Joint Entrance Management Test (JEMAT) 2025

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

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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.

About JEMAT 2025:

Important Dates	
• Online Application opens	**14th May, 2025**
• Last Date for Submission of Online Application	**2nd June, 2025**
• Availability of Admit Card on the Website for printing	**Will be notified later**
• Date of Online Examination	**8th June, 2025**
• Announcement of Results in website	**Will be notified later**

Examination Related Information

Eligibility

1. Candidates applying for MBA course should have passed / appeared 3years Bachelor's degree in Arts/ Science/ Commerce/ Engineering/ Technology /Medical / Dental/ Agriculture or other professional courses from recognized Universities with a valid JEMAT/CAT/MAT rank card.

2. Degrees acquired from IGNOU and any Open University within state jurisdiction are also eligible.

3. Foreign students are not eligible to appear for JEMAT examination.

4. For any clarification, please contact MAKAUT, Haringhata campus.

List of In-House MBA Programmes :

SI No.	Name of the Programme
1	MBA
2	MBA (Hospital Administration)

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).

The affiliated colleges of MAKAUT, WB and other institution may have different criteria for admission; mere qualifying JEMAT examination does not make one eligible for admission in the colleges/institutions of their choice.

There is no upper age limit for admission to any courses.

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

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.**

MAKAUT,WB

SAMPLE QUESTIONS
JEMAT

MCQ-APTITUDE TEST

1. From the given alternatives, select the set which is most like the given set.

Given set : (4, 10, 15)

A. (3, 6, 12)   B. (2, 8, 10)   C. (5, 12, 18)   D. (7, 10, 18)

2. Find the odd man out

A. Plant-Flower   B. Chair-Sofa   C. Face-Eye   D. Tree-Stem

3. Which one of the given responses would be a meaningful order of the following?

(i) Infant   (ii) Old   (III) Adult   (iv) Adolescent   (v) Child

A. v, iv, iii, ii, i   B. iii, iv, ii, I, v   C. i, v, iv, iii, ii   D. ii, iii, iv, v, i

4. In a certain language, BUTTER is coded as CVUUFS, BREAD is coded as CSFBE, then how COFFEE is coded?

A. DPGGFF   B. GGDPFF   C. GDPGFF   D. FFDPGG

5. B is D's mother and C is D's brother. H is E's daughter whose wife is D. How are E and C related?

A. Father-in-law   B. Brother-in-law   C. Uncle   D. Brother

6. Mohan starts from point A and walks 1 KM towards South, turns left and walks 1 KM. Then he turns left again and walks 1 KM. Now he is facing

A. East   B. West   C. North   D. South-West

7. August 15, 1992 was Saturday. What day of the week was on August 15, 1991?

A. Saturday   B. Thursday   C. Friday   D. Sunday

8. If 9th. of the month falls on the day preceding Sunday, on what day will 1st. of the month fall?

A. Friday   B. Saturday   C. Sunday   D. Monday

9. Sound is said to travel in air at about 1100 feet per second. A man hears the axe striking the tree, 11/5 seconds after he sees it strike the tree. How far is the man from the wood chopper?

A. 2197 ft.   B. 2420 ft   C. 2500 ft   D. 2629 ft

10. How many litres of water should be added to 30 litre mixture of milk and water containing milk and water in the ratio of 7:3 such that the resultant mixture has 40% of water in it?
A. 5   B. 2   C. 3   D. 8

11. The radii of three concentric circles are in the ratio of 1:2:3. What is the ratio of the area between the two inner circles to that between the two outer circles:

A. 4:5   B. 3:4   C. 3:5   D. 2:3

12. How many arrangements can be made out of the letters of the word 'ENGINEERING'?

A. 267200   B. 287100   c. 277200   d. 277300

13. If a 30 m ladder is placed against a 15 m wall such that it reaches the top of the wall, then the elevation of the wall is equal to

A. 45 degree   B. 30 degree   C. 60 degree   D. 50 degree

14. A bag contains 6 white and 4 black balls. Two balls are drawn at random. What is the probability that they are of the same colour?

