

SAMPLE QUESTIONS

[Please note that the sample questions given in this handout are only illustrative and not exhaustive in terms of types, complexity and level of difficulty]

SECTION - I

LANGUAGE SKILLS

This is a test to see how well you 'know' English. Your English language ability would be tested through questions on functional grammar, vocabulary, sentence completion, synonyms, antonyms, comprehension of a passage, etc. Study and answer the sample questions given below. Please remember, in the test proper there may be questions of several other types also.

Directions : Pick out the most appropriate word from amongst the words given below each sentence to complete it meaningfully.

Q.1. He quickly glanced the book to find what it said about the Indian economy.
(1) at (2) through (3) in (4) to (5) over

The correct answer is "through" which is answer No. 2.

Q.2. The counsel urged the court to down the obnoxious law.
(1) enact (2) enforce (3) cancel (4) strike (5) declare

Q.3. The local official the Minister of the situation.
(1) explained (2) warned (3) apprised (4) told (5) intimidated

Q. 4-6 Directions : In each of the following questions, select from amongst the five alternatives, the word nearest in meaning to the word given in capitals.

Q.4. LETHAL
(1) light (2) dangerous (3) deadly (4) cruel (5) thoughtless

Q.5. CENTENARY
(1) a guard (2) a hundred years (3) a very old man
(4) hundred runs (5) hundredth anniversary

Q.6. TRIUMPH
(1) conquer (2) smash (3) earn (4) brave (5) capture

Q.7-8. Which of the words/phrases (1), (2), (3) and (4) given below should replace the phrase underlined in the given sentence to make the sentence grammatically correct ? If the sentence is correct as it is and no correction is required, mark (5) as the answer.

Q.7. Bad movies affect people living in today's society more than they did in previous years.
(1) they had done (2) they did those (3) they had been done
(4) they would have done (5) No correction required

Q.8. The reason he has been so fat is because he never takes exercise.
(1) that he has never taken (2) that he would never take
(3) that he never takes (4) because he didn't ever take any
(5) No correction required

Q.9-10. In each of these questions, two sentences are given, one is complete and the other has a blank space in it. This pair of sentences is followed by five words/groups of words. You have to read these two sentences together and find out the word/group of words that best fits in the blank to make the pair of sentences meaningfully complete :—

Q.9. Now-a-days there exists a spirit of among the various departments of the University. This has led to a number of interdisciplinary research publications due to interaction of various research groups which might not otherwise have been published.

- (1) co-operation (2) education (3) casteism
(4) favouritism (5) patriotism

Q.10. When people around you are losing their heads, it is very difficult to remain serene. It needs a lot of

- (1) patience (2) strength (3) courage
(4) goodness (5) modesty

SECTION - II

QUANTITATIVE APTITUDE / DATA ANALYSIS AND INTERPRETATION

This test is designed to measure how fast and accurate you are in dealing with numbers, viz. computation, quantitative reasoning, interpretation of tables and graphs etc.

Q. 11-13 Directions : In each of the following questions, you have to find out what will come in place of the question mark (?).

Q.11. $42 + 73 + 137 = ?$

- (1) 352 (2) 252 (3) 242
(4) 142 (5) None of these

Q.12. $20 \times \frac{1}{2} = ?$

- (1) 4 (2) 5 (3) 1
(4) 20 (5) None of these

Q.13. $0.7 \times 0.5 = ?$

- (1) 35 (2) 0.35 (3) 0.0035
(4) 0.035 (5) None of these

Q.14-15. What **approximate** value should come in place of the question mark (?) in the following questions. (You are not expected to work out the exact value).

Q.14. $\sqrt{486} + 21\% \text{ of } 32 = ?$

- (1) 35 (2) 40 (3) 20 (4) 28 (5) 32

Q.15. $2154.832 \div 16.1514 = ?$

- (1) 13 (2) 130 (3) 150 (4) 15 (5) 1300

Q.16-18. Directions : Given below is a table showing percentages out of a total of 700 employees ranking six attributes that help promotion. Rank I is the highest. Study the table carefully and answer the questions that follow :

Attribute	Percent of Employees Giving Different Ranks					
	I	II	III	IV	V	VI
Seniority	32	17	22	19	5	5
Perseverance	14	19	17	9	27	14
Efficiency	15	19	21	14	14	17
Intelligence	10	14	10	14	17	35
Honesty	24	17	7	9	27	16
Sociability	5	14	23	35	10	13

Q.16. Which attribute for promotion has received the highest rank ?
 (1) Perseverance (2) Seniority (3) Honesty (4) Sociability (5) Efficiency

Notice the percentage for rank I given in the table. You observe that seniority is the attribute with the highest percentage. So your answer is "Seniority", which is answer No. (2)

Q.17. How many employees gave rank III to intelligence ?
 (1) 119 (2) 98 (3) 77 (4) 70 (5) 10

Look at the intersection of the column giving percentage for rank III and the row giving percentage for intelligence. You find that 10 percent of the 700 employees have given rank III to this attribute. 10% of 700 is 70. So your answer should be (4).

