

**JAWAHAR NAVODAYA VIDYALAYA**

Selection Test (JNVST) · Class 6 Entrance

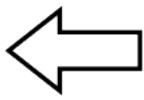
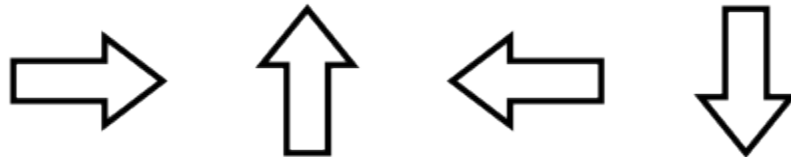
Practice Set 07

Session 2026–27

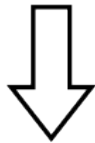
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Time: 2 Hours**Questions:** 80**Max. Marks:** 100**Name:** _____**Roll No.:** _____**Date:** _____

General Instructions: 1. There are three sections — Mental Ability (40), Arithmetic (20) and Language (20); all questions are compulsory. 2. Each question carries equal marks and there is no negative marking. 3. Every question has four options (A)-(D); choose the one best answer and mark it on the OMR sheet provided. 4. Use of a calculator is not allowed. The OMR sheet and Answer Key are at the end of the booklet.

SECTION I — Mental Ability Test (40)*Study each figure carefully and choose the correct option.***1. Which figure completes the series?**

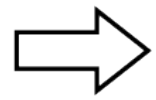
(A)



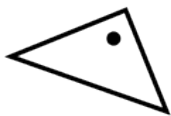
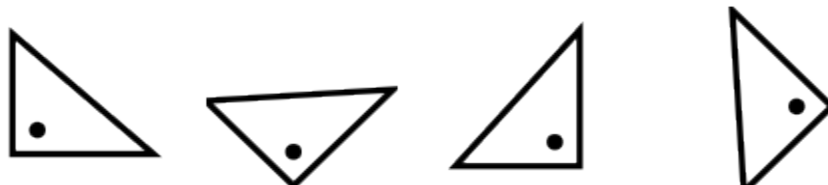
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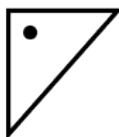
(C)



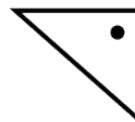
(D)

2. Which figure completes the series?

(A)



(B)

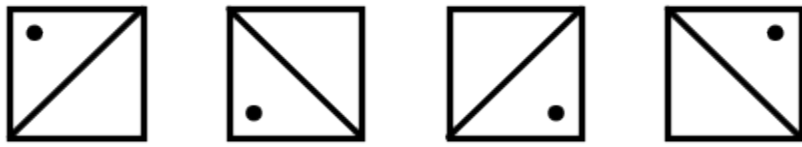


(C)

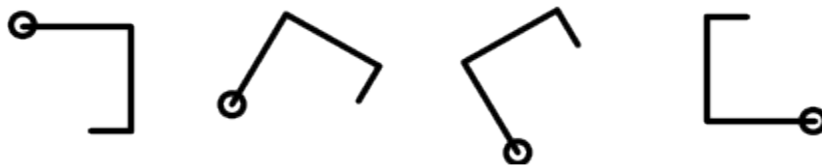


(D)

3. Which figure completes the series?



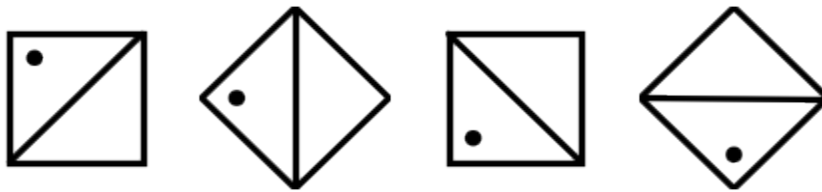
4. Which figure completes the series?



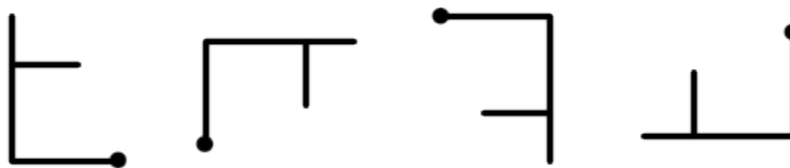
5. Which figure completes the series?



