

Navrachana University
Entrance Test – NUVET 2023
Sample Questions

Note: In the Final Entrance Test, there would be 25 Questions in each section (Total 100 Questions).

The ones below are only a representative sample for understanding the question types.

Section-I: Numerical Ability

1. The capacity of bucket B is anywhere between 100L and 150L. This bucket can be completely filled with buckets of capacity 3L or 4L or 5L such that exactly one litre of capacity is left out for bucket B. If all the given conditions are accepted, what is the value of B?

- a) 120 L b) 119 L c) 121 L d) 149 L

2. Chintu bought some chairs from wholesale market, he sold them to Bunty the retailer at a profit of 15%. Bunty took these chairs in his truck to Gurgaon spending Rs. 2000 on transportation, and sold them to shopkeeper Shanga at a loss of 8%. Sanga the clever shopkeeper convinced an old customer Ravi, to buy these chairs for Rs. 57,477 making an overall profit of 5%. Next month Chintu bought the similar chairs at 20% discount via online purchase. Find the average cost price for Chintu for two months.

- a) Rs 50,000 b) Rs. 45,000 c) Rs. 44,000 d) Rs. 40,000

3. The price of petrol has been increased by 2%. By what percent the new price must be reduced to get the original?

- a) 2 % b) 1.96 % c) 2.04 % d) Cannot be determined

4. A Tab is on sale for Rs. 3000 or Rs. 600 down payment followed by 4 monthly equal instalments to be paid at the end of each month. If the rate of interest is 12%p.a. SI, calculate the instalment.

- a) Rs. 590 b) Rs. 600 c) Rs. 610 d) Rs. 615

5. If $X=2Y=3Z$ and $4Z=5A=6B$, then find the value of $23Y : 15B$.

- a) 20 : 69 b) 69 : 20 c) 23 : 5 d) 5 : 23

Section-II: English Language Ability

Reading Comprehension:

The hope cherished immediately after the Second World War, that one world would now emerge out of it, had receded. Instead, there arose two politico-military blocs at seemingly irreconcilable enmity with each other, headed by the USA and the USSR. The great danger was that these two blocs might clash, dragging the rest of the world into a nuclear war and total destruction.

There are some critics who think that Nehru's concern for world peace was exaggerated. But they did not realize how close mankind was to a world war in the fifties on more than one occasion. For instance, in 1950, during the Korean War, when Gen. MacArthur unauthorizedly crossed the 38th parallel into North Korea and carried the war right up to the Chinese frontier, and China intervened and started mowing down American troops, there was a cry in the USA for pre-emptive use of the atom bomb against China. Then prodded by Nehru, the British Prime Minister Clement Atlee flew to the USA to dissuade President Truman from taking any such disastrous steps.

It might be argued that it would have been a good thing if China had been taught a lesson before it had developed the atom bomb. But at that time, China and the USSR were bound by a fraternal alliance and if China became the victim of an atomic attack, it would have meant the Third World War and the destruction of civilization.

Apart from his concern for world peace, there were doubtless other factors which impelled Nehru to adopt a policy of non-alignment. Geographically India was too big, and historically too great, to be the hanger-on of any other state, however powerful. Economically it would have been foolish on the part of India, which had in view a gigantic policy of national reconstruction, to put all its eggs in one basket. Philosophically India had from time immemorial extended its tolerance to rival sects, rival creeds and rival religions. 'There was no cold war,' said Nehru, 'in Asoka's heart.' Our policy of non-alignment was a factor that contributed to the alleviation of tensions between the rival blocs and the gradual demise of the cold war. It is matter for satisfaction that one great power, at any rate, the USSR has, for the last so many years, understood, appreciated and even underwritten our policy of non-alignment.

6. In the statement, 'it would have meant the Third World War and the destruction of civilization', what does the word 'it' imply?

- a) The atomic attack on China
- b) The China-USSR bond
- c) The USSR's plunging into the war
- d) China's attack on the US troops

7. What made China intervene in the Korean War?

- a) America's invasion of Korea
- b) The arrival of American troops at the Chinese border
- c) Gen. MacArthur's unauthorized participation in the war
- d) The USA's threat of using the atom bomb against China

8. Which of the following sentences is true in the context of the passage?

- a) Adopting a non-alignment policy by India was consistent with its historical heritage.
- b) The geographical extent did not contribute to the non-alignment policy.
- c) There was no cold war during Asoka's reign.
- d) India's adoption of the policy of non-alignment was foolish economically

9. Choose the option that is opposite in meaning to the word 'Placate'.

- a) Pacify
- b) Agitate
- c) Mollify
- d) Soothe

10. Read the short passages and select the right option for the question related to passage.

For RMA, breaking into the New York and New Jersey market meant advertising that its success rates were not just high but believable, verified by an independent auditing firm.

One may infer from the passage that:

- a) RMA falsely claimed to have a high success rate.
- b) RMA is an advertising firm.
- c) The New York and New Jersey markets set high standards of acceptance.
- d) Independent auditing firms are the only ones who can endorse the actuality of a success

11. Find this misspelt word.

- a) Luminous
- b) Abhorrent
- c) Vibrasion
- d) Wretched

12. The given sentence has a highlighted idiom. Choose the explanation from the given options that is closest in meaning to the highlighted idiom. 'In this book, the reader is always sent back to square one, which mars his interest.'

- a) back to one's childhood b) back to one's native place
c) back to the beginning d) back to the basics of a subject

13. Choose the option that is similar in meaning to the word 'Loathe'.

- a) Love b) Detest c) Recognize d) Praise

Section-III: Quantitative Aptitude

14. In a row of students Devika was 19th from left. She exchanged her place with a girl who was 6th to her right. After she exchanges positions, she found that she was now 19th from the right. How many students were there in the row?

- a) 44 b) 45
c) 47 d) 43

15. A, B, C and D are four distinct integers. A is 20% more than B. C is 25% less than D. B is 33.33% more than C. Find by what percent D is more than C?

- a) 25% b) 20%
c) 33.33% d) 16.66%

16. In a certain code language, if 'SACHIN' is coded as 'TYFDNH', then in the same code language, 'SAURAV' will be coded as:

- a) TYXNSP b) TYSNXP
c) TYSXFP d) TYXNF

Find the pair which relates with the given pair.

17. Paris : Seine

- a) Budapest : Danube b) Berlin : Avon
c) Baghdad : Amsel d) Bonn : Tigris

18. Pound Sterling : United Kingdom

- a) Euro : Greece b) Yen : China
c) Yuan : Japan d) Rand : France

Section-IV: General Knowledge

19. The national currency of Russia is _____
- a) Euro
 - b) Ruble
 - c) Pound
 - d) Rand
20. Who was the runner-up in FIFA 2022?
- a) Brazil
 - b) Argentina
 - c) France
 - d) England
21. Which of the following river is the largest river in the world?
- a) Nile
 - b) Amazon
 - c) Congo
 - d) Indus
22. Which metal is used to galvanize iron?
- a) Zinc
 - b) Copper
 - c) Silver
 - d) Tin
23. Which of the following is the primary component of natural gas?
- a) Ethane
 - b) Propane
 - c) Methane
 - d) Butane

Solutions:

1. c) 2. b) 3. b) 4. d) 5. b) 6. a) 7. b) 8. a) 9. b) 10. c) 11. c) 12. c)
13. b) 14. d) 15. c) 16. d) 17. a) 18. a) 19. b) 20. c) 21. b) 22. a) 23. c)