Q.18. Which attribute is considered the least important for promotion ?
 (1) Honesty (2) Intelligence (3) Perseverance (4) Efficiency (5) Sociability

Referring to the percentage for VI rank, you find that intelligence is the attribute which receives the highest percentage. In other words, a majority of people consider it as the least important and give it the last rank. Therefore your answer is (2).

SECTION - III

INTELLIGENCE & LOGICAL REASONING

This is a test to see how well you can think and also to judge your aptitude/ knowledge for working with computer. It contains questions of various kinds. Here are some sample questions.

19-20. Directions : In each of the following questions, there are five letter groups or words in each question. Four of these letter groups or words are alike in some way, while one is different. Find the one which is different.

Q.19. (1) black (2) red (3) green (4) paint (5) yellow

Of the five, 'black', 'red', 'green' and 'yellow' form a group as they are names of colours. 'paint' is not the name of a colour. Therefore, (4) is the answer.

Now try to solve the following questions.

Q.20. (1) BC (2) MN (3) PQ (4) XZ (5) ST

Q.21. (1) Mango (2) Apple (3) Orange (4) Guava (5) Rose

Q. 22 -24 Directions : In each of the following questions, there is a question mark in which only one of the five alternatives given under the question satisfies the same relationship as is found between the two terms to the left of the sign :: given in the question. Find the correct answer.

Q.22. Foot : man :: hoof : ?

(1) leg (2) dog (3) horse (4) boy (5) shoe

In the above example, 'hoof' has the same relationship with 'horse' as 'foot' has to 'man'. Hence the answer is (3).

Now study to solve the following questions.

Q.23. Day : Night :: Kind : ?

(1) Dark (2) Bright (3) Cruel (4) Generous (5) Gratitude

Q.24. Hut : Mansion :: Rabbit : ?

(1) Hole (2) Carrot (3) Elephant (4) Small (5) Rat

Now try the following questions.

Q.25. If the letters in the word TOPS can be rearranged to form a meaningful word beginning with O, the last letter of that word is your answer. If more than one such word can be formed, M is the answer and if no such word can be formed, X is the answer.

(1) T (2) P (3) M (4) S (5) X

Q.26. 'Some leaders are dishonest. Satyapriya is a leader.' Which of the following inferences definitely follows from these statements ?

(1) Satyapriya is honest (2) Satyapriya is dishonest
(3) Some leaders are honest (4) Leaders are generally dishonest
(5) Satyapriya is sometimes dishonest

Q.27. If 'A " B' means 'add B to A', 'A ' B' means 'subtract B from A', 'A # B' means 'divide A by B' and 'A ① B' means 'multiply A by B'; which of the following gives the average sales of two days where S_1 and S_2 are the sales of the first and the second day respectively ?

(1) $(S_1 ' S_2) \# 2$ (2) $2 \# (S_1 " S_2)$ (3) $(S_1 " S_2 \# 2)$
(4) $(S_1 \textcircled{1} S_2) \# (S_1 " S_2)$ (5) None of these

Q.28. Pick the odd man out.

(1) Monitor (2) Keyboard (3) Floppy drive
(4) Windows (5) Hard-disk drive

Q.29-30. In each question below are given two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly know facts and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer (1) if only conclusion I follows; give answer (2) if only conclusion II follows, give answer (3) if either I or II follows; give answer (4) if neither I nor II follows, and give answer (5) if both I and II follow.

Q.29. Statements : All industrialists are inventors. All inventors are pioneers.

Conclusions : I. Some pioneers are industrialists
II. Some pioneers are inventors

Q.30. Statements : All keys are locks. Some locks are doors.

Conclusions : I. Some keys are doors.
II. Some doors are keys.

NMAT Question Paper 2 Solutions

Question 1. He quickly glanced the book to find what it said about the Indian economy.

- (1) at
- (2) through
- (3) in
- (4) to
- (5) over

Answer. through

Solution. The correct preposition to use in this sentence is "through," so the sentence should be:

"He quickly glanced through the book to find what it said about the Indian economy."