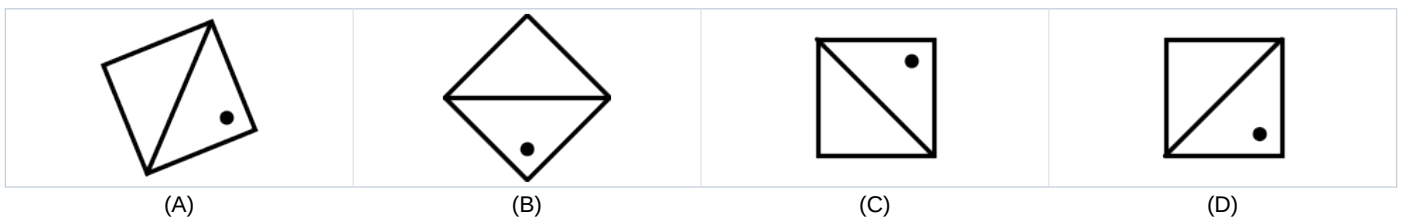
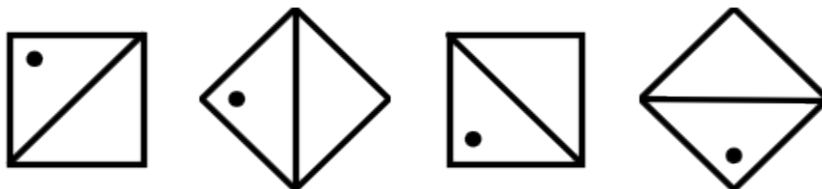
6. Which figure completes the series?



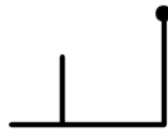
7. Which figure completes the series?



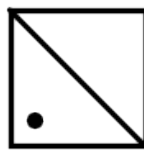
8. Which figure completes the series?



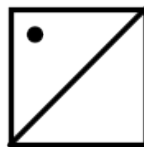
9. Choose the correct mirror image (mirror on the right).



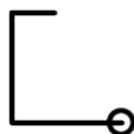
10. Choose the correct mirror image (mirror on the right).



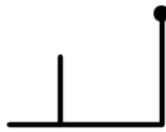
11. Choose the correct mirror image (mirror on the right).



12. Choose the correct mirror image (mirror on the right).



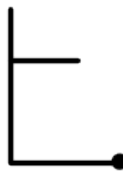
13. Choose the correct mirror image (mirror on the right).



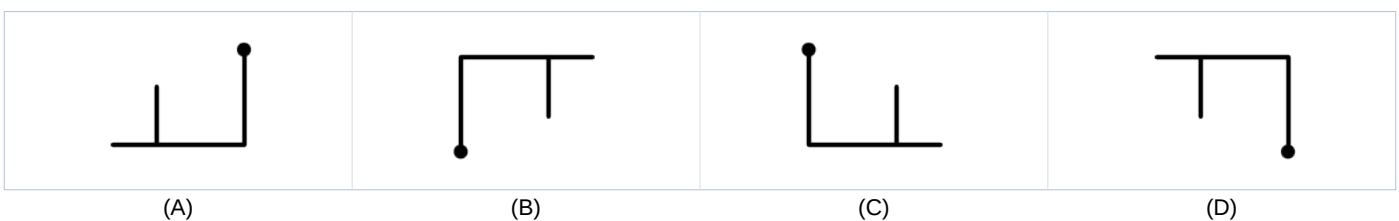
14. Choose the correct mirror image (mirror on the right).



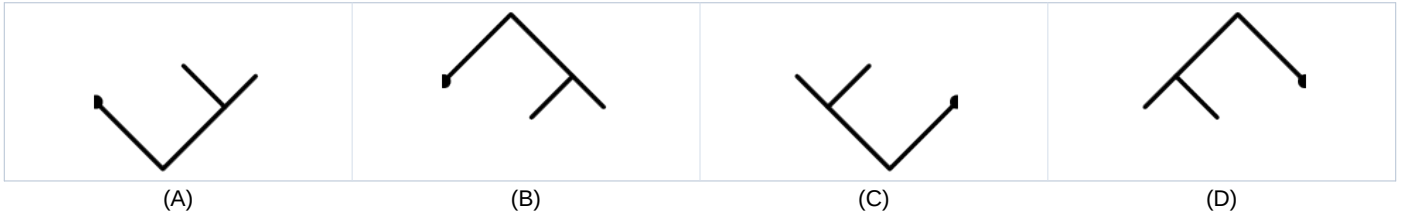
15. Choose the correct mirror image (mirror on the right).



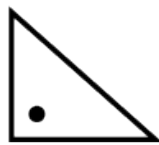
16. Choose the correct water image (water surface below).



