ENTRANCE EXAMINATION FOR ADMISSION, MAY 2012.

M.B.A. (INTERNATIONAL BUSINESS)

COURSE CODE : 382

Register Number :

Signature of the Invigilator
(with date)

COURSE CODE : 382

Time : 2 Hours   Max : 400 Marks

Instructions to Candidates :

1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.

2. Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.

3. Read each of the question carefully and shade the relevant answer (A) or (B) or (C) or (D) or (E) in the relevant box of the ANSWER SHEET using HB pencil.

4. Avoid blind guessing. A wrong answer will fetch you –1 mark and the correct answer will fetch 4 marks.

5. Do not write anything in the question paper. Use the white sheets attached at the end for rough works.

6. Do not open the question paper until the start signal is given.

7. Do not attempt to answer after stop signal is given. Any such attempt will disqualify your candidature.

8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.

9. Use of Calculators, Tables, etc. are prohibited.

ENGLISH PROFICIENCY

Direction (for Q. Nos. 1 - 2):

Read each of the sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).

1. (solve as per the direction given above)

    (A) Do you know   (B) To play   (C) The guitar?   (D) No error

2. (solve as per the direction given above)

    (A) After leaving his office   (B) He went directly

    (C) To a restaurant.   (D) No error

Direction (for Q. Nos. 3 - 4):

Read each of the sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'E' (Ignore the errors of punctuation, if any).

3. (solve as per the direction given above)

    (A) The observers felt that   (B) The stronger team had to face

    (C) Defeat because the players   (D) Didn't play whole hearted

    (E) No error

4. (solve as per the direction given above)

    (A) Ramesh did not like

    (B) Leaving his old parents alone in the house

    (C) But he had no alternative

    (D) As he has to go out to work.

    (E) No error.

Direction (for Q. Nos. 5 - 8):

In the following the questions choose the word which best expresses the meaning of the given word

5. RESCUE

    (A) Command   (B) Help   (C) Defence   (D) Safety

6. RECKLESS

    (A) Courageous   (B) Rash   (C) Bold   (D) Daring

7. INSOLVENT

   (A) Poor   (B) Bankrupt   (C) Penniless   (D) Broke

8. AWAKENED

   (A) Enlightened   (B) Realised   (C) Shook   (D) Waken

Direction (for Q. No. 9):

In each of the sentences given below a word is printed in bold Below it four choices are given. Pick up the one which is most nearly the same in meaning as the word printer in bold and can replaces it without altering the meaning of the sentence

9. Swift is known in the world of letters for his misogynism.

   (A) hate for mankind   (B) hate for womankind

   (C) love for the reasonable   (D) love for the womankind

Direction (for Q. Nos. 10 - 12):

In the following questions choose the word which is the exact OPPOSITE of the given words.

10. EXTRAVAGANCE

   (A) Luxury   (B) Poverty   (C) Economical   (D) Cheapness

11. FRUGAL

   (A) Copious   (B) Extravagant (C) Generous   (D) Ostentatious

12. LEND

   (A) Borrow   (B) Cheat   (C) Pawn   (D) Hire

Direction (for Q. Nos. 13 - 14):

Each sentences below consist of a word or a phrase which is bold It is followed by four words or phrases. Select the word or phrase which is closes to the OPPOSITE in meaning of the bold word or phrase

13. Unsettled conditions in the land led to exodus of hundreds of its citizens.

   (A) invasion   (B) entry   (C) immigration (D) expulsion

14. Adversity teaches man to be humble and self-reliant.

   (A) sincerity   (B) animosity   (C) curiosity   (D) prosperity

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Direction (for Q. No. 15):

Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete

15. The river overflowed its ——————— and flooded the area

(A) Edges   (B) Fronts   (C) Limits   (D) Banks

Direction (for Q. No. 16):

In each sentence below, four words which are lettered (A), (B), (C) and (D) have been printed in bold type, one which may be either inappropriate in the context of the sentence or wrongly spelt. The letter of that word is answer. If all the four words are appropriate and also correctly spelt, mark 'E' i.e, 'All Correct' as the answer.

16. (solve as per the direction given above)

(A) People in our country are distressed   (B) By the spate of strikes, an almost

(C) Perpetual go slow and   (D) Increadibily low productivity

(E) All correct

Direction (for Q. No. 17):

Which of phrases given below each sentence should replace the phrase printed in bold type to make the grammatically correct? If the sentence is correct as it is, mark 'E' as the answer.

