SAMPLE TEST PAPER

INSTITUTE OF BUSINESS ADMINISTRATION (IBA)

PLEASE DO NOT WRITE ANYTHING ON THESE PAGES
ALL ANSWERS MUST BE GIVEN ON THE ANSWER SHEET
PART – I (English)

No. of Questions: 45 (From 1 to 45)	Time allowed: 50 minutes
	Negative marking: **YES**

Grammar and Vocabulary Section

Q 1-15 Fill in the blanks with suitable words given at the end of the text.

I (1) _____ the first flat we lived in (2) _____ our marriage very well. I was not (3) _____much, and Radha was (4) _____ a student, so our weekly income was very small, and we simply (5) _____ to find a cheap flat (6) _____ Looking over lots of places, we (7) _____ found one that we could (8) _____ and it was not too uncomfortable. There was a big sitting room and a tiny kitchen, just big (9) _____ for one (10) _____ to get (11) _____ We had to share a bathroom with the people in the next flat. Ours was on the first floor, directly over a (12) _____ shop, and although the smell of fruit was quite (13) _____, (14) _____ of some of the vegetables was not (15) _____ agreeable.

1. (A) recollect (B) remember (C) forget
   (D) decorate (E) furnish

2. (A) before (B) during (C) in
   (D) after (E) for

3. (A) obtaining (B) earning (C) paying
   (D) gaining (E) collecting

4. (A) just (B) hardly (C) firmly
   (D) fast (E) chiefly

5. (A) have (B) had (C) will have
   (D) have had (E) would have

6. (A) upon (B) in (C) after
   (D) about (E) at

7. (A) would (B) have (C) will
   (D) had (E) could

8. (A) sell (B) rent out (C) give away

	(D)	afford	(E)	use		

9. (A) about   (B) adequate   (C) efficient
    (D) afford   (E) enough

10. (A) group   (B) family   (C) personal
    (D) get-together (E) party

11. (A) about   (B) by   (C) along
    (D) down   (E) in

12. (A) grocer's   (B) mercantile   (C) sweetmeats
    (D) retail   (E) green grocer's

13. (A) smelly   (B) stinking   (C) pleasant
    (D) dislikeable (E) sad

14. (A) which   (B) that   (C) who
    (D) where   (E) the

15. (A) quite   (B) too much   (C) far
    (D) so as   (E) but

Q 16-25 Choose the best option.

The skin's worst enemy is the sun. If you avoid (16) _____ you can (17) _____ to prolong the young and (18) _____ skin. The sun (19) _____ deprive the skin of (20) _____ hastening the appearance of (21) _____ lines and wrinkles that (22) _____ is all about. It is (23)_____ responsible for many skin (24) _____ like pigmentation, discoloration, freckles and (25) _____ skin cancer. So, protect the skin with a sunscreen and moisturize it daily.

16. (A) extra exposure to the sun   (B) much
    (C) additional   (D) excessive

17. (A) aid   (B) help
    (C) assist   (D) make

18. (A) handsomeness of the   (B) luxury
    (C) beauty   (D) suppleness

19. (A) can   (B) may
    (C) shall   (D) will

20. (A) water   (B) dampness
    (C) wetness   (D) moisture

21. (A) these   (B) those
    (C) some   (D) certain

22. (A) growing   (B) increasing
    (C) ageing   (D) mellowing

A PRESENTATION OF STUDENTS' CORNER

| 23. | (A) | also | (B) | besides |
| | (C) | even | (D) | possibly |

| 24. | (A) | itches | (B) | illness |
| | (C) | questions | (D) | problems |

| 25. | (A) | a certainly | (B) | even |
| | (C) | some | (D) | certain |

Q 26-35 Select the best option.