A. 6/14   B. 7/15   C. 5/10   D. 7/ 21

15. A man and his wife appear in an interview for two vacancies in the same post. The probability of husband's selection is 1/7 and probability of wife's selection is 1/5. What is the probability that only one of them is selected?

A. 4/5   B. 2/7   C. 4/7   D. 8/15

16. Among Ghauri II, Shaheen I, Hatf I and Hatf II, which is the long range missile that was tested by Pakistan in the wake of India Testing Agni II?

A. Ghauri II   B. Shaheen I   C. Hatf I   D. Hatf II 2.

17. Wind energy, Electrical Energy, Heat Energy and Chemical Energy – on which Gliders depend?

A. Wind energy   B. Electrical Energy   C. Heat Energy   D. Chemical Energy

18. Hydraulic brakes in automobile work on which principle?

A. Pascal's Principle   B. Newton's Principle
C. Fleming's Principle   D. Ohm's Principle

19. Name the 2 colours (Black and yellow, Red and green, Yellow and white, Green and blue) for which colour blind persons can not distinguish

A. Yellow and White   B. Red and green   C. Black and Yellow   D. Green and blue

20. What is the name for the new technology whereby a glass fiber carries as much information as hundreds of copper wires?

A. Natural fiber technology   B. Synthetic fiber technology
C. FIBER OPTICS (OPTO-ELECTRONICS)   D. None of the above

21..Where is the Central Scientific Instruments Organisation (CSIO) located?

A. Bangalore   B. Chandigarh C. Delhi   D. Chennai

22. What colorless, pungent gas is often dissolved in water to yield a solution that is used as a biological preservative?

A. Ammonia   B. Hydrogen chloride,
C. Hydrogen sulfide.   D. Formaldehyde

23. The branch of medical science which is concerned with the study of disease as it affects a community of people is called

A. cerebrovascular diseases.
B. Alzheimer's disease:
C. Diabetes
 D. Epidemiology

24. What is another name for the Paleolithic Age?

A. Cenozoic Era   B. Mesozoic Era,
C. Paleozoic Era,   D. The Stone Age

25. Who is called the Father of the Nuclear Navy?

A. William J. Houston   B. Hyman George Rickover
C. Ernest Rutherford   D. Lise Meitner

26. The word atom is from a Greek word meaning:

A. Visible   B. Invisible   C. Transparent   D. Very light

26. Potassium Permanganate is used for purifying drinking water, because it is ....

A. Hazardous medicinal products   B. Cleaning fluids
C. Oxidising agent   D. Quaternary ammonium compound

27. Permanent hardness of water can be removed by

A. Adding Chlorine   B. Adding Potassium alum
C. Adding washing soda   D. By Boiling

28. If the radius of blood vessels of a person decreases his / her Blood Pressure will
....

A. Decrease   B. Increase   C. Become Normal   D. Fluctuate

29. Consider the following statements :

I. The constitution of India provides that the Vice-President of India shall be the ex-officio
Chairman of the Council of States
II. The Constitution of India has not fixed any emoluments for the Vice-President of India
in that capacity

Which statement(s) is/are correct?

A. Only I   B. Only II   C. Both I and II   D. Neither I nor II

30. Write the correct answer(s) for 'Zero Hour' discussion :

I. It is not directed against individual Minister
II. It covers questions raised over matters of public importance

A. Only I is correct   B. Only II is correct
C. Both I & II are correct   D. Neither I nor II

31. A, B and C have some marbles. The ratio of the number of marbles with A to the number
with B is 2 : 1. Also, the number of marbles with A to the number with C is 1 : 4. What is the
approximate percentage of the total number of marbles that are with C?

A. 25.00%
B. 33.33%
C. 72.72%
D. 75.00%