17. They failed in their attempt to repair the demolished portion of that building.

(A) for their attempt to repair   (B) in their attempting to repair

(C) with their attempt to repair   (D) No correction required

Direction (for Q. No. 18):

In questions below, each passage consist of six sentences. The first and sixth sentence are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. Find out the proper order for the four sentences.

18. S1: Most of the universities in the country are now facing financial crisis.

P : Cost benefit yardstick thus should not be applied in the case of universities.

Q : The current state of affairs cannot be allowed to continue for long.

R : Universities cannot be equated with commercial enterprises.

S : Proper development of universities and colleges must be ensured

S6 : The Government should realise this before it is too late.

    The Proper sequence should be:

(A) QRPS   (B) QSPR   (C) QRSP   (D) QPRS

Direction (for Q. Nos. 19 - 20):

Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

19. DIVA:OPERA

    (A) producer:theatre   (B) director:drama

    (C) conductor:bus   (D) thespian:play

20. TEN:DECIMAL

    (A) seven:septet   (B) four:quartet

    (C) two:binary   (D) five:quince

SECTION – B

QUANTITATIVE APTITUDE

21. Which of the following statements is correct?

    (A) Decimal expansion of a rational number is terminating.

    (B) Decimal expansion of an irrational number is non-terminating.

    (C) Decimal expansion of an irrational number is terminating.

    (D) Decimal expansion of an irrational number is non-terminating and non-repeating.

22. How many numbers between 100 and 500 are divisible by 17?

    (A) 22   (B) 23   (C) 24   (D) 25

23. Find the last digit of 3^{57}

    (A) 3   (B) 9   (C) 6   (D) 12

24. If $a+b+c=0$ what is the value of $a^2/bc + b^2/ca + c^2/ab$?

    (A) 1   (B) 0   (C) -1   (D) 3

25. If L.(C)M of two numbers is 71 and H.(C)F is 7, how many pairs of such numbers are possible?

(A) 0 (B) 1 (C) 2 (D) 3

26. If $A=2^2*3^3*5^5$ and $B=2^3*3^2*5$, then LCM of A an B is

(A) $2^3*3^3*5^5$ (B) $2^2*3^3*5^5$ (C) $2^3*3^2*5^5$ (D) $2^3*3^3*5^2$

27. The product of HCF and LCM of 18 and 16 is

(A) 2 (B) 48 (C) 144 (D) 288

28. Three wheels completing 48, 36 and 24 revolutions in a minute, starting from a certain point in their circumference downwards, by what time will they come together again in the same position?

(A) 5 sec (B) 6 sec (C) 8 sec (D) 10 sec

29. In an examination, 40% of the students failed in mathematics, 30% failed in English and 10% failed in both the subjects. What is the percentage of students who passed in these subjects?

(A) 10% (B) 40% (C) 30% (D) 60%

30. Price of sugar decreased by 20%. If price of sugar was Rs.10 then what would be its new price?

(A) Rs.8 (B) Rs.10 (C) Rs.12 (D) Rs.14

31. The length, Breadth and height of a room in the shape of cuboid are increased by 10%, 20% and 50% respectively. Find the % change in the volume of cuboid

(A) 77% (B) 87% (C) 98% (D) 55%

32. A mixture of 40 liters of milk and water contain 10% water. How much water should be added to it so that water may be 20% in the new mixture?

(A) 5 lt. (B) 4 lt. (C) 6.5 lt. (D) 75 lt.

33. Cost price of 15 tablets is equal to the selling price of 20 tablets, then loss percent would be

(A) 25% (B) 20% (C) 30% (D) 45%

34. A reduction of 10% in the price of sugar enables a man to buy 25 kg more for Rs.225. What is the reduced price (per kg)?

(A) Rs.1 (B) 90 paise (C) 30 paise (D) Rs.4

35. A manufacturer offers a 10% discount on the market price of a machine and yet makes a profit of 10%. If he gains Rs.900 per machine, what is the market price of each machine?

   (A) Rs.9,000   (B) Rs.9,900   (C) Rs. 10,000   (D) Rs.11,000

36. The market price of an article is Rs.100. if it is sold at a discount of 10%, a profit of 35% is made What loss or profit will be made if it is sold for Rs.30 less than marked price?

   (A) 10% loss   (B) 8% gain

   (C) 5% gain   (D) cannot be determined

37. 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 for the same time will be

   (A) Rs.350   (B) Rs.375   (C) Rs.380   (D) Rs.400

38. Aditya obtains a loan of Rs.64,000 against his fixed deposit. If the rate of interest is 2.5 paise per rupee per annum. Calculate the compound interest payable after 3 years.