The World Bank will take a decision soon on whether to continue supporting the Sardar Sarovar dam on the Narmada, which it had been funding (26) _____ it was launched. An internal (27)_____ of the Sardar Sarovar project (28) _____ by the Bank, following protests (29) _____ some environmental groups, is (30) _____ completion and its board (31) _____ expected to decide in May or (32) _____ 1993, whether to continue funding the (33) _____ The Bank's Vice-president for (34) _____ sustainable development Ismail Seralgdin (35) _____ commissioned the review, will make appropriate recommendations to the Board soon, according to World Bank sources here.

| 26. | (A) | as | (B) | since | (C) | when |

| 27. | (A) | assessment | (B) | opinion | (C) | examination |

| 28. | (A) | commissioned | (B) | launched | (C) | constituted |

| 29. | (A) | against | (B) | of | (C) | by |

| 30. | (A) | getting | (B) | nearing | (C) | having |

| 31. | (A) | was | (B) | is | (C) | had been |

| 32. | (A) | April | (B) | August | (C) | June |

| 33. | (A) | effort | (B) | project | (C) | people |

| 34. | (A) | socially | (B) | economically | (C) | environmentally |

| 35. | (A) | whom | (B) | who | (C) | whose |

Q 36-40 Select the best option.

Countries which do not have a very well developed machine tool industry can never (36) _____ to be even a first grade (37) _____ and economic power, much less a global industrial player. This is known from the (38) _____ of countries like Germany, USA, Japan, Switzerland and so on. When at the end of the Second World War, Japan wanted to become an industrial power, the (39) _____step she took was too (40) _____ a machine tool industry.

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36.   (A)   aspire   (B)   manifest   (C)   agree
        (D)   prosper   (E)   pursue

37.   (A)   political   (B)   industrial   (C)   military
        (D)   progressive   (E)   rich

38.   (A)   feelings   (B)   perceptions   (C)   plans
        (D)   experiences   (E)   establishments

39.   (A)   important   (B)   useful   (C)   economic
        (D)   wise   (E)   first

40.   (A)   developed   (B)   nurture   (C)   introduce
        (D)   admit   (E)   Establish

Reading Comprehension Section

Q 41-45 Choose the best answer for each passage.

Q 41
Throughout the ages the businessman has helped build civilization's great cities, provide people with luxuries and artists with patronage, and lift his fellow-citizens to understand the standard of living. In the last few centuries the businessman has seeded the Industrial Revolution around the world.

The paragraph best supports the statement that the businessman
(A)   Is accountable to the society
(B)   Is the beneficiary of the Industrial Revolution
(C)   Has contributed to the growth of civilization
(D)   Is capable of raising his standard of living
(E)   Lives a luxurious and comfortable life

Q 42
Through advertising, manufacturers exercise a high degree of control over consumers' desires. However, the manufacturer assumes enormous risks in attempting to predict what consumers will want and in producing goods in quantity and distributing them in advance of the final selection by the consumers.

The paragraph best supports the statement that manufacturers
(A)   Can eliminate the risk of overproduction by advertising
(B)   Distribute goods directly to the consumers
(C)   Can predict with great accuracy the success of any product they put on the market
(D)   Must depend finally upon the consumers for the success of their undertakings
(E)   Always take moderate and calculate risk
(F)

Q 43
The school has always been the most important means of transferring the wealth of tradition from one generation to the next. This applies today in an even higher degree than in former times for, through the modern development of economic life, the family's role as the bearer of tradition and education has become weak.
The paragraph best supports the statement that transferring the wealth of tradition from one generation to the next

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(A)   Economic development plays a crucial role
(B)   There are means other than the school
(C)   Family, as ever, is the most potent means
(D)   Several different sources must be tired
(E)   Modern technology must be put to use

Q 44

The attainment of individual and organizational goals is mutually interdependent and linked by a common denominator – employee work motivation. Organization members are motivated to satisfy their personal goals, and they contribute their efforts to the attainment of organizational objectives as means of achieving these personal goals.

The paragraph best supports the statement that motivation
(A)   Is crucial for the survival of an individual and organization
(B)   Is the external force which induces as individual to contribute his efforts
(C)   Makes organization and society inseparable
(D)   Is the product of an Individual's physical and mental energy
(E)   Encourages an individual to give priority to personal goals over organizational goals

Q 45

The prevention of accidents makes it necessary that not only safety devices be used to guard exposed machinery but also that mechanics be instructed in safety rules which they must follow for their own protection, and that the lighting to the plant be adequate.

