ace institute OF MANAGEMENT

COMPUTER BASED TEST
Masters Level Program
[Sample Question]

Quantitative Aptitude Test

Section	Description	No of choices	Unit marks	No of qns	Total marks
A	Work/time, patterns/sequences, venn diagrams/sets, %, age, etc	5	1	25	25
B	Data Sufficiency	5	4	5	20
C	Data interpretation /graphs	5	4	5	20
D	Two qty's - which is greater	4	3	5	15
		Total		**40**	**80**
	Percentage = (Marks obt / 80) * 100				

English Language Aptitude Test

Section	Description	No of choices	Unit marks	No of qns	Total marks
A	Antonyms/Synonyms/Key Pair	4	1	9	9
B	Odd word out	4	1	8	8
C	Sentence correction	5	2	5	10
D	Sentence sequencing	4	3	5	15
E	Fill in blanks - sentence completion	4	2	8	16
F	Two words - pair of words FIB	5	4	3	12
G	Critical Reasoning	5	5	2	10
	Percentage = (Marks obt / 80) * 100	**Total**		**40**	**80**

English Language Aptitude Test

1. Antonyms/synonyms

1. **Select the word which is opposite in meaning to the key word given**

    obscure

    - incomprehensible
    - ambiguous
    - murky
    - obvious

2. **Select the word which is opposite in meaning to the key word given**

    swathe

    - uncover
    - swaddle
    - shroud
    - sheathe

3. **Select the word which is opposite in meaning to the key word given**

    bamboozle

    - confound
    - enlighten
    - perplex
    - mystify

4. **Select the word which is opposite in meaning to the key word given**

    impede

    - inhibit
    - obstruct
    - facilitate
    - encumber

5. **Select the word which is opposite in meaning to the key word given**

    deter

    - discourage
    - put off
    - dissuade
    - persuade

6. **Select the word which is opposite in meaning to the key word given**

    loiter

    - dally
    - hurry
    - dawdle
    - linger

7. **Select the word which is opposite in meaning to the key word given**

    fatigue

    - tiredness
    - exhaustion
    - weariness

- energy

8. **Select the word which is opposite in meaning to the key word given**

    fervor

    - ardor
    - apathy
    - fanaticism
    - zeal

9. **Select the word which is opposite in meaning to the key word given**

    savor

    - relish
    - appreciate
    - dislike
    - value

10. **Select the word which is opposite in meaning to the key word given**

    vivacity

    - verve
    - exuberance
    - vivaciousness
    - lethargy

2. Odd word

1. **Select the odd word in the following set of words**

    - pen-drive
    - mouse
    - memory
    - hard-disk

2. **Select the odd word in the following set of words**

    - LCD
    - Plasma
    - CRT
    - Digital

3. **Select the odd word in the following set of words**

    - Nokia
    - Samsung
    - LG
    - Apple

4. **Select the odd word in the following set of words**

    - rugby
    - volleyball
    - tennis
    - soccer

5. **Select the odd word in the following set of words**

    - shampoo
    - lotion
    - talcum
    - deodorant

6. **Select the odd word in the following set of words**

    - France
    - Germany
    - Tokyo
    - Japan

7. **Select the odd word in the following set of words**

- tree
- man
- mouse
- paper

8. **Select the odd word in the following set of words**

- ear
- chest
- lip
- nose

3. Sentence correction

1. **Select the correct sentence from the given set of sentences**

- He that eats till he is sick must fast till he is well.
- He who eats till he is sick must fast till he is well.
- He who eats till he is sick must have to fast till he is well.
- He who eats till he was sick must fast till he is well.
- He who eats till he is sick must fast till he is in the well.

2. **Select the correct sentence from the given set of sentences**

- Look after penny, and the pounds will look after themselves.
- Look after the pennies, and the pounds look after themselves.
- Look after the pennies, and the pounds will look after itself.
- Look after the pennies, and the pounds will look after themselves.
- Looking after the pennies, the pounds will look after themselves.