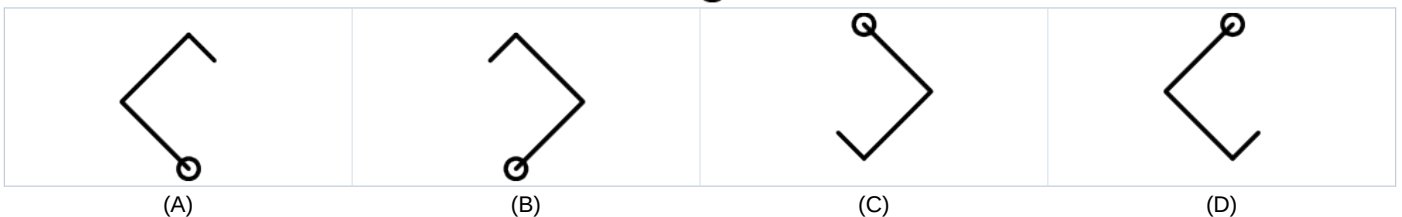
17. Choose the correct water image (water surface below).



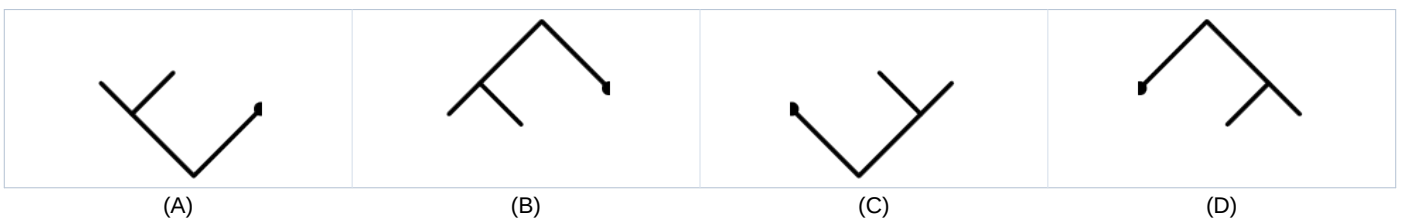
18. Choose the correct water image (water surface below).



19. Choose the correct water image (water surface below).



20. Choose the correct water image (water surface below).



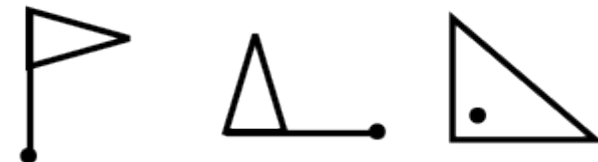
21. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



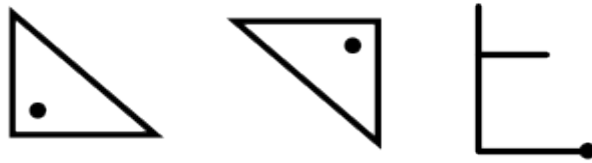
22. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



23. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



24. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



25. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



26. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



27. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



28. First pair: figure 1 changes to figure 2. Apply the same change to figure 3 and choose the answer.



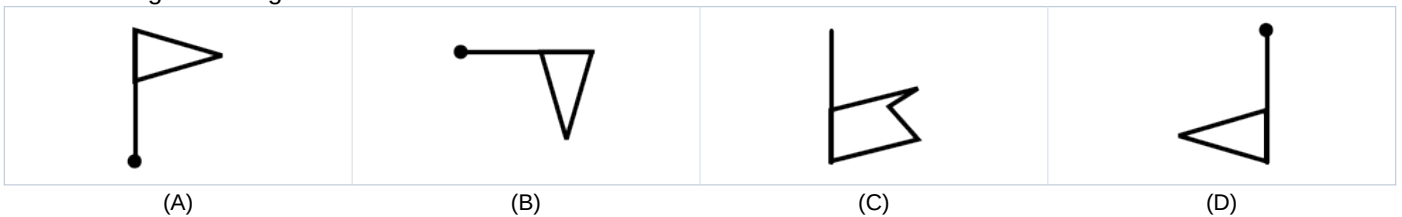
29. Four figures are given. Find the one that is different from the other three.



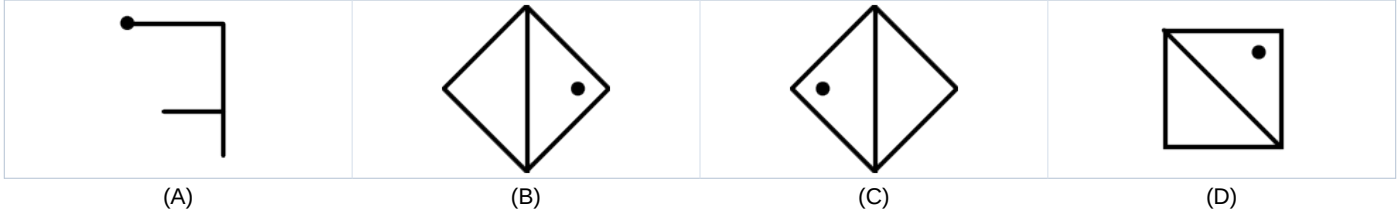
30. Four figures are given. Find the one that is different from the other three.