The paragraph best supports the statement that Industrial Accidents
(A)   May be due to ignorance
(B)   Can be eliminated with the help of safety rules
(C)   Usually result from inadequate machinery
(D)   Cannot be entirely overcome
(E)   Are always avoidable

Writing Section (45 minutes)

Task 1

The chart below shows the amount of leisure time enjoyed by men and women of different employment status.

Write a report for a university lecturer describing the information shown below:

Write approximately 150 words describing the given information and focusing on the conclusions that can be drawn.

Leisure time in a typical week: by sex and employment status, 1998-99
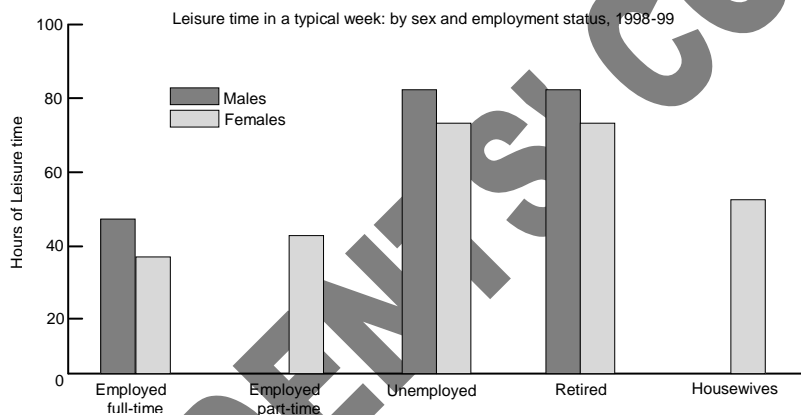
Task 2

Read the opinion stated below:

"Prevention is better than cure."

Out of a country's health budget, a large proportion should be diverted from treatment to spending on health education and preventative measures.

To what extent do you agree or disagree with the statement?

Write approximately 250 words discussing the extent to which you agree or disagree with this opinion. Support your views with specific reasons and examples from your own experience, observations or readings.

| No. of Questions: 50 (From 46 to 95)	Time allowed: 50 minutes
	Negative marking: **YES**

46- $0.2 \times 0.02 \times 0.002 =$
(A) .08 (B) .008 (C) .0008
(D) .00008 (E) .000008

47- If it costs $1.30 a square foot to lay linoleum, what be the cost of laying 20 square yards of linoleum? (**3 ft. = 1 yd.**)
(A) $47.50 (B) $49.80 (C) $150.95
(D) $249.00 (E) $234.00

48- In a family of five, the heights of the members are 5 feet 1 inch, 5 feet 7 inches, 5 feet 2 inches, 5 feet, and 4 feet 7 inches. The average height is
(A) 4 feet $4\frac{1}{5}$ inches. (B) 5 feet. (C) 5 feet 1 inch.
(D) 5 feet 2 inches (E) 5 feet 3 inches

49- Three times the first of three consecutive odd integers is 3 more than twice the third. Find the third integer.
(A) 7 (B) 9 (C) 11
(D) 13 (E) 15

50- In the figure below, the largest possible circle is cut out of a square piece of tin. The area, in square inches, of the remaining piece of tin is approximately.
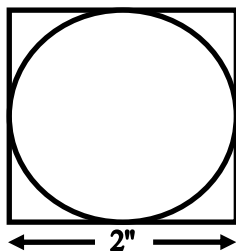
(A) .14 (B) .75 (C) .86
(D) 1.0 (E) 3.14

51- The figure shows one square inside another and a rectangle of diagonal *T*. the best approximation to the value of *T*, in inches, is given by which of the following inequalities?