3. **The following question presents a sentence, part of which or all of which is underlined. Beneath the sentence are five ways of phrasing the underlined part. Please choose from these five options in order to frame a grammatically correct sentence as a whole.**

Under SEC guidelines, a company in this situation is required either to submit revised financial statements or <u>that they withdraw their plans</u> for a public stock offering.

- that they withdraw their plans
- to withdraw its plans
- that it withdraw planning
- to have been withdrawn from their plans
- it should withdraw its plans

4. **The following question presents a sentence, part of which or all of which is underlined. Beneath the sentence are five ways of phrasing the underlined part. Please choose from these five options in order to frame a grammatically correct sentence as a whole.**

Unless I am greatly mistaken, any apparent <u>connection between my dog and the destroying of</u> your petunias is purely coincidental.

- connection between my dog and the destroying of
- connection between my dog and the destruction of
- connection of my dog with the destruction of
- connection between my dog and the destroying to
- connection from my dog with the destruction to

5. **The following question presents a sentence, part of which or all of which is underlined. Beneath the sentence are five ways of phrasing the underlined part. Please choose from these five options in order to frame a grammatically correct sentence as a whole.**

Nutritionists say that you cannot eat enough fruits and vegetables, arguing <u>that it provides nutrition</u> essential to health.

- that it provides nutrition
- that they provides nutrition
- they provide the nutrients
- it provides the nutrients
- that they provide the nutrients

4. Sentence sequencing

1. **Arrange the sentences A, B, C and D to form a logical sequence between sentences 1 and 6.**

    1. High-powered outboard motors were considered to be one of the major threats to the survival of the Beluga whales.

        A. With these, hunters could approach Belugas within hunting range and profit from its inner skin and blubber.

        B. To escape an approaching motor, Belugas have learned to dive to the ocean bottom and stay there for up to 20 minutes, by which time the confused predator has left.

        C. Today, however, even with much more powerful engines, it is difficult to come close, because the whales seem to disappear suddenly just when you thought you had them in your sights.

        D. When the first outboard engines arrived in the early 1930s, one came across 4 and 8 HP motors.

    6. Belugas seem to have used their well-known sensitivity to noise to evolve an 'avoidance' strategy to outsmart hunters and their powerful technologies.

        - DACB
        - CDAB
        - ADBC
        - BDAC

2. **Arrange the sentences A, B, C and D to form a logical sequence between sentences 1 and 6.**

    1. The reconstruction of history by post-revolutionary science texts involves more than a multiplication of historical misconstructions.

        A. Because they aim quickly to acquaint the student with what the contemporary scientific community thinks it knows, textbooks treat the various experiments, concepts, laws and theories of the current normal science as separately and as nearly seriatim as possible.

        B. Those misconstructions render revolutions invisible; the arrangement of the still visible material in science texts implies a process that, if it existed, would deny revolutions a function.

        C. But when combined with the generally unhistorical air of science writing and with the occasional systematic misconstruction, one impression is likely to follow.

        D. As pedagogy this technique of presentation is unexceptionable.

    6. Science has reached its present state by a series of individual discoveries and inventions that, when gathered together, constitute the modem body of technical knowledge.

        - BADC
        - ADCB
        - DACB
        - CBDA

3. **Sentences given in the question below, when properly sequenced, form a coherent paragraph. Each sentence is labeled with a letter. Choose the most logical order of sentences from among the four given choices to construct a coherent paragraph.**

    A. Based on William Steig's book about a giant green ogre, this irreverent computer animated fairy tale is aimed as much at children as their parents.

    B. From the start, tradition is acknowledged as well as mocked.

    C. Opening with a "Once upon a time" story narrated over the turning leaves of an illustrated book, the pages are abruptly torn away to be used as toilet paper by the mischievous Shrek.

    D. The flatulent ogre then bathes in a nearby mud pool and from there on any customary fairy tale ingredient becomes fair game.

