

OPENMAT (XXI) Entrance Test for Management Programmes 2007

Total No. of Questions = 200

Time : 180 Minutes

- All questions are compulsory.
- Use of calculator is not allowed. Rough work may be done in the space provided at the back of the Test booklet.
- The Test booklet has the following 4 tests :

Test-I	General Awareness	No. of Questions 30
Test-II	English Language	No. of Questions 50
Test-III	Quantitative Aptitude	No. of Questions 50
Test-IV	Reasoning	No. of Questions 70

Read the instructions given on the OMR Response Sheet carefully before you start.

**How to fill up the information on the OMR Response Sheet
(Examination Answer Sheet)**

1. Write your complete enrolment no. in 9 digits. This should correspond to the enrolment number indicated by you on the OMR Response Sheet. Also write your correct name, address with pin code in the space provided. Put your signatures on the OMR Response Sheet with date. Ensure that the Invigilator in your examination hall also puts his signatures with date on the OMR Response Sheet at the space provided.
2. On the OMR Response Sheet student's particulars are to be filled in by pen. However use HB pencil for writing the Enrolment No. and Examination Centre Code as well as for blackening the rectangle bearing the correct answer number against the serial number of the question.
3. Do not make any stray remarks on this sheet.
4. Write correct information in numerical digit in Enrolment No. and Examination Centre Code columns. The corresponding rectangle should be dark enough and should be filled in completely.
5. Each question is followed by four probable answers which are numbered 1, 2, 3 & 4. You should select and show only one answer to each question considered by you as the most appropriate or the correct answer. Select the most appropriate answer. Then by using HB pencil, blacken the rectangle bearing the correct answer number against the serial number of the question. If you find that answer to any question is none of the four alternatives given under the question you should darken the rectangle '0'.
6. If you wish to change your answer, ERASE completely the already darkened rectangle by using a good quality eraser and then blacken the rectangle bearing your revised answer number. If incorrect answer is not erased completely, smudges will be left on the erased rectangle and the question will be read as having two answers and will be ignored for giving any credit.
7. No credit will be given if more than one answer is given for one question. Therefore, you should select the most appropriate answer.
8. You should not spend too much time on any one question. If you find any particular question difficult, leave it and go to the next. If you have time left after answering all the questions, you may go back to the unanswered ones. There is no negative marking for wrong answers.

GENERAL INSTRUCTIONS

1. No cell phones, calculators, books, slide-rules, note-books or written notes, etc. will be allowed inside the examination hall.
2. You should follow the instructions given by the Centre Superintendent and by the Invigilator at the examination venue. If you violate the instructions you will be disqualified.
3. Any candidate found copying or receiving or giving assistance in the examination will be disqualified.
4. The Test Booklet and the OMR Response Sheet (Answer Sheet) would be supplied to you by the Invigilators. After the examination is over, you should hand over the OMR Response Sheet to the Invigilator before leaving the examination hall. Any candidate who does not return the OMR Response Sheet will be disqualified and the University may take further action against him/her.
5. All rough work is to be done on the test booklet itself and not on any other paper. Scrap paper is not permitted. For arriving at answers you may work in the margins, make some markings or underline in the test booklet itself.
6. The University reserves the right to cancel scores of any candidate who impersonates or uses/adopts other malpractices or uses any unfair means. The examination is conducted under uniform conditions. The University would also follow a procedure to verify the validity of scores of all examinees uniformly. If there is substantial indication that your performance is not genuine, the University may cancel your score.
7. In the event of your qualifying the Entrance Test, the hall ticket should be enclosed with your admission form while submitting it to the University for seeking admission in Management Programme along with your testimonials and programme fee. Admission forms received without hall ticket in original will be summarily rejected.

TEST I
GENERAL AWARENESS

1. Which of the following is used as a food preservative ?
 - (1) Sodium Benzoate
 - (2) Sodium Thiosulphate
 - (3) Sodium Hydroxide
 - (4) Sodium Bicarbonate
2. Which of the following authors was given the Booker Prize for the book "Half a Life" ?
 - (1) Arundhati Roy
 - (2) Vikram Seth
 - (3) V.S. Naipaul
 - (4) Kiran Bedi
3. Deficiency of which of the following causes Xerophthalmia ?
 - (1) Vitamin B₃
 - (2) Vitamin B₁₂
 - (3) Vitamin A
 - (4) Vitamin C
4. Elements of which one of the following pairs form ionic bonds between them when combined together ?
 - (1) Sodium and Chlorine
 - (2) Carbon and Hydrogen
 - (3) Chlorine and Chlorine
 - (4) Nitrogen and Hydrogen
5. When did the World Trade Organisation (WTO), which sets out rules for world trade, come into force ?
 - (1) 1948
 - (2) 1951
 - (3) 1954
 - (4) 1995
6. A regressive tax will tend to redistribute income, more
 - (1) Equally
 - (2) Unequally
 - (3) Equitably
 - (4) Proportionately