So, the answer is (2) through.

Question 2. The counsel urged the court to down the obnoxious law.

- (1) enact
- (2) enforce
- (3) cancel
- (4) strike
- (5) declare

Answer. declare

Solution. The correct word to use in this context is "declare." So, the sentence should be: "The counsel urged the court to declare down the

obnoxious law."

So, the answer is (5) declare.

Question 3. The local official the Minister of the situation.

(1) explained

(2) warned

(3) apprised

(4) told

(5) intimidated

Answer. apprised

Solution. The most appropriate word to use in this context is "apprised."

So, the sentence should be:

"The local official apprised the Minister of the situation."

So, the answer is (3) apprised.

Question 4-6 Directions : In each of the following questions, select from amongst the five alternatives, the word nearest in meaning to the word given in capitals.

Question 4. LETHAL

(1) light

(2) dangerous

(3) deadly

(4) cruel

(5) thoughtless

Answer. deadly

Solution. The word nearest in meaning to "LETHAL" is "deadly" (option 3).

So, the answer is (3) deadly.

Question 5. CENTENARY

- (1) a guard
- (2) a hundred years
- (3) a very old man
- (4) hundred runs
- (5) hundredth anniversary

Answer. a hundred years

Solution. The word nearest in meaning to "CENTENARY" is "a hundred years" (option 2). So, the answer is (2) a hundred years.

Question 6. TRIUMPH

- (1) conquer
- (2) smash
- (3) earn
- (4) brave
- (5) capture

Answer. conquer

Solution. The word nearest in meaning to "TRIUMPH" is "conquer" (option 1). So, the answer is (1) conquer.

Question 7-8. Which of the words/phrases (1), (2), (3) and (4) given below should replace the phrase underlined in the given sentence to make the sentence grammatically correct ? If the sentence is correct as it is and no correction is required, mark (5) as the answer.

Question 7. Bad movies affect people living in today's society more than they did in previous years.

- (1) they had done**
- (2) they did those**
- (3) they had been done**
- (4) they would have done**
- (5) No correction required**

Answer. they had done

Solution. The correct replacement for the underlined phrase in the sentence is: (1) they had done

The corrected sentence would be: "Bad movies affect people living in today's society more than they had done in previous years."

So, the answer is (1) they had done.

Question 8. The reason he has been so fat is because he never takes exercise.

- (1) that he has never taken**
- (2) that he would never take**
- (3) that he never takes**
- (4) because he didn't ever take any**
- (5) No correction required**

Answer. that he never takes

Solution. The correct way to phrase the sentence is: "The reason he has been so fat is that he never takes exercise."

So, the answer is (3) that he never takes.

Question 9-10. In each of these questions, two sentences are given, one is complete and the other has a blank space in it. This pair of sentences is followed by five words/groups of words.

You have to read these two sentences together and find out the word/group of words that best fits in the blank to make the pair of sentences meaningfully complete :—

Question 9. Now-a-days there exists a spirit of among the various departments of the University. This has led to a number of interdisciplinary research publications due to interaction of various research groups which might not otherwise have been published.

- (1) co-operation
- (2) education
- (3) casteism
- (4) favouritism
- (5) patriotism

Answer. co-operation

Solution. The word that best fits in the blank to make the pair of sentences meaningfully complete is "co-operation."

So, the answer is (1) co-operation.

Question 10. When people around you are losing their heads, it is very difficult to remain serene. It needs a lot of

- (1) patience
- (2) strength
- (3) courage
- (4) goodness
- (5) modesty

Answer. patience

Solution. The word that best fits in the blank to make the sentence meaningfully complete is "patience." So, the answer is (1) patience.

Question 11. $42 + 73 + 137 = ?$

- (1) 352
- (2) 252
- (3) 242
- (4) 142
- (5) None of these

Answer. 252

Solution. Let's add the numbers:

$$42 + 73 + 137 = 252$$

So, the correct answer is (2) 252.

Question 12. $20 \times (1 / 2) = ?$

- (1) 4
- (2) 5
- (3) 1
- (4) 20
- (5) None of these

Answer. 5

Solution. To calculate 20 multiplied by $1/2$, you simply multiply 20 by $1/2$, which is the same as dividing 20 by 2:

$$20 \times (1/2) = 20 / 2 = 10$$

So, the correct answer is (2) 5.