    - ABCD
    - BADC
    - CADB
    - DBAC

4. **Sentences given in the question below, when properly sequenced, form a coherent paragraph. Each sentence is labeled with a letter. Choose the most logical order of sentences from among the four given choices to construct a coherent paragraph.**

    A. Bollywood is slowly waking up to animation movies.

B. Even otherwise, Hollywood has often made films on super-heroes, be it Superman, Spiderman, Batman et al.

C. From THE LION KING to FINDING NEMO to SHARK TALE to SHREK, Hollywood has produced qualitative animation films most successfully.

D. Though the animation industry is still in the infancy stages in India, it is for the first time that an out-and-out animation film, revolving around a mythological super-hero, is finding a wide release in India.

- ABCD
- BADC
- CBAD
- DBAC

5. **Arrange the sentences A, B, C and D to form a logical sequence between sentences 1 and 6.**

1. "Carry on, Jeeves" is a collection of ten short stories by P. G. Wodehouse.

A. The book is considered part of the Jeeves canon.

B. Many of the stories had previously appeared in the Saturday Evening Post, and some were rewritten versions of stories in the collection "My Man Jeeves" (1919).

C. It was first published in the United Kingdom on 9 October, 1925 by Herbert Jenkins, London, and in the United States on October 7, 1927 by George H. Doran, New York.

D. The first story in the book, "Jeeves Takes Charge", describes Jeeves' arrival in his master's life, as a replacement for Wooster's previous, thieving valet, and features Lady Florence Craye, as well as a passing mention of Lord Emsworth and Blandings Castle.

6. Several of the other stories are set in New York, and the book includes appearances by regular characters Bingo Little, Aunt Dahlia, Anatole, and Sir Roderick Glossop.

- ABCD
- BCAD
- CBAD
- DBCA

5. Fill in blanks - sentence completion

1. **Select the most appropriate choice to fill in the blank**

Sabrina and Gabriel have not completed the assignment yet and Cinderella_____.

- hasn't neither
- hasn't either
- haven't either
- neither hasn't

2. **Select the most appropriate choice to fill in the blank**

My parents didn't like to watch horror movies and_____.

- Neither do I
- I don't either
- I didn't either
- Neither I do.

3. **Select the most appropriate choice to fill in the blank**

No one knew the answer, _____

- did he?
- do they?
- did they?
- didn't they?

4. **Select the most appropriate choice to fill in the blank**

If I take the state transport bus, I will get late, _____?

- should I
- won't I
- don't I
- haven't I

5. **Select the most appropriate choice to fill in the blank**

Barking dogs seldom bite, _____?

- do they
- don't they
- does it
- doesn't it

6. **Select the most appropriate choice to fill in the blank**

Along with the drop in producer prices _____ yesterday, the strong retail sales figures released today seem to indicate that the economy, although growing slowly, is not nearing a recession.

- down
- call
- announced
- announce

7. **Select the most appropriate choice to fill in the blank**

Most employees in the computer industry _____ from company to company, changing job several times in their careers.

- swaying
- move
- ran
- walk

8. **Select the most appropriate choice to fill in the blank**

Robot satellites relay important communication and _____ weather patterns.

- trace
- draw
- scribble
- identify

9. **Select the most appropriate choice to fill in the blank**

The quality of the question _____ the quality of the answer.

- determined
- asks
- determines
- mentions

10. **Select the most appropriate choice to fill in the blank**

More people in the middle of the nineteenth century _____ regularly in vigorous physical activity than do so today.

- exercised
- involve
- engaged
- was into

11. **Select the most appropriate choice to fill in the blank**

Male bowerbirds construct _____ decorated nests, or bowers.

- beautiful
- elaborately
- great
- overly done

12. **Select the most appropriate choice to fill in the blank**

"You smell so fine," I replied. "What is it that you put _____?"