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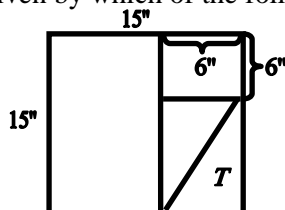
52- If nails are bought at 35 cents per dozen and sold at 3 for 10 cents, the total profits on 5 ½ dozen is
(A) 25cents   (B) 27 ½ cents   (C) 28 ½ cents
(D) 31 ½ cents   (E) 35 cents

53- The total number of eighths in 2 ¾ is
(A) 11   (B) 14   (C) 19
(D) 22   (E) 24

54- What is the difference when -x-y is subtracted from $-x^2+2y$?
(A) x^2-x-3y   (B) -3x+y   (C) x^2+3y
(D) $-x^2$+x-3y   (E) $-x^2$+x+3y

55- If $2^m = 4x$ and $2^w = 8x$, what is m in terms of w?
(A) $w - 1$ (B) $w + 1$ (C) $2w - 1$
(D) $2w + 1$ (E) w^2

56- 1 ¼ subtracted from its reciprocal is:
(A) $\frac{9}{20}$ (B) $\frac{1}{5}$ (C) $-\frac{1}{20}$
(D) $-\frac{1}{5}$ (E) $-\frac{9}{20}$

57- The total number of feet in x yards, y feet, and z inches is:
(A) $3x + y + \frac{z}{12}$ (B) $12(x + y + z)$ (C) $x + y + z$
(D) $\frac{x}{36} + \frac{y}{12} + z$ (E) x +3y + 36z

58- If five triangles are constructed having sides of the lengths indicated below, the triangle that will NOT be a right triangle is:
(A) 5-12-13   (B) 3-4-5   (C) 8-15-17
(D) 9-40-41   (E) 12-15-18

59- Of the following, the one that may used correctly to compute 26 x 3 ½ is:
(A) (26 x 30) + (26 x ½)   (B) (20 x 3) + (6 x ½)   (C) (20 x ½) + (6 x 3)
(D) (20 x 3) + (26 x ½) + (6 x ½)   (E) (26 x ½) + (20 x 3) + (6 x 3)

60- In the figure, *ST* is tangent to the circle at *T*. *RT* is a diameter. If *RS* = 12, and *ST* = 8, what is the area of the circle?


(A) 5π (B) 8π (C) 9π
(D) 20π (E) 40π
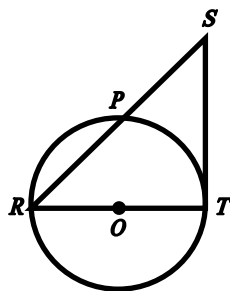
61- What would be the marked price of an article if the cost was \$12.60 and the gain was 10% of the selling price?

(A)	\$11.34	(B)	\$12.48	(C)	\$13.66	
(D)	\$13.86	(E)	\$14.00			

62- If the average weight of boys who are John's age and height is 105 lbs., and if John weighs 110% of the average, then how many pounds does John weigh?

(A)	110	(B)	110.5	(C)	112	
(D)	114.5	(E)	115.5			

63- Sonya has 4 twenty-dollar bills, 3 ten-dollar bills, 7 five-dollar bills, and 6 one-dollar bills in her wallet. If she removes one bill from her wallet at random, what is the probability that this one bill will be enough for her to purchase an \$8.50 item?

(A) $\frac{1}{5}$ (B) $\frac{7}{20}$ (C) $\frac{2}{5}$

(D) $\frac{13}{20}$ (E) $\frac{7}{10}$

64- The Cyber Corporation buys a new machine for \$80,000. If the machine loses 15% of its value each year, what is its value after 4 years?

(A)	\$41,760.50	(B)	\$42,750	(C)	\$43,350	
(D)	\$49,130	(E)	\$57,800			

65- For which of the following sets of numbers is the median greater than the mode?

     I.   {7, 7, 9, 10, 11}
     II.   {-2, -1, 0, 1, 1}
     III.   {12, 13, 13, 14, 15}

(A)	I only	(B)	II only	(C)	III only
(D)	I and III only	(E)	I, II or III		

66- The average temperatures for five days were 82°, 86°, 79° and 91°. what is the mode for these temperatures?

(A)	79°	(B)	82°	(C)	85.8^{o}
(D)	86°	(E)	91°		

67- If $-2x + 5 = 2 - (5 - 2x)$, what is the value of x?