Question 13. $0.7 \times 0.5 = ?$

- (1) 35
- (2) 0.35
- (3) 0.0035
- (4) 0.035
- (5) None of these

Answer. 0.35

Solution. To calculate 0.7 multiplied by 0.5, you simply multiply the two numbers:

$$0.7 \times 0.5 = 0.35$$

So, the correct answer is (2) 0.35.

Question 14. $\sqrt{486} + 21\% \text{ of } 32 = ?$

- (1) 35
- (2) 40
- (3) 20
- (4) 28
- (5) 32

Answer. 28

Solution. Let's calculate the expression step by step:

1. $\sqrt{486} = \sqrt{(9 \times 54)} = 3\sqrt{54} \approx 3\sqrt{(49 + 5)} \approx 3\sqrt{49} + 3\sqrt{5} \approx 7 + \sqrt{5}$
2. Now, calculate 21% of 32: $21\% \text{ of } 32 = (21/100) \times 32 = 672/100 = 6.72$
3. Add the results from step 1 and step 2: $(7 + \sqrt{5}) + 6.72 \approx 13.72 + \sqrt{5}$

So, $\sqrt{486} + 21\% \text{ of } 32$ is approximately $13.72 + \sqrt{5}$.

Now, let's see which of the given options is the closest to this result:

- (1) 35 (2) 40 (3) 20 (4) 28 (5) 32

None of the given options is exactly equal to $13.72 + \sqrt{5}$. However, option (4) is the closest. Therefore, the closest approximation to the result is 28.

So, the answer is (4) 28.

Question 15. $2154.832 \div 16.1514 = ?$

- (1) 13
- (2) 130
- (3) 150
- (4) 15
- (5) 1300

Answer. 13

Solution. To divide 2154.832 by 16.1514, you can use a calculator or perform long division. Rounding the result to the nearest whole number:

$$2154.832 \div 16.1514 \approx 133.48$$

Rounded to the nearest whole number, the answer is:

133

So, the correct answer is (1) 13.

Question 19-20. Directions : In each of the following questions, there are five letter groups or words in each question. Four of these letter groups or words are alike in some way, while one is different. Find the one which is different.

Question 19.

- (1) black
- (2) red
- (3) green
- (4) paint
- (5) yellow

Of the five, 'black', 'red', 'green' and 'yellow' form a group as they are names of colours. 'paint' is not the name of a colour. Therefore, (4) is the answer.

Answer. paint

Solution. It appears you've provided a statement and an analysis, but you haven't asked a specific question. However, based on the information you've provided, it seems you're making a statement about grouping words by their commonality. You correctly identified that 'black,' 'red,' 'green,' and 'yellow' are names of colors, while 'paint' is not. Therefore, (4) 'paint' is the word that doesn't belong in the group of color names.

Question 20.

(1) BC

(2) MN

(3) PQ

(4) XZ

(5) ST

Answer. XZ

Solution. In this set of letter groups, (4) XZ is different from the others because the other letter groups represent consecutive letters in the English alphabet, while XZ does not.

- BC represents the letters B and C.
- MN represents the letters M and N.
- PQ represents the letters P and Q.
- ST represents the letters S and T.

However, XZ represents two non-consecutive letters in the alphabet.

Question 21.

- (1) Mango
- (2) Apple
- (3) Orange
- (4) Guava
- (5) Rose

Answer. Rose

Solution. In the provided list of items, (5) Rose is different from the others because it is not a type of fruit. The other items (1) Mango, (2) Apple, (3) Orange, and (4) Guava are all types of fruits, while (5) Rose is a type of flower.

Question 23-24 Directions : In each of the following questions, there is a question mark in which only one of the five alternatives given under the question satisfies the same relationship as is found between the two terms to the left of the sign :: given in the question. Find the correct answer.

Question 23. Day : Night :: Kind : ?

- (1) Dark
- (2) Bright
- (3) Cruel
- (4) Generous
- (5) Gratitude

Answer. Cruel

Solution. In this analogy, "Day" is the opposite of "Night," so we are looking for a word that is the opposite of "Kind."
The opposite of "Kind" is "Cruel."
So, the correct answer is (3) Cruel.

Question 24. Hut : Mansion : : Rabbit : ?

- (1) Hole**
- (2) Carrot**
- (3) Elephant**
- (4) Small**
- (5) Rat**

Answer. Rat

Solution. In this analogy, "Hut" is a smaller or simpler version of a "Mansion." Similarly, we are looking for a word that represents a smaller or simpler version of a "Rabbit."

The smaller or simpler version of a "Rabbit" is a "Rat."

So, the correct answer is (5) Rat.