- over
- of
- on

- onto

13. **Select the most appropriate choice to fill in the blank**

Every accomplishment only serves to feed your will power and encourages _____ doing things more efficiently and professionally.

- your
- you
- in
- to

14. **Select the most appropriate choice to fill in the blank**

Being first _____ the strategic marketing mantra of Singapore Airlines (SIA).

- had always been
- always been
- is always
- has always been

15. **Select the most appropriate choice to fill in the blank**

A _____ thing in hand is worth more than a great thing in prospect.

- few
- little
- smaller
- fewer

6. Two words - pair of words FIB

1. **Choose the one correct word for each blank that best fits the meaning of the sentences as a whole.**

People of intelligence and achievement can nonetheless be so _____and lacking in _____, that they gamble their reputations by breaking the law to further their own ends.

- Devious….propensity
- Culpable……prosperity
- Obsequious……deference
- Truculent…..independence
- Greedy…..integrity

2. **Choose the one correct word for each blank that best fits the meaning of the sentences as a whole.**

Despite its _____, the book deals _____with a number of crucial issues

- Optimism….cursorily
- Importance …. Needlessly
- Virtues…. Inadequately
- Novelty…. Strangely
- Completeness…. Thoroughly

3. **Choose the one correct word for each blank that best fits the meaning of the sentences as a whole.**

Although frequent air travelers remain unconvinced, researchers have found that, paradoxically, the _____ disorientation inherent in jet lag also may yield some mental health_____

- Temporal …. Benefits
- Acquired …. Hazards
- Somatic… disorders
- Typical…. Standards
- Random… disorders

4. **Choose the one correct word for each blank that best fits the meaning of the sentences as a whole.**

As businesses become aware that their advertising must _____ the everyday concerns of consumers, their commercials will be characterized by a greater degree of _____.

- Allay…. Pessimism
- Address…. Realism
- Evade…. color
- Engage …. Fancy

- Change….. sincerity

5. **Choose the one correct word for each blank that best fits the meaning of the sentences as a whole.**

Nothing _____his irresponsibility better than his _____delay in sending us the items he promised weeks ago.

- Justifies …..conspicuous
- Epitomizes … timely
- Characterizes ….unnecessary
- Reveals …. Conscientious
- Conceals …. inexplicable

7. Critical Reasoning

1. **Studies have shown that companies that present seminars on workplace safety to their employees actually have higher rates of workplace accidents than do companies that do not present such seminars to their employees. Despite this finding, it is still in the best interests of companies and their employees for companies to present these seminars.**

   Which of the following, if true, provides the strongest support for the argument that the companies should continue to present these seminars?

   - Companies that present workplace safety seminars to their employees are likely to be in manufacturing industries or segments of the service sector that present more opportunities for workplace accidents than the average company.
   - A fast-food chain determined that the rate of workplace accidents remained the same at its franchises after all employees had viewed a 30-minute workplace safety video.
   - Workers are ultimately responsible for their own safety, and no amount of workplace education can alter their behavior.
   - A business research institute determined that workplace accidents reduce the productivity of manufacturing businesses by as much as 8 percent per year.
   - Many companies mistakenly believe that presenting workplace safety seminars to their employees relieves the company of legal liability in the event that employees are injured on the job.

2. **For hundreds of years, pearl divers have gathered pearls directly from mollusks on the sea floor. This is an extremely risky profession, exposing the divers to risks of drowning, air embolism, and shark attacks. Still, as long as society demands authentic cultured pearls, these brave divers must continue to risk their lives.**

   Which of the following statements, if true, most seriously weakens the conclusion above?

   - Shark attacks on pearl divers have decreased steadily over the last three decades because of declining shark populations.
   - Cultured pearls are generally considered more beautiful than those made by artificial means.
   - Robotic pearl harvesters can gather pearls faster and at less cost than human divers, although they may disturb aquatic communities.
   - Part of the value of cultured pearls derives from the exotic way in which they are obtained.
   - With the proper equipment and training, a diver employing scuba gear can harvest three times as many pearls per hour as can a free air diver.