(A)	-2	(B)	½	(C)	2
(D)	3	(E)	5		

68- What is the value of $3\left(\frac{81}{16}\right)^{-\frac{3}{4}}$

(A) $\frac{8}{27}$ (B) $\frac{3}{4}$ (C) $\frac{8}{9}$

(D) $\frac{9}{8}$ (E) $\frac{4}{3}$

69- What is the sum of the solutions of the equation $|2x - 7| = 11$?

(A)	-9	(B)	-7	(C)	5
(D)	7	(E)	9		

70- What is the slope of line that contains the points (-6, -5) and (-2, 7)?

(A) -3   (B) $-\frac{1}{3}$ (C) 0

(D) $\frac{1}{3}$ (E) 3

71- Nine playing cards from the same deck are placed as shown in the figure below to form a large rectangle of area 180 sq. in. how many inches are there in the perimeter of this large rectangle?
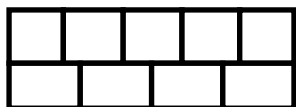

(A)   29   (B)   58   (C)   64
(D)   116   (E)   210

72- If each of the dimensions of a rectangle is increased 100%, the area is increased:
(A)   100%   (B)   200%   (C)   300%
(D)   400%   (E)   500%

73- A recipe for a cake calls for 2 ½ cups of milk and 3 cups of flour. With this recipe, a cake was baked using 14 cups of flour. How many cups of milk were required?

(A) $10\frac{1}{3}$ (B) $10\frac{3}{4}$ (C)   11

(D) $11\frac{3}{5}$ (E) $11\frac{2}{3}$

74- In the figure below, *M* and *N* are midpoints of the sides *PR* and *PQ*, respectively, of *ΔPQR*, what is the ratio of the area of *ΔMNS* to that of *ΔPQR*?
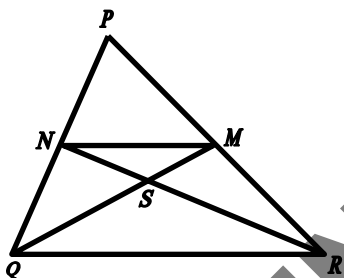
(A)   2:5   (B)   2:9   (C)   1:4
(D)   1:8   (E)   1:12

75- What is 10% of $\frac{1}{3}$ x if $\frac{2}{3}$ x is 10% of 60?
(A)   .1   (B)   .2   (C)   .3
(D)   .4   (E)   .5

76- The total savings in purchasing thirty 13-cent lollipops for a class party at a reduced rate of $1.38 per dozen is:
(A) $.35   (B) $.38   (C) $.40
(D) $.45   (E) $.50

77- A gallon of water is equal to 231 cubic inches. How many gallons of water are needed to fill a fish tank that measures 11'' high, 14'' long, and 9'' wide?
(A)   6   (B)   8   (C)   9
(D)   14   (E)   16

78- The area of a right triangle is 12 square inches. The ratio of its legs is 2:3. Find the number of inches in the hypotenuse of this triangle.
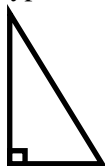
(A) $\sqrt{13}$ (B) $\sqrt{26}$ (C) $3\sqrt{13}$

(D) $2\sqrt{13}$ (E) $4\sqrt{13}$

79- A rectangular block of metal weighs 3 ounces. How many pounds will a similar block of the same metal weigh if the edges are twice as large?

(A) $\frac{3}{8}$ (B) $\frac{3}{4}$ (C) $1\frac{1}{2}$

(D) 3   (E) 24

80- A college graduates goes to work for a dollars per week. After several months, the company gives all the employees a 10% pay cut. A few months later, the company gives all the employees a 10% raise. What is the college graduate's new salary?

(A) .90x   (B) .99x   (C) x

(D) 1.01x   (E) 1.11x

81- What is the net amount of a bill of $428 after a discount of 6% has been allowed?

(A) $432.62   (B) $430.88   (C) $414.85

(D) $412.19   (E) $402.32

82- A certain type of board is sold only in lengths of multiples of 2 feet, from 6 feet to 24 feet. A builder needs a larger quantity of this type of board in 5 ½ foot lengths. For minimum waste, the lengths in feet to be ordered should be:

(A) 6   (B) 12   (C) 18

(D) 22   (E) 24

83- A cube has an edge that is four inches long. If the increased by 25%, then the volume is increased by approximately:

(A) 25%   (B) 48%   (C) 73%

(B) 95%   (E) 122%

84- The ratio of $\frac{1}{4}$ to $\frac{3}{5}$ is:

(A) 1 to 3   (B) 3 to 20   (C) 5 to 12

(D) 3 to 4   (E) 5 to 4

85- Which of the following numbers is the smallest?

