

MANAV RACHNA NATIONAL APTITUDE TEST

NON ENGINEERING PROGRAMS

For all Non-Engineering Programs there will be total 75 multiple choice questions comprising of 10 questions of English, 10 questions Logical Reasoning, 10 questions of General Awareness, 15 questions Quantitative aptitude, 30 Miscellaneous questions in the MR-NAT Exam Paper. The student shall be required to solve and answer in 90 minutes. Sample questions for each section are given below:

Section A English

Q1. In the following question, choose the word which best expresses the meaning of the given word "BRIEF".

- a. Limited
- b. Small
- c. Little
- d. Short

Q2. Following 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. PAIN:SEDATIVE

- a. comfort: stimulant
- b. grief: consolation
- c. trance: narcotic
- d. ache: extraction

Q3. Choose the correct meaning of the Idiom, "To keep one's temper"

- a. To become hungry
- b. To be in good mood
- c. To preserve one's energy
- d. To be aloof from
- e. None of these

Q4. In the following question choose the word which is the exact opposite of "ENORMOUS"

- a. Soft
- b. Average
- c. Tiny
- d. Weak

Q5. Choose the synonym of "ABANDON"

- a. Try
- b. Join
- c. Keep with

d. Forsake

Q6. Pick out the most effective word from the given words to fill in the blank to make the sentence meaningful.

“Fate smiles those who untiringly grapple with stark realities of life.”

- a. With
- b. Over
- c. On
- d. Round

Q7. In the following questions there is one word in which the suffix is wrong. Choose that word:

- a. Felicitation
- b. Fluctuation
- c. Fascination
- d. Permission

Q8. In the following words there is one word in which the prefix is wrong. Choose that word:

- a. Discooperative
- b. Dissatisfaction
- c. Disobey
- d. Dishonour

Q9. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.

She said that her brother was getting married.

- a. She said, "Her brother is getting married."
- b. She told, "Her brother is getting married."
- c. She said, "My brother is getting married."
- d. She said, "My brother was getting married."

Q10. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative.

Either he or I am going.

- a. he or I are going
- b. he is going or I am
- c. I or he is going
- d. No improvement

Section B Logical Reasoning

Q1. In a chess tournament each of six players will play every other player exactly once. How many matches will be played during the tournament?

- a. 12
- b. 15
- c. 30
- d. 36

Q2. Aruna cut a cake into two halves and cuts one half into smaller pieces of equal size. Each of the small pieces is twenty grams in weight. If she has seven pieces of the cake in all with her, how heavy was the original cake?

- a. 220 gm
- b. 230 gm
- c. 240 gm
- d. 250 gm

Q3. Three of the words will be in the same classification, the remaining one will not be. Choose the odd one out.

- a. Parsley
- b. basil
- c. dill
- d. mayonnaise

Q4. Complete the series SCD, TEF, UGH, _____, WKL

- a. CMN
- b. UJI
- c. VIJ
- d. IJT

Q5. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P?

- a. A
- b. X
- c. S
- d. Z

Q6. Find the number of triangles in the given figure.



- a. 8

- b. 10
- c. 12
- d. 14

Q7. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

- a. Brother
- b. Uncle
- c. Cousin
- d. Father





Q8. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words. MONK : DEVOTION

- a. maniac : pacifism
- b. explorer : contentment
- c. visionary : complacency
- d. rover : wanderlust

Q9. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

- a. 1/3
- b. 1/8
- c. 2/8
- d. 1/16

Q10. Which of the following diagrams indicates the best relationship between Travelers, Train and Bus?

- a. 
- b. 
- c. 
- d. 

Section C General Awareness

Q.1 In which state is Shanti Niketan located?

- a. Maharashtra
- b. West Bengal
- c. Karnataka
- d. Tamil Nadu

Q.2 Tirupati is located in which state?

- a. Tamil Nadu
- b. Karnataka
- c. Andhra Pradesh
- d. Telangana

Q.3 Who is the current Home Minister of India?

- a. Arun Jaitley
- b. Rajnath Singh
- c. Sushma Swaraj
- d. Smriti Irani

Q.4 Which team won the one-day Cricket World Cup held in the year 2015?

- a. New Zealand
- b. Australia
- c. West Indies
- d. India

Q.5 Which among the following is capital of Mizoram?