Quantitative Aptitude test

1. Work/time, patterns/sequences, venn diagrams/sets, %, age, etc

1. **Which of the following is the value of $\sqrt[3]{\sqrt{0.000064}}$?**

    - 0.004
    - 0.008
    - 0.02
    - 0.04
    - 0.2

2. **Raffle tickets numbered consecutively from 101 through 350 are placed in a box. What is the probability that a ticket selected at random will have a number with a hundreds digit of 2?**

    - 2/5
    - 2/7
    - 33/83
    - 99/250
    - 100/249

3. **A carpenter constructed a rectangular sandbox with a capacity of 10 cubic feet. If the carpenter were to make a similar sandbox twice as long, twice as wide and twice as high as the first sandbox, what would be the capacity, in cubic feet, of the second sandbox?**

    - 20
    - 40
    - 60
    - 80
    - 100

4. **If the area of a square region having sides of length 6 centimeters is equal to the area of a rectangular region having width 2.5 centimeters, then the length of the rectangle, in centimeters, is**

    - 8.5
    - 9.5
    - 9.6
    - 10.5
    - 14.4

5. **Running at the same constant rate, 6 identical machines can produce a total of 270 bottles per minute. At this rate, how many bottles could 10 such machines produce in 4 minutes?**

    - 648
    - 1,800
    - 2,700
    - 10,800
    - 64,800

6. **A rope 40 feet long is cut into two pieces. If one piece is 18 feet longer than the other, what is the length, in feet, of the shorter piece?**

    - 9
    - 11
    - 18
    - 22
    - 29

7. **A student's average (arithmetic mean) test score on 4 tests is 78. What must be the student's score on a 5th test for the student's average score on the 5 tests to be 80?**

    - 80
    - 82

- 84
- 86
- 88

8. If Juan takes 11 seconds to run y yards, how many seconds will it take him to run x yards at the same rate?

- 11x/y
- 11y/x
- x/11y
- 11/xy
- xy/11

9. If n is an integer, which of the following must be even?

- n+1
- n+2
- 2n
- 2n+1
- n²

10. In a horticultural experiment, 200 seeds were planted in plot I and 300 were planted in plot II. If 57 percent of the seeds in plot I germinated and 42 percent of the seeds in plot II germinated, what percent of the total number of planted seeds germinated?

- 45.5%
- 46.5%
- 48.0%
- 49.5%
- 51.0%

11. $\sqrt{80} + \sqrt{125} =$

- $9\sqrt{5}$
- $20\sqrt{5}$
- $41\sqrt{5}$
- $\sqrt{205}$
- 100

12. A part-time employee whose hourly wage was increased by 25 percent decided to reduce the number of hours worked per week so that the employee's total weekly income would remain unchanged. By what percent should the number of hours worked be reduced?

- 12.5%
- 20%
- 25%
- 50%
- 75%

13. Shreya has x rupees more than Binod has, and together they have a total of y rupees. Which of the following represents the number of rupees that Binod has?

- (y – x)/2
- y – (x/2)
- (y/2) – x
- 2y – x
- y – 2x

14. An empty pool being filled with water at a constant rate takes 8 hours to fill 3/5 of its capacity. How much more time will it take to finish filling the pool?
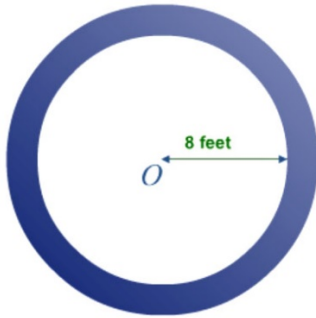
- 5 hr 30 min
- 5 hr 20 min
- 4 hr 48 min
- 3 hr 12 min
- 2 hr 40 min

15. A fruit salad mixture consists of apples, peaches, and grapes in the ratio 6:5:2, respectively, by weight. If 39 pounds of the mixture is prepared, the mixture includes how many more pounds of apples than grapes?

