</sup> June, 2024</b>
• Last Date for Submission of Online Application	<b>22<sup>nd</sup> June, 2024</b>
• Availability of Admit Card on the Website for printing	<b>Will be notified later</b>
• Date of Online Examination	<b>29<sup>th</sup> June, 2024</b>
• Announcement of Results in website	<b>Will be notified later</b>

# Examination Related Information

## Eligibility

1. Candidates applying for MBA courses should have passed / appeared 3 / 4 years Bachelor's degree in Arts/ Science/ Commerce/ Engineering/ Technology /Medical / Dental/ Agriculture or other professional courses from recognized universities and a valid JEMAT/CAT/MAT rank card.
2. Obtained at least 50% marks (45% in case of candidates belonging to reserved category) in qualifying examination.
3. Degrees acquired from IGNOU or any open University within state jurisdiction are also eligible.
4. Foreign students are not eligible to sit for JEMAT examination. For any clarification, please contact MAKAUT Haringhata campus.

Candidates in final year/ final semester will be granted provisional admission and will have to submit their final mark-sheet before a prescribed deadline (To be informed later).

\* Reservation for SC/ST/OBC-A/OBC-B/PWD will be as per the state government rules.

\*Affiliated colleges of MAKAUT, WB and other Universities may have additional criteria for admission; mere qualifying JEMAT examination does not make one eligible for admission in the colleges/institutions of their choice.

**The duly filled application form is to be downloaded, printed and kept for future reference.**

## Sample Questions JEMAT

1. Time taps A , B and C together can fill an empty cistern in 10 minutes. The tap A alone can take to fill it in 20 minutes and the tap B alone in 40 minutes. How long will the tap C alone take to fill it?  
A) 16 minutes B) 24 minutes C) 32 minutes D) 40 minutes
  2. What is the equation of line parallel to  $2x + 3y + 4 = 0$  and passing through the point  $(-4, -5)$  ?  
A)  $2x + 5y - 23 = 0$  B)  $-x + 5y = 20$  C)  $2x - 3y - 30 = 0$  D)  $2x + 3y + 23 = 0$
  3. The curved surface area of a cylindrical pillar is 264 sq. m. and its volume is 924 cu. m. ratio if its diameter to its height is:  
A) 3 : 7 B) 7 : 3 C) 6 : 7 D) 7 : 6
  4. A cube of edge 6 cm is painted on all sides and then cut into unit cubes. The number of unit cubes with no side  
A) 0 B) 64 C) 186 D) 108
  5. Heart : Cardiologist : : Brain : ?  
A) Ophthalmologist B) Nephrologists C) Neurologist D) Gynecologist
  6. In a code language 'TEMPORARY' is written as 'EPRSAYOYM' and 'EXCUSE' as 'PGNVXP'. How is 'ASSURE' written in that code?  
A) OPPVPY B) OXXVYP C) OPPVXP D) OXXYVP
  7. In a certain code language Sue Re Nik means She is brave, Pi Sor Re Nik means She is always smiling and Sor Re Zhi means is always cheerful. What is the code used for the word 'smiling'?  
A) Nik B) Re C) Pi D) Sor
- **Direction for question no. 8 to 10 : Find the odd one out.**
    8. A) Time : Seconds B) Pressure : Barometer C) Length : Meter D) Volume : Litre
    9. A) Tomato B) Potato C) Onion D) Carrot
    10. A) MIGE B) XTQO C) RNKI D) HDAY
  - 11. If the sum of two numbers is 22 and the sum of their square is 404, then the product of the number is?  
A) 40 B) 44 C) 80 D) 88
  - 12. Find the smallest 4-digit number which is a perfect square. From the given number below?  
A) 1042 B) 1024 C) 1089 D) 1098
  - 13. Find the least number which when divided separately by 15 , 20 , 36 , and 48 leaves 3as remainder in each case?  
A) 183 B) 243 C) 483 D) 723
  - 14. The bowling average of a cricketer was 12.4. He improves his bowling average by 0.2 points when he takes 5 wickets for 26 runs in his last match. The number of wickets taken by him before the last match was?  
A) 125 B) 150 C) 175 D) 200
  - 15. The population of the village increases by 5% annually. If its present population is 4410, then its population 2 years ago was?  
A) 4500 B) 4000 C) 3800 D) 3500

- **Direction for question no. 16 to 17 :**

**In the following question choose the word opposite in meaning to the given word.**

16. FLORID

- A) Weak B) Pale C) Monotonous  
D) ugly

17. VERITY

- A) Sanctity B) Reverence C) Falsehood D) rarity

18. A dozen pair of socks quoted at Rs. 180 is available at discount of 20%. How many pairs of socks can be bought for 48Rs?

- A) 3 pairs B) 4 pairs C) 2 pairs D) 5 pairs

19. The marked price of a radio set is Rs. 480. The shopkeeper allows a discount of 10% and gains 8%. If no discount is allowed, his gain percentage would be?

- A) 25% B) 18% C) 18.5% D) 20%

20. The diagonals AC and BD of a cyclic quadrilateral ABCD intersect each other at a point P. Then, it is always true that?

- A)  $BP \cdot AB = CD \cdot CP$  B)  $AP \cdot CP = BP \cdot DP$  C)  $AP \cdot BP = CP \cdot DP$  D)  $AP \cdot CD = AB \cdot CP$

## Link of Recognized Universities in India

<https://www.ugc.gov.in/oldpdf/Consolidated%20list%20of%20All%20Universities.pdf>

- For Affiliated College list please refer to the University official website:

<https://makautwb.ac.in/page.php?id=194>

- All the colleges and courses are subject to updation.