- a. Imphal
- b. Dispur
- c. Aizwal
- d. Shillong

Q.6 The centenary of Mahatma Gandhi's arrival in South Africa was celebrated in

- a. May-93
- b. Aug-93
- c. Jul-93
- d. Sep-93

Q.7 The National Song of India was composed by

- a. Rabindranath Tagore
- b. Bankim Chandra Chatterji
- c. Iqbal
- d. Jai Shankar Prasad

Q.8 Milkha Singh Stood _____ in 1960 Olympics, in Athletics.

- a. fourth in 400m final

- b. second in 400m final
- c. eighth in 50km walk
- d. seventh in 800m final

Q.9 Jaspal Rana is associated with which of the following games?

- a. Swimming
- b. Archery
- c. Shooting
- d. Weightlifting

Q.10 Kathak, Nauntanki, Jhora and Kajri are the important dances of

- a. Uttaranchal
- b. Uttar Pradesh
- c. Jharkhand
- d. Chhattisgarh

Section D Quantitative Aptitude

1. Reena is twice as old as Sunita. Three years ago, she was three times as old as Sunita. How old is Reena now?
 - a. 6 Years
 - b. 12 Years
 - c. 14 Years
 - d. 16 Years

2. A shepherd had 27 sheep. All but 10 died. How many is he left with?
 - a.10
 - b.15
 - c.17
 - d.27

3. A group of 1200 persons consisting of captains and soldiers is travelling in a train. For every 15 soldiers there is one captain. The number of captains in the group is?
 - a.70
 - b.75
 - c.80
 - d.85

4. Find the word that names a necessary part of the underlined word (????). Look at this series: 70, 71, 76, __, 81, 86, 70, 91, What number should fill the blank?
- a. 70
 - b. 71
 - c. 80
 - d. 96
5. A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?
- a. 3.6
 - b. 7.2
 - c. 8.4
 - d. 10
6. Find the odd number out. 3, 5, 11, 14, 17, 21
- a. 21
 - b. 17
 - c. 14
 - d. 03
7. Which of the following is a prime number?
- a. 33
 - b. 81
 - c. 93
 - d. 97
8. A sum fetched a total simple interest of Rs. 4016.25 at the rate of 9 % p.a. in 5 years. What is the sum?
- a. Rs. 4462.50
 - b. Rs. 8032.50
 - c. Rs. 8900
 - d. Rs. 8925
9. A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?
- a. 45
 - b. 60
 - c. 75
 - d. 90
10. Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is:
- a. 9
 - b. 11

- c.13
- d.15

11. Find out the wrong number in the series, 196, 169, 144, 121, 100, 80, 64

- a.169
- b.144
- c.100
- d.80

12. There are 200 questions on a 3 hr examination. Among these questions are 50 mathematics problems. It is suggested that twice as much time be spent on each mathematics problem compared to each other question. How many minutes should be spent on mathematics problems?

- a. 36
- b. 72
- c. 60
- d. 100

13. A number of friends decided to go on a picnic and planned to spend Rs. 96 on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 4 each extra. The number of those who attended the picnic was

- a.8
- b.12
- c.16
- d.24

14. I have a few sweets to be distributed. If I keep 2, 3 or 4 in a pack, I am left with one sweet. If I keep 5 in a pack, I am left with none. What is the minimum number of sweets I have to pack and distribute?

- a. 25
- b. 37
- c. 54
- d. 65

15. In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden. The length of the garden is

- a. 20
- b. 22
- c. 24
- d. 26

Section E Miscellaneous

Q1. In the question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

When he

P : did not know

Q : he was nervous and

R : heard the hue and cry at midnight

S : what to do

The Proper sequence should be:

- a. RQPS
- b. QSPR
- c. SQPR
- d. PQRS

Q2. Which of the following cities is known as Electronic City of India ?

- a. Mumbai
- b. Hyderabad
- c. Bangalore
- d. Gurgaon

Q3. Ashok Pandit is known for his outstanding performance in which of the following ?

- a. Swimming
- b. Wrestling
- c. Shooting
- d. Kabaddi

Q4. Find the correctly spelt word.

- a. EFFICIENT
- b. TREATMEANT
- c. BETERMENT
- d. EMPLOYD

Q5. In the question below the sentences have been given in Direct/Indirect speech. From the given alternatives,

choose the one which best expresses the given sentence in Indirect/Direct speech.

"If you don't keep quiet I shall shoot you", he said to her in a calm voice.

- a. He warned her to shoot if she didn't keep quiet calmly.
- b. He said calmly that I shall shoot you if you don't be quiet.
- c. He warned her calmly that he would shoot her if she didn't keep quiet.

- d. Calmly he warned her that be quiet or else he will have to shoot her.