- 15
- 12

- 9
- 6
- 4

16. The figure below shows a circular flower bed, with its centre at O, surrounded by a circular path that is 3 feet wide. What is the area of the path, in square feet?
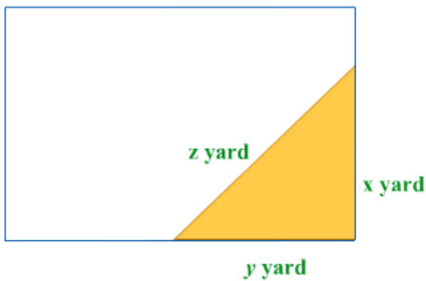

8 feet

O

- 25
- 38
- 55
- 57
- 64

17. A positive number *x* is multiplied by 2, and this product is divided by 3. If the positive square root of the result of these two operations equals *x*, what is the value of x?

- 9/4
- 3/2
- 4/3
- 2/3
- 1/2

18. The shaded portion of the rectangular lot shown below represents a flower bed. If the area of the bed is 24 square yards and x = y +2, then z equals?

z yard

x yard

y yard

- $\sqrt{13}$
- $2\sqrt{13}$
- 6
- 8
- 10

19. Dinesh has d books, which is 3 times as many as Jatin and ½ as many as Pooja. How many books do the three of them have altogether, in terms of d?
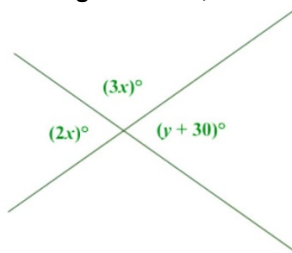
- (5/6)d
- (7/3)d
- (10/3)d
- (7/2)d
- (9/2)d

20. If a square mirror has a 20-inch diagonal, what is the approximate perimeter of the mirror, in inches?

- 40
- 60
- 80
- 100
- 120

21. Machine A produces 100 parts twice as fast as Machine B does. Machine B produces 100 parts in 40 minutes. If each machine produces parts at a constant rate, how many parts does Machine A produce in 6 minutes?

- 30
- 25
- 20
- 15
- 35

22. If 1 kilometer is approximately 0.6 mile, which of the following best approximates the number of kilometers in 2 miles?

- 10/3
- 3
- 6/5
- 1/3
- 3/10

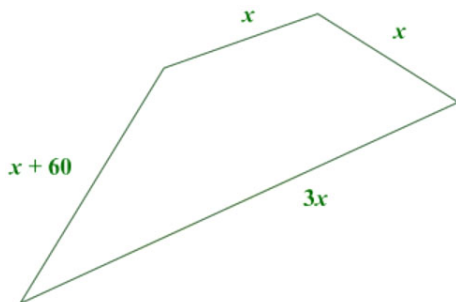23. In the figure below, the value of y is

- 6
- 12
- 24
- 36
- 42

24. $(\sqrt{7} + \sqrt{7})^2 =$

- 98
- 49
- 28
- 21
- 14

25. If 4 is the one solution of the equation $x^2 + 3x + k = 10$, where k is a constant, what is the other solution?

- -7
- -4
- -3
- 1
- 6

26. If the quotient a/b is positive, which of the following must be true?

- $a > 0$
- $b > 0$
- $ab > 0$
- $a - b > 0$
- $a + b > 0$

27. When Anand imported a certain amount, he paid a 7 percent import tax on the portion of the total value of the item in excess of $1,000. If the amount of the import tax that Anand paid was $87.50, what was the total value of the item?

