

LPUNEST Question Paper 2026

1. 1.0×10^{-4} M HCl is diluted 10 times. The pH of the final solution is:

- (A) between 3 and 4
 - (B) between 4 and 5
 - (C) between 6 and 7
 - (D) equal to 7
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2. 10^{-6} M NaOH is diluted 100 times. The pH of the diluted base is:

- (A) between 7 and 8
 - (B) between 5 and 6
 - (C) between 6 and 7
 - (D) between 10 and 11
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3. The pH of a solution with $[\text{H}^+] = 3.2 \times 10^{-3}$ M is closest to:

- (A) 2.5
 - (B) 3.0
 - (C) 3.5
 - (D) 4.0
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4. The pH of pure water at 25°C is:

- (A) 0
 - (B) 5
 - (C) 7
 - (D) 14
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5. Which of the following solutions is the most acidic?

- (A) pH = 6
 - (B) pH = 4
 - (C) pH = 9
 - (D) pH = 7
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6. Choose the correct synonym of the word "Abundant".

- (A) Scarce

- (B) Plentiful
 - (C) Rare
 - (D) Limited
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7. Choose the correct antonym of the word "Expand".

- (A) Increase
 - (B) Enlarge
 - (C) Spread
 - (D) Contract
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8. Identify the correctly spelled word.

- (A) Accomodation
 - (B) Acommodation
 - (C) Accommodation
 - (D) Accomadation
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9. Choose the correct option to fill in the blank: She is good ... mathematics.

- (A) in
 - (B) on
 - (C) at
 - (D) with
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10. Choose the correct passive voice of the sentence: "The teacher explained the lesson."

- (A) The lesson explains the teacher.
 - (B) The lesson was explained by the teacher.
 - (C) The teacher was explained by the lesson.
 - (D) The lesson is explained by the teacher.
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11. If the average of 5 numbers is 18, what is their total sum?

- (A) 72
- (B) 85
- (C) 90
- (D) 95

12. A train travels 120 km in 2 hours. What is its speed?

- (A) 40 km/h
- (B) 50 km/h
- (C) 60 km/h
- (D) 80 km/h

13. If the cost price of an article is 500 and it is sold at a profit of 10%, what is the selling price?

- (A) 525
- (B) 540
- (C) 550
- (D) 600

14. What is the simple interest on 2000 at 5% per annum for 2 years?

- (A) 100
- (B) 150
- (C) 200
- (D) 250

15. If 3 pens cost 45, what is the cost of 10 pens?

- (A) 100
 - (B) 120
 - (C) 150
 - (D) 180
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