   (A) Rs.4,129   (B) Rs. 4,291   (C) Rs.4,921   (D) Rs.5,119

39. Ten years ago, the average age of a family of 4 members was 24 years. Two children having been born, the average age of the family is same today. What is the present age of the youngest child if they differ in age by 2 years?

   (A) 1 year   (B) 2 years   (C) 3 years   (D) 5 years

40. If Rs.581 is divided among A, B and C such that 4A=5B=7C then which of the following is true?

   (A) Rs.245 for A   (B) Rs.196 for B   (C) Rs.140 for C   (D) all of these

SECTION – C

TEST OF LOGICAL REASONING

41. In a certain code '2 5 6' means 'Red Colour Chalk', ' 5 8 9' means 'Green Colour Flower' and ' 2 4 5' means 'White Colour Chalk'. What digit in the code means 'White'?

   (A) 2   (B) 4

   (C) 5   (D) Cannot be determined

   (E) None of these

42. If the following words were rearranged in alphabetical order as in a dictionary, which will come in the middle?

(A) Plane   (B) Plain   (C) Plenty   (D) Player

(E) Place

43. Four of the following five are alike in a certain way and so form a group. Which one does not belong to that group?

(A) Bud   (B) Branch   (C) Leaf   (D) Root

(E) Plant

44. 'Needle' is related to 'Clock' as 'Wheel' is related to...?

(A) Drive   (B) Vehicle   (C) Circular   (D) Move

(E) Road

45. Two letters in the word 'PRESENCE' have as many letters between them in the word as there are between them in the alphabet and in the same order. Which one of the two letters comes earlier in the alphabet?

(A) C   (B) E   (C) R   (D) P

(E) None of these

46. Rakesh is standing at a point. He walks 20 m towards the East and further 10 m towards the South; then he walks 35 m towards the West; and further 5 m towards the East. What is the straight distance in metres between his starting point and the point where he reached last?

(A) 0   (B) 5

(C) 10   (D) Cannot be determined

(E) None of these

47. Which of the following pairs of letters should come in the place of question mark(?) in the twin letter series given below?

BY IQ NK QG ?

(A) RF   (B) TF   (C) RE   (D) SE

(E) None of these

48. If '+' means '/', '/' means '-', '-' means '×' and '×' means '+' then 48+16/4−2×8=?

    (A)   3   (B)   6   (C)   -28   (D)   112

    (E)   None of these

Questions 49-50 are based on the following.

The fewer restrictions there are on the advertising of legal services, the more lawyers there are who advertise their services, and the lawyers who advertise a specific service usually charge less for that service than lawyers who do not advertise Therefore, if the state removes any of its current restrictions, such as the one against advertisements that do not specify fee arrangements, overall consumer legal costs will be lower than if the state retains its current restrictions.

49. If the statements above are true, which of the following must be true?

    (A)   Some lawyers who now advertise will charge more for specific services if they do not have to specify fee arrangements in the advertisements.

    (B)   More consumers will use legal services if there are fewer restrictions on the advertising of legal services.

    (C)   If the restriction against advertisements that do not specify fee arrangements is removed, more lawyers will advertise their services.

    (D)   If more lawyers advertise lower prices for specific services, some lawyers who do not advertise will also charge less than they currently charge for those services.

    (E)   If the only restrictions on the advertising of legal services were those that apply to every type of advertising, most lawyers would advertise their services

50. Which of the following, if true, would most seriously weaken the argument concerning overall consumer legal costs?

    (A)   The state has recently removed some other restrictions that had limited the advertising of legal services.

    (B)   The state is unlikely to remove all of the restrictions that apply solely to the advertising of legal services.

    (C)   Lawyers who do not advertise generally provide legal services of the same quality as those provided by lawyers who do advertise

    (D)   Most lawyers who now specify fee arrangements in their advertisements would continue to do so even if the specification were not required

    (E)   Most lawyers who advertise specific services do not lower their fees for those services when they begin to advertise

51. Four of the following five groups of letters are alike in some way while one is different. Find out which one is different.

(A) ISLOJ   (B) LUOQM   (C) AKDGB   (D) FPILG

(E) NXQTO

52. In the sequence given below the sum of the two digits which immediately precede the digit '4' exceeds the sum of the two digits which immediately follow the digit 4 and sum of the two digits which immediately follow the digit 6 exceeds the sum of the two digits which immediately precede the digit 6. How many such 4's and 6's together are there?