- $1,600
- $1,850
- $2,250
- $2,400
- $2,750

28. **A rainstorm increased the amount of water stored in State J reservoirs from 124 billion gallons to 138 billion gallons. If the storm increased the amount of water in the reservoirs to 82 percent of total capacity, approximately how many billion gallons of water were the reservoirs short of total capacity prior to the storm?**

- 9
- 14
- 25
- 30
- 44

29. **A case contains c cartons. Each carton contains b boxes, and each box contains 100 paper clips. How many paper clips are contained in 2 cases?**

- 100bc
- 100b/c
- 200bc
- 200b/c
- 200/bc

30. **If the sum of 5, 8, 12, and 15 is equal to the sum of 3, 4, x, and x + 3, what is the value of x?**

- 14
- 15
- 16
- 17
- 18

2. Data Sufficiency

1. **The figure shows the number of meters in the lengths of the four sides of a jogging path. What is the total distance around the path?**

   (1) One of the sides of the path is 120 meters long.
   (2) One of the sides of the path is twice as long as each of the two shortest sides.

   - Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
   - Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
   - BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
   - EACH statement ALONE is sufficient.
   - Statements (1) and (2) TOGETHER are NOT sufficient.

2. **The inflation index for the year 1989 relative to the year1970 was 3.56, indicating that, on the average, for each dollar spent in 1970 for goods, $3.56 had to be spent for the same goods in 1989. If the price of a Model K mixer increased precisely according to the inflation index, what was the price of the mixer in 1970?**

   (1) The price of the Model K mixer was $102.40 more in 1989 than in 1970.
   (2) The price of the Model K mixer was $142.40 in 1989.

   - Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
   - Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
   - BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
   - EACH statement ALONE is sufficient.
   - Statements (1) and (2) TOGETHER are NOT sufficient.

3. **The hypotenuse of a right triangle is 10 cm. What is the perimeter, in centimeters, of the triangle?**

   (1) The area of the triangle is 25 square centimeters.
   (2) The two legs of the triangle are of equal length.

   - Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.

- Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
- BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- EACH statement ALONE is sufficient.
- Statements (1) and (2) TOGETHER are NOT sufficient.

4. **A box contains only red chips, white chips and blue chips. If a chip is randomly selected from the box, what is the probability that the chip will be either white or blue?**

   (1) The probability that the chip will be blue is 1/5.
   (2) The probability that the chip will be red is 1/3.

   - Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
   - Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
   - BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
   - EACH statement ALONE is sufficient.
   - Statements (1) and (2) TOGETHER are NOT sufficient.

5. **The product of the units digit, the tens digit, and the hundreds digit of the positive integer m is 96. What is the units digit of *m*?**

   (1) *m* is odd.
   (2) The hundreds digit of m is 8.

   - Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
   - Statement (2) ALONE is sufficient, but statement (1) is not sufficient.
   - BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
   - EACH statement ALONE is sufficient.
   - Statements (1) and (2) TOGETHER are NOT sufficient.

3. Data interpretation /graphs

1. **The following question is based on the information provided in the following table**

   In 1979, for which of the stores was the dollar amount of sales greater than that of any of the others shown?

Store	From 1977 to 1978	From 1978 to 1979
P	+10	-10
Q	-20	+9
R	+5	+12
S	-7	-15
T	+17	-8

   Percent change in dollar amount of sales in certain retail stores from 1977 to 1979

   - P
   - Q
   - R
   - S
   - It cannot be determined from the information given.

2. **The following question is based on the information provided in the following table**

   In store T, the dollar amount of sales for 1978 was approximately what percent of the dollar amount of sales for 1979?

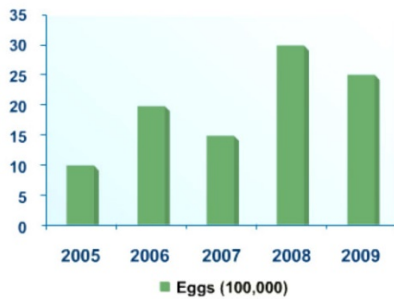 | Store | From 1977 to 1978 | From 1978 to 1979 |
   |-------|-------------------|-------------------|
   | P | +10 | -10 |
   | Q | -20 | +9 |
   | R | +5 | +12 |
   | S | -7 | -15 |
   | T | +17 | -8 |

   Percent change in dollar amount of sales in certain retail stores from 1977 to 1979

   - 86%
   - 92%
   - 109%
   - 122%
   - 117%

3. **Answer the question based on the information provided in the following graph.**

   The graph shows the consumption of eggs (in 100,000 units) from years 2005 to 2009.