(A) $\sqrt{3}$ (B) $\frac{1}{\sqrt{3}}$ (C) $\frac{\sqrt{3}}{3}$

(D) $\frac{1}{3}$ (E) $\frac{1}{\sqrt[3]{3}}$

86- The radius of a circle that has a circumference equal to the perimeter of a hexagon whose sides are each 22 inches long is closest in length to which of the following?

(A) 7   (B) 14   (C) 21

(D) 24   (E) 28

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87- In the first year of the US Stickball League, the Bayonne Bombers won 50% of their games. If there were twice as many games played in the second season as in the first, what percentage of the games did the Bombers win in the first two years of the league?
(A) 115%   (B) 60%   (C) 57.5%
(D) 55%   (E) It cannot be determined from the information given.

88- If the total weight of an apple is $\frac{4}{5}$ of its weight plus $\frac{4}{5}$ of an ounce, what is its weight in ounces?
(A) $1\frac{3}{5}$ (B) $3\frac{1}{2}$ (C) 4

(B) $4\frac{4}{5}$ (E) 5

89- At which point does the graph of the function $J(x) = 6x - 18$ cross the x-axis?
(A) (3, 0)   (B) (0, 3)   (C) $(\frac{1}{3}, 0)$
(D) $(0, \frac{1}{3})$ (E) (-18, 0)

90- What is the domain of the function $h(x) = \frac{5x+15}{x^2+1}$?
(A) All real numbers except -3
(B) All real numbers except -1
(C) All real numbers except -1 and 1
(D) All real numbers except -3 and -1
(E) All real numbers

91- In how many ways can 2 Mango, 3 Black berry and 3 Tamarin trees can be planted in a straight line. If one does not distinguish between trees of the same kind.
(A) 320   (B) 380   (C) 450
(D) 560   (E) 640

92- Three travelers arrive at a town where there are four hotels; in how many ways can they take up their rooms, each at a different hotel.
(A) 12   (B) 16   (C) 24
(D) 28   (E) 32

93- A fair coin is tossed three times. What is the probability of getting at least two heads?
(A) $\frac{1}{2}$ (B) $\frac{1}{3}$ (C) $\frac{1}{4}$
(D) $\frac{3}{4}$ (E) $\frac{1}{8}$

94- Find the range in the following data:

X	3	4	5	6	7	8
F	5	8	12	10	4	2

(A) 5   (B) 7   (C) 8
(D) 9   (E) 10

95- For which of the following sets of numbers is the arithmetic mean less than the mode.
(A) {3,3,5,6,7}   (B) {3,4,4,4,5}   (C) {2,3,4,4,5}
(D) {3,4,5,5,12}   (E) {3,4,5,5,8}

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ANSWER KEY

PART – I (ENGLISH)		PART – II (MATHEMATICS)	
1.B	26. B	46.E	71.B
2.D	27.A	47.E	72.C
3.B	28.A	48.C	73.E
4.A	29.C	49.E	74.E
5.B	30.B	50.C	75.C
6.D	31.B	51.C	76.D
7.D	32.A	52.B	77.A
8.D	33.A	53.D	78.D
9.E	34.C	54.E	79.C
10.B	35.B	55.A	80.B
11.C	36.B	56.E	81.E
12.E	37.C	57.A	82.D
13.C	38.B	58.E	83.D
14.B	39.B	59.E	84.C
15.A	40.B	60.D	85.E
16.A	41.A	61.E	86.C
17.B	42.B	62.E	87.B
18.A	43.D	63.B	88.C
19.A	44.E	64.D	89.A
20.D	45.E	65.A	90.E
21.D		66.E	91.D
22.C		67.C	92.C
23.A		68.C	93.A
24.D		69.D	94.A
25.B		70.E	95.C

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