5 4 4 6 2 6 3 5 6 4 2 8 4 3 7 6 6 4 8 3

(A) 4   (B) 6   (C) 3   (D) 5

(E) None of these

53. If 4+5 = 41 and 10 +12 = 244, then 6 + 8 = —————— ?

(A) 100   (B) 200   (C) 88   (D) 96

54. 1 8 27 65 125 216 343

(A) 27   (B) 65   (C) 125   (D) 216

55. 2 9 22 51 107 219 443

(A) 22   (B) 51   (C) 107   (D) 219

Directions (Questions 56 to 60):

One of the words given in the alternatives cannot be formed by using the letters given in the question. Find out that word

56. ENCOURAGE

(A) ANGER   (B) GREEN   (C) USAGE   (D) COURAGE
(E) None of these

57. CONCENTRATE

(A) CENTRE   (B) CONCERN   (C) TREAT   (D) REASON

(E) None of these

58. INTRANSIGENT

(A) STAIN   (B) TRAIN   (C) RESIGN   (D) TRACE

(E) None of these

59. MAGNETIC

(A) MENACE   (B) GAIN   (C) NAME   (D) GAME

(E) None of these

60. ENTHUSIASM

(A) MITE   (B) ASSIST   (C) ATHENS   (D) SENT

(E) None of these

SECTION – D

DATA SUFFICIENCY

(A) If the question can be answered by using statement (1) alone

(B) If the question can be answered by using statement (2) alone

(C) If the question can be answered by using either of the statements alone

(D) If the question can be answered by using both the statements together, but cannot be answered by using either of the statements alone

(E) If more data is required to answer the question

61. Ram wants to send letters to Babu. In each letter there is one of the three alphabets (O,W,L). If a letter contains alphabet O, he has to pay 10 Rupee If it contains W, then he has to pay 15 Rupee and if it contains L, then he has to pay 20 Rupees. How many letters he has sent containing L?

(A) Total amount he has paid is 150 Rupees and he sent total 10 letters.

(B) He has not sent more than two letters which contains letter 'W'.

62. Certain capital letters of the alphabet are both horizontally and vertically symmetrical. Does the four letter word contain at least two letters which are both horizontally and vertically symmetrical?

(A) The word consists of only vowels and every letter is distinct.

(B) The word consists of only the odd letters of the alphabet which are not prime numbered

63. Ram and Laxman alone are travelling in a car owned by one of them. Who is the owner of the car?

(A) The driver is not the owner of the car.

(B) Ram is not driving the car.

64. How many Sundays are there in a month if the first day of the month is a Sunday?

    (A) The month is January

    (B) The month is February

65. What is the value of $|x|$?

    (A) $x = -|x|$

    (B) $x^2 = 4$

66. Is r greater than 0.27?

    (A) r is greater than 1/4

    (B) r is equal to 3/10

67. What percent of a group of people are women with red hair?

    (A) of the women in the group, 5 percent have red hair

    (B) of the men in the group, 10 percent have red hair

68. Is it true that a>b?

    (A) 2a>2b

    (B) a+c> b+c

69. What distance did Ajay travel?

    (A) Suraj travelled 40 miles in 40 minutes.

    (B) Ajay travelled at the same average rate as Suraj

70. The profit from the sale of a certain appliance increases, though not proportionally with the number of units sol(D) Did the profit exceed 4 crore on sale of 380 units?

    (A) the profit exceeded 2 crore on sales of 200 units.

    (B) the profit exceeded 5 crore on sales of 350 units.

    Refer to the data below and answer the questions that follow.

    There are six individuals in a family A,B,C,D,E and F. They are Psychologist, Manager, Lawyer, Jeweller, Doctor and Engineer by profession. The doctor is the grandfather of 'F' who is a Psychologist. 'C' the jeweler, is married to the lawyer. 'B' is the mother of F and E There are two married couples in the family. 'D' the manager, is the mother-in-law. Neither of the siblings is married

71. What is the profession of E?

    (A) Doctor   (B) Jeweller   (C) Manager   (D) Engineer

    (E) None of these

72. How is 'A' related to 'E'?

    (A) brother   (B) uncle   (C) father   (D) grandfather

    (E) none of these

73. How many male members are there in the family?

    (A) 2   (B) 3

    (C) 4   (D) cannot be determined

    (E) none of these

74. What is the profession of 'A'?

    (A) doctor   (B) lawyer   (C) manager   (D) jeweller

    (E) none of these

75. Who is the couple in the family?

    (A) AB   (B) AC   (C) AD   (D) CD

    (E) None of these

Refer to the data below and answer the questions that follow.