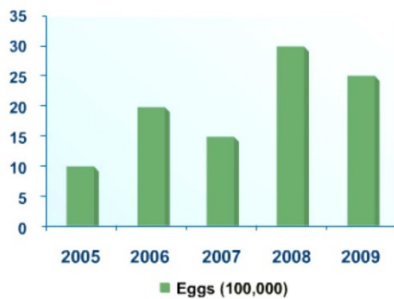The increase in percentage of egg consumption from 2005 to 2006 is:

- 10%
- 40%
- 80%
- 100%
- 120

4. **Answer the question based on the information provided in the following graph.**

The graph shows the consumption of eggs (in 100,000 units) from years 2005 to 2009.

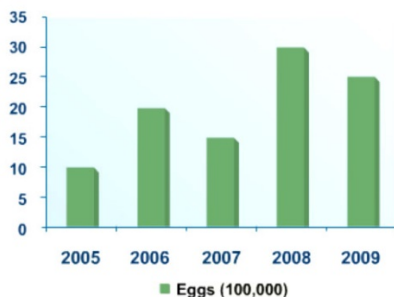The average egg consumption for the years indicated is:

- 15,00,000
- 20,00,000
- 25,00,000
- 30,00,000
- 35,00,000

5. **The graph shows the consumption of eggs (in 100,000 units) from years 2005 to 2009.**

Which of the following is/are true:

I.   The number of years at or above the average exceeds the number of years below the average.

II. The number of years shown that represent an increase over the previous year exceeds the number of years shown that represent a decrease over the previous year.

III. The egg consumption in any two years chosen is equal to or greater than the egg consumption in each of the other three years.

- I only
- II only
- I and II only
- I and III only
- I, II and III

4. Two qty's - which is greater

1. **In this section you will be given two quantities, one for A and one for B. You are to determine the relationship between A and B.**

   $p > 0 > q$

   Quantity A: p + q
   Quantity B: pq

   - A is greater than B
   - B is greater than A
   - Both A and B are equal
   - Relationship cannot be determined from the above

2. **In this section you will be given two quantities, one for A and one for B. You are to determine the relationship between A and B.**

   Quantity A: The average (arithmetic mean) of x and y
   Quantity B: The average (arithmetic mean) of x - 1 and y + 1

   - A is greater than B
   - B is greater than A
   - Both A and B are equal
   - Relationship cannot be determined from the above

3. **In this section you will be given two quantities, one for A and one for B. You are to determine the relationship between A and B.**

   The integer (x - 1) is a prime number between 40 and 50.

   Quantity A: The sum of all different prime factors of x
   Quantity B: 14

   - A is greater than B
   - B is greater than A
   - Both A and B are equal
   - Relationship cannot be determined from the above

4. **In this section you will be given two quantities, one for A and one for B. You are to determine the relationship between A and B.**

   $A < C \; B > D > 0$

   Quantity A: A - B
   Quantity B: C - D

   - A is greater than B
   - B is greater than A
   - Both A and B are equal
   - Relationship cannot be determined from the above

5. **In this section you will be given two quantities, one for A and one for B. You are to determine the relationship between A and B.**

   In a particular jellybean jar, the ratio of the number of red jellybeans to the number of white jellybeans is 3:2. If two red jellybeans were removed, the ratio of red to white jellybeans would be 1:1.

   Quantity A: The number of white jellybeans in the jar
   Quantity B: 4

   - A is greater than B
   - B is greater than A
   - Both A and B are equal
   - Relationship cannot be determined from the above