31. Four figures are given. Find the one that is different from the other three.



32. Four figures are given. Find the one that is different from the other three.



33. Four figures are given. Find the one that is different from the other three.



34. Four figures are given. Find the one that is different from the other three.



35. Four figures are given. Find the one that is different from the other three.

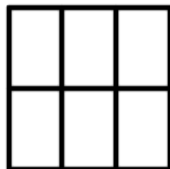


36. How many triangles are there in the figure?



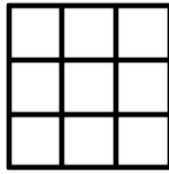
- | | |
|-------|-------|
| (A) 3 | (B) 4 |
| (C) 1 | (D) 2 |

37. How many rectangles (including the biggest one) are there in the figure?



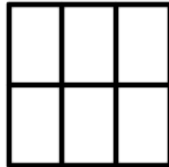
- | | |
|--------|--------|
| (A) 19 | (B) 18 |
| (C) 17 | (D) 16 |

38. How many squares are there in the figure?



- (A) 13 (B) 14
(C) 12 (D) 16

39. How many rectangles (including the biggest one) are there in the figure?



- (A) 19 (B) 17
(C) 18 (D) 16

40. How many triangles are there in the figure?



- (A) 4 (B) 3
(C) 2 (D) 1

SECTION II — Arithmetic Test (20)

Solve each problem and choose the correct option. Calculators are not allowed.

41. 3 bells ring at intervals of 8, 12, 16 seconds respectively. If they all ring together at 12:00:00 noon, at what time will they next ring together?

- (A) 12:00:54 p.m. (B) 12:00:44 p.m.
(C) 12:01:48 p.m. (D) 12:00:48 p.m.

42. A club has 90 members. Two-thirds of them are males and the rest are females. Except 11 females, all the other members are married. How many married females are there in the club?

- (A) 19 (B) 21
(C) 17 (D) 20

43. A 120 m long train is running at 54 km/h. How long will it take to cross a platform 180 m long?

- (A) 25 seconds (B) 28 seconds
(C) 15 seconds (D) 20 seconds

44. A 200 m long train takes 20 seconds to cross a platform of the same length as the train. What is the speed of the train?

- (A) 18 m/s (B) 22 m/s
(C) 20 m/s (D) 25 m/s

45. Raj and Prem start from the same point and travel in opposite directions at 5 km/h and 4 km/h respectively. How far apart will they be after 3 hours?

- (A) 1 km1 km1 km (B) 29 km
(C) 27 km (D) 33 km



46. Find the greatest number that divides 3430 and 10037 leaving remainders 1 and 4 respectively.
- (A) 137 (B) 127
(C) 129 (D) 123
47. In an examination, Rohan obtained 18 marks more than Suresh. Gaurav obtained 12 marks less than Suresh. If the total marks obtained by them is 126, how many marks did Rohan obtain?
- (A) 68 (B) 59
(C) 63 (D) 58
48. How many distinct prime factors does 1155 have?
- (A) 3 (B) 6
(C) 5 (D) 4
49. Simplify: $(18\frac{1}{2} - 15\frac{1}{2}) \div (\frac{3}{4} \text{ of } \frac{2}{3}) + 2 = ?$
- (A) $7\frac{3}{4}$ (B) 9
(C) 8 (D) $8\frac{1}{3}$
50. Arrange in ascending order: $\frac{5}{6}, \frac{2}{3}, \frac{1}{3}$
- (A) $\frac{5}{6}, \frac{1}{3}, \frac{2}{3}$ (B) $\frac{5}{6}, \frac{2}{3}, \frac{1}{3}$
(C) $\frac{1}{3}, \frac{2}{3}, \frac{5}{6}$ (D) $\frac{1}{3}, \frac{5}{6}, \frac{2}{3}$
51. The sum of 5.6, 0.73 and 2.134 is:
- (A) 8.454 (B) 8.564
(C) 8.464 (D) 8.484
52. 569451 rounded to the nearest thousand is:
- (A) 569100 (B) 568000
(C) 569000 (D) 570000
53. Find the difference between the original number and the new number, if the digits at the ten-thousands and hundreds places of 61442 are interchanged.
- (A) 19796 (B) 19800
(C) 19795 (D) 19798
54. 176°F expressed on the Celsius scale is:
- (A) 83.7°C (B) 81.0°C
(C) 80°C (D) 78.0°C
55. What is the sum of all the prime numbers between 20 and 32?
- (A) 83 (B) 87
(C) 85 (D) 73
56. A student obtained an average of 65% in 4 subjects. If he scored 85%, 76% and 56% in three subjects, what did he score in the fourth subject?
- (A) 48% (B) 43%
(C) 45% (D) 39%
57. 1 minute 48 seconds is what percent of 1 hour?
- (A) 3% (B) 5%
(C) 4% (D) 2%
58. A trader buys 5 tables at Rs 250 each and 6 chairs at Rs 225 each. He sells all these items at a flat rate of Rs 300 each. Find his overall profit or loss.
- (A) Rs 700 profit (B) Rs 700 loss
(C) Rs 750 profit (D) Rs 820 profit
59. The perimeter of a square is 212 m. What is its area?
- (A) 2889 m^2 (B) 2858 m^2
(C) 2809 m^2 (D) 2764 m^2