7. While considering the Gross National Product (GNP), which of the following is **not** required ?
- (1) Governmental purchases of goods
 - (2) Per capita income of individuals
 - (3) Private investment
 - (4) Net Foreign Investment
8. Which of the following poets coined the title 'Lady with a Lamp' for Florence Nightingale in his 1858 poem, 'Santa Filomena' ?
- (1) T.S. Eliot
 - (2) Robert Frost
 - (3) William Wordsworth
 - (4) Henry Longfellow
9. Which global communications giant was originally set up by Alexander Graham Bell as The Bell Telephone Company in 1877 ?
- (1) Siemens
 - (2) Nokia
 - (3) AT & T
 - (4) Ericsson
10. Who is the author of the book "Beyond Peace" ?
- (1) Richard Nixon
 - (2) Mikhail Gorbachev
 - (3) Nelson Mandela
 - (4) George Bush
11. Which of its states did the US purchase from Spain for 5 million dollars in 1877 ?
- (1) Arizona
 - (2) New Mexico
 - (3) Washington
 - (4) Florida
12. The element of an electric stove is made of
- (1) Copper
 - (2) Invar
 - (3) Magnalium
 - (4) Nichrome

13. A body falling freely from a height towards the earth, moves with uniform
- (1) Speed
 - (2) Velocity
 - (3) Acceleration
 - (4) Weight
14. Which of the following substances is obtained by fractionation of human blood ?
- (1) Antivenom Serum
 - (2) Gamma Globulin
 - (3) Polio Vaccine
 - (4) Diphtheria Antitoxin
15. To whom did Iltutmish dedicate the 'Qutab Minar' ?
- (1) Razia Sultan
 - (2) Qutbuddin Aibak
 - (3) Qutbuddin Bakhtiyar Kaki
 - (4) Moinuddin Chisti
16. "Beyond The Last Blue Mountain" is the biography of
- (1) Sir Edmund Hillary
 - (2) Bachhendri Pal
 - (3) JRD Tata
 - (4) Dhirubhai Ambani
17. Which of the following countries was the host of the 20th Winter Olympics in 2006 ?
- (1) Italy
 - (2) Australia
 - (3) Spain
 - (4) Canada
18. The first Viceroy of India was
- (1) Lord Hastings
 - (2) Lord Canning
 - (3) Lord Minto
 - (4) Lord Curzon
19. Sandy soil is dry in comparison to clay due to
- (1) Osmosis
 - (2) Plasmolysis
 - (3) Capillary action
 - (4) Environment

20. Which of the following features may occur, when volcano lava cools at the surface ?
- (1) Batholith
 - (2) Basalt Plateau
 - (3) Laccolith
 - (4) Sill
21. Which of the following is the sweetest natural sugar ?
- (1) Glucose
 - (2) Lactose
 - (3) Sucrose
 - (4) Fructose
22. Which of the following is a vitamin ?
- (1) Keratin
 - (2) Riboflavin
 - (3) Thyroxin
 - (4) Adrenalin
23. The first general elections to the Lok Sabha were held in
- (1) 1948
 - (2) 1950
 - (3) 1952
 - (4) 1954
24. Mahatma Gandhi was the editor of
- (1) National Herald
 - (2) Modern Review
 - (3) Seminar
 - (4) Young India
25. When were the High Courts in Calcutta, Madras and Bombay established ?
- (1) 1861
 - (2) 1929
 - (3) 1952
 - (4) 1961

26. The All India Trade Union Congress came into being in 1920 as the foremost representative of the labour movement in India. Who amongst the following was the founder of AITUC ?
- (1) Shri Ram Bajpai
 - (2) H.N. Kunzru
 - (3) N.M. Joshi
 - (4) V.V. Giri
27. Which of the following titles, given by the British Government to Mahatma Gandhi, was surrendered during the Non-Cooperation Movement ?
- (1) Rt. Honorable
 - (2) Rai Bahadur
 - (3) Hind Kesari
 - (4) Kaiser-e-Hind
28. Who amongst the following was impeached in England for acts committed as Governor General of India ?
- (1) Wellesley
 - (2) Warren Hastings
 - (3) Cornwallis
 - (4) Cavendish Bentinck
29. Which of the following is observed as the "World Population Day" ?
- (1) 11th June
 - (2) 11th July
 - (3) 11th August
 - (4) 11th September
30. Who was the first woman President of the Indian National Congress ?
- (1) Vijayalakshmi Pandit
 - (2) Sarojini Naidu
 - (3) Bhikaji Cama
 - (4) Annie Besant