

# HAL Reasoning Placement Papers

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1. **Find the odd one out:**

- A. Apple
- B. Banana
- C. Cherry
- D. Carrot

Options:

- A. Apple
- B. Banana
- C. Cherry
- D. Carrot

**Answer:** D. Carrot

2. **If all roses are flowers and some flowers fade quickly, then which of the following is true?**

- A. Some roses fade quickly
- B. All roses fade quickly
- C. Some roses do not fade quickly
- D. No roses fade quickly

Options:

- A. Some roses fade quickly
- B. All roses fade quickly
- C. Some roses do not fade quickly
- D. No roses fade quickly

**Answer:** A. Some roses fade quickly

3. **Which number comes next in the series: 2, 6, 12, 20, ?**

- A. 24
- B. 30
- C. 36
- D. 42

Options:

- A. 24
- B. 30
- C. 36
- D. 42

**Answer:** B. 30

4. **Which of the following is the smallest number?**

- A. 0.25
- B. 0.5

- C. 0.75
- D. 1

Options:

- A. 0.25
- B. 0.5
- C. 0.75
- D. 1

**Answer:** A. 0.25

5. **If in a certain code, "BAT" is written as "123", "CAT" is written as "234", how is "MAT" written?**
- A. 345
  - B. 123
  - C. 456
  - D. 789

Options:

- A. 345
- B. 123
- C. 456
- D. 789

**Answer:** A. 345

6. **Which of the following is the opposite of 'Increase'?**
- A. Decrease
  - B. Amplify
  - C. Enhance
  - D. Expand

Options:

- A. Decrease
- B. Amplify
- C. Enhance
- D. Expand

**Answer:** A. Decrease

7. **If 'JUMP' is coded as 'KNPQ', how is 'RIDE' coded?**
- A. SHFG
  - B. SGFE
  - C. SFHG
  - D. TIDE

Options:

- A. SHFG
- B. SGFE
- C. SFHG
- D. TIDE

**Answer:** A. SHFG

8. **Find the missing number: 9, 16, 25, 36, ?**

- A. 46
- B. 49
- C. 64
- D. 81

Options:

- A. 46
- B. 49
- C. 64
- D. 81

**Answer:** B. 49

9. **Which number should replace the question mark: 7, 13, 19, 25, ?**

- A. 27
- B. 31
- C. 35
- D. 41

Options:

- A. 27
- B. 31
- C. 35
- D. 41

**Answer:** B. 31

10. **If the first two statements are true, is the final statement true?**

All dogs are animals.  
Some animals are cats.  
Some dogs are cats.

Options:

- A. True
- B. False
- C. Cannot be determined
- D. None of the above

**Answer:** C. Cannot be determined

11. **What is the next letter in the series: A, C, E, G, ?**

- A. H
- B. I
- C. J
- D. K

Options:

- A. H

- B. I
- C. J
- D. K

**Answer:** A. H

12. **Which figure logically follows the given pattern?**  
(Pattern of geometric shapes to be shown in the test with options)

- Options:
- A. Figure 1
  - B. Figure 2
  - C. Figure 3
  - D. Figure 4

**Answer:** A. Figure 1

13. **How many triangles are there in the given figure?**  
(The figure will be provided in the test)

- Options:
- A. 8
  - B. 10
  - C. 12
  - D. 14

**Answer:** B. 10

14. **Which word does not belong with the others?**

- A. Apple
- B. Banana
- C. Orange
- D. Carrot

- Options:
- A. Apple
  - B. Banana
  - C. Orange
  - D. Carrot

**Answer:** D. Carrot

15. **Which number is the odd one out?**

- A. 4
- B. 8
- C. 15
- D. 16

- Options:
- A. 4
  - B. 8

- C. 15
- D. 16

**Answer:** C. 15

**16. What comes next in the series: 3, 6, 9, 12, ?**

- A. 13
- B. 14
- C. 15
- D. 16

Options:

- A. 13
- B. 14
- C. 15
- D. 16

**Answer:** C. 15

**17. Which of the following is the synonym of 'Vigorous'?**

- A. Weak
- B. Strong
- C. Lazy
- D. Faint

Options:

- A. Weak
- B. Strong
- C. Lazy
- D. Faint

**Answer:** B. Strong

**18. If '12' is coded as '34', '23' as '56', then how is '45' coded?**

- A. 78
- B. 79
- C. 89
- D. 90

Options:

- A. 78
- B. 79
- C. 89
- D. 90

**Answer:** A. 78

**19. Which of the following is the opposite of 'Vast'?**

- A. Small
- B. Large

- C. Wide
- D. Tiny

Options:

- A. Small
- B. Large
- C. Wide
- D. Tiny

**Answer:** A. Small

20. **Which number completes the sequence: 1, 4, 9, 16, 25, ?**

- A. 30
- B. 36
- C. 40
- D. 45

Options:

- A. 30
- B. 36
- C. 40
- D. 45

**Answer:** B. 36