Q 6.Rearrange the following five sentences in proper sequence so as to for a meaningful paragraph, then answer the questions given below them.

1. After Examining him, the doctor smiled at him mischievously and took out a syringe.
2. Thinking that he was really sick, his father summoned the family doctor.
3. That day, Mintu wanted to take a day off from school
4. Immediately, Mintu jumped up from his bed and swore the he was fine
5. Therefor; he pretended to be sick and remained in bed.

Which sentence should come third in the paragraph?

- a. 1
- b. 2
- c. 3
- d. 4

Q 7. The perimeter of a square is 48cm. The area of rectangle is 4cm^2 less than the area of the square. If length of the rectangle is 14cm, then its perimeter is

- a. 24 cm
- b. 48 cm
- c. 50 cm
- d. 54 cm

Q 8. In the following questions choose the word which is the exact opposite of “COMMISSIONED”

- a. Started
- b. Closed
- c. Finished
- d. Terminated

Q 9. Wal-Mart in India is associated with

- a. Big Bazaar
- b. Spencer's Retail
- c. Easy Day Stores
- d. Spur Retail

Q 10.Find out the alternative which will replace the question mark.

CUP : LIP :: BIRD : ?

- A. BUSH
- B.GRASS
- C.FOREST

D.BEAK

Q 11. 'Ophthalmia' is related to 'Eye' in the same way as 'Rickets' is related to:

- A Kidney.
- B.Nose
- C.Bone
- D.Heart

Q 12. Arrange the words given below in a meaningful sequence.

1. Index 2. Contents 3. Title 4. Chapters 5. Introduction
- A. 2, 3, 4, 5, 1
 - B. 3, 2, 5, 1, 4
 - C.3, 2, 5, 4, 1
 - D. 5, 1, 4, 2, 3

Q 13. Join these parts to make a meaningful sentence. The correct order of parts is the answer. 1. was

2. And 3. Suresh 4. kind 5. loving

- A. 31425
- B. 54213
- C. 34251
- D. 15243

Q 14. National Defence Academy is situated at

- A. Khadakvasla
- B. New Delhi
- C. Wellington
- D. Dehradun

Q 15. ICICI is the name of a

- A. chemical industry
- B.bureau
- C. corporation
- D. financial institution

Q 16. The largest Indian State by area is

- A. Rajasthan
- B. Maharashtra
- C. Uttar Pradesh
- D.Madhya Pradesh

Q 17. Garampani sanctuary is located at

- A. Junagarh, Gujara
- B. Diphu, Assam
- C. Kohima, Nagaland

D. Gangtok, Sikkim

Q 18. In which decade did the first transatlantic radio broadcast occur?

- A. 1850s
- B. 1860s
- C. 1870s
- D. 1900s

Q 19. Wadia Institute of Himalayan Geology is located at

- A. Delhi
- B. Shimla
- C. Dehradun
- D. Kulu

Q 20. January 15 is celebrated as the

- A. Republic Day
- B. Ugadhi
- C. Teachers' Day
- D. Army Day

Q 21. Kemal Ataturk was

- A. the first President of Independent Kenya
- B. the founder of modern Turkey
- C. revolutionary leader of Soviet Union
- D. None of the above

Q 22. A university has 50% students from Haryana, out of these 20% are Faridabad students. Find the total percentage of Faridabad students

- A. 0.2
- B. 0.1
- C. 0.08
- D. 0.05

Q 23. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

- A. 120 metres
- B. 180 metres
- C. 324 metres
- D. 150 metres

Q 24. The sum of first five prime numbers is:

- A. 11
- B. 18
- C. 26
- D. 28

Q 25. At the end of a business conference the ten people present all shake hands with each other once. How many handshakes will there be altogether ?

- A. 20
- B. 30
- C. 45
- D. 90

Q 26. Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is:

- A. 9
- B. 11
- C. 13
- D. 15

Q 27. A number of friends decided to go on a picnic and planned to spend Rs. 96 on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 4 each extra. The number of those who attended the picnic was

- a. 8
- b. 12
- c. 16
- d. 24

Q 28. Which among the following is capital of "Assam"?

- A. Imphal
- B. Dispur
- C. Aizwal
- D. Shillong

Q 29. Which among the following in Capital of Chattisgarh?

- A. Raipur
- B. Bhopal
- C. Ranchi
- D. Dhanbad

Q 30. In which state is Bokaro Steel Plant?

A. Chattisgarh

B. Madhya Pradesh

C. Jharkhand

D. Orissa