60. A pictograph shows apples sold over four days. Each symbol = 40 apples. The number of symbols for Monday, Tuesday, Wednesday, Thursday are 3, 4, 3 and 5 respectively. How many apples were sold in all four days?

- (A) 601 (B) 600
(C) 598 (D) 602

SECTION III — Language Test (20)

There are four passages. Read each passage and answer the five questions that follow.

Passage 1. A greedy dog once stole a piece of meat and ran off to eat it alone. As he crossed a narrow bridge, he looked down and saw his own reflection in the water. Thinking it was another dog with a bigger piece, he barked to snatch it. The moment he opened his mouth, his own meat fell into the river and was lost. His greed left him with nothing at all.

61. What did the dog steal?

- (A) A fish (B) A bone
(C) A loaf of bread (D) A piece of meat

62. What did he see in the water?

- (A) Another river (B) His own reflection
(C) A piece of gold (D) A real dog

63. Why did he lose his meat?

- (A) He dropped it by mistake (B) A dog snatched it
(C) He gave it away (D) He opened his mouth to bark

64. What is the ANTONYM of 'greedy'?

- (A) Foolish (B) Generous
(C) Hungry (D) Selfish

65. The story teaches us not to be:

- (A) Brave (B) Careful
(C) Greedy (D) Kind

Passage 2. Mahatma Gandhi, born in 1869, led India's freedom movement through the path of truth and non-violence. He urged people to fight injustice without weapons, using peaceful protest and self-reliance instead. Simple in dress and habits, he won the respect of millions and is fondly called the Father of the Nation. His ideas of peace still guide people around the world.

66. Gandhi led the freedom movement through:

- (A) Truth and non-violence (B) Trade
(C) War and weapons (D) Poetry

67. He is fondly called the:

- (A) First President (B) Father of the Nation
(C) Great Warrior (D) King of India

68. How did he want people to fight injustice?

- (A) With guns (B) By paying money
(C) By running away (D) Through peaceful protest

69. What is the ANTONYM of 'peace'?

- (A) Calm (B) War
(C) Quiet (D) Rest

70. What is the SYNONYM of 'urged'?

- (A) Stopped (B) Ignored
(C) Encouraged (D) Forced



Passage 3. The Konark Sun Temple in Odisha is dedicated to the Sun god, Surya. Built in the thirteenth century by King Narasimhadeva I, it is designed like a giant stone chariot with twelve pairs of carved wheels drawn by stone horses. Its walls are covered with beautiful sculptures. Declared a World Heritage Site in 1984, it draws tourists and pilgrims from all over the world and stands as a marvel of Indian temple architecture.

- 71.** The Konark temple is dedicated to:
- (A) Vayu (B) Surya, the Sun god
(C) Agni (D) Indra
- 72.** The temple is designed in the shape of a:
- (A) Stone chariot (B) Tall tower
(C) Sailing boat (D) Round dome
- 73.** In which year was it declared a World Heritage Site?
- (A) 1994 (B) 1964
(C) 1974 (D) 1984
- 74.** What is the SYNONYM of 'marvel'?
- (A) Ruin (B) Ordinary
(C) Wonder (D) Copy
- 75.** What is the ANTONYM of 'beautiful'?
- (A) Lovely (B) Fine
(C) Ugly (D) Grand

Passage 4. Pollution is a serious threat to our environment, caused by the careless actions of people. Smoke from vehicles and factories dirties the air, waste thrown into rivers spoils the water, and heaps of