The following table shows the percentage of the market share of 6 companies in 2007 and the percentage of their market share by 2011. By the year 2011, the total car market is expected to be 25 million cars, whereas those manufactured in 2007 were 1.75 million.

Company	2007	2011
Toyota	15	20
Honda	6	11
Peugot	0	10
Opel	5	9
VW	12	15
Ford	6	10

76. In the year 2007, what were the total number of cars manufactured by companies other than the given 6 companies?

    (A) 9.45 lakhs   (B) 9.8 lakhs   (C) 0.98 lakhs   (D) 1.1 million

    (E) 7.7 lakhs

77. In the year 2007, by what percent is the leading car manufacturer ahead of the manufacturer of the least number of cars?

    (A) 200%   (B) 10%   (C) 300%   (D) 100%

    (E) Cannot be determined

78. What will be the percentage increase in VW's production capacity from 2007 to 2011?
    (A) 44%   (B) 78%   (C) 70%   (D) 86%
    (E) 92%

79. How many cars will Peugeot have manufactured by the year 2011?
    (A) 1 million (B) 0.2 million (C) 0.175 million (D) 0.25 million
    (E) 0 0.225 million

80. What will be the percentage increase in car manufactured by the 6 given companies from 2007 to 2011?

    (A) 240%   (B) 110%   (C) 143%   (D) 190%

    (E) 93%

SECTION – E

GENERAL KNOWLEDGE

81. The chief constituent of gobar gas is

    (A) Ethane   (B) Methane

    (C) Hydrogen   (D) Carbon dioxide

82. The first development flight of SLV-3 took place on

    (A) May 31, 1981   (B) April 17, 1983

    (C) December 21, 1999   (D) December 28, 1995

83. World's busiest airports by passenger traffic is

    (A) Hartsfield-Jackson Atlanta International Airport, USA

    (B) Lhasa Airport, Tibet

    (C) King Abdul Aziz International Airport, Saudi Arabia

    (D) Chicago O' Hare International Airport, USA

84. The first meeting of the UN General Assembly was held in which of the following cities?

    (A) London   (B) New York

    (C) San Francisco   (D) Teheran

85. The first Afro-Asian Games were held in

    (A) Hyderabad   (B) Sydney

    (C) Cairo   (D) Kuala Lumpur

86. The first meeting of the SAARC was opened in

    (A) Dhaka, Bangladesh

    (B) Bangalore, India

    (C) Kathmandu, Nepal

    (D) Islamabad, Pakistan

87. The credit of inventing the television goes to

    (A) Faraday   (B) Baird   (C) Edison   (D) Marconi

88. The dance performed by women to invoke rain in Bihar is

    (A) Jata Jatin   (B) Faguna or Fog   (C) Purbi   (D) Bihu

89. The department of Atomic Energy was established in

    (A) 1948   (B) 1956   (C) 1963   (D) 1971

90. The full-fledged Commonwealth Games were first organized in ———— at ————

    (A) 1930; Hamilton in Canada   (B) 1934; London in England

    (C) 1932; Sydney in Australia   (D) 1936; Cardiff in UK

91. The country, which was admitted to the membership of the United Nations in September 2002, is

    (A) Macedonia   (B) East Timor   (C) Andorra   (D) Eritrea

92. The element of an electric stove made

    (A) Copper   (B) Invar   (C) Magnalium   (D) Nicrome

93. The first Winter Olympic Games were held at

    (A) Innsburck (Austria)   (B) Lake Placid (USA)

    (C) Chamonix (France)   (D) Calgary (Alberta)

94. The collage of Military Engineering is situated at

    (A) Pune   (B) Mhow   (C) Dehradun   (D) Chennai

95. The conservation hawks and owls is important to mankind chiefly because these birds eat

    (A) Numerous weed seeds   (B) Harmful birds

    (C) Many harmful rodents   (D) Harmful reptiles

96. The first attempt in printing was made in England by

    (A) James Arkwright   (B) James Watt

    (C) William Caxton   (D) Isaac Newton

97. The country's first indigenously built missile boat was

    (A) INS Vibhuti   (B) INS Vipul

    (C) INS Savitri   (D) INS Shakti

98. The corps of Military Police central school is situated at

    (A) Bangalore   (B) West Bengal

    (C) Trimulgherry   (D) Secunderabad

99. The clear sky looks blue because

    (A) Reflection of light   (B) Refraction of light

    (C) Diffraction of light   (D) Dispersion of light

100. The award instituted to honor outstanding agricultural scientists is

    (A) Bhatnagar Award   (B) Dadabhai Naoroji Award

    (C) Borlaug Award   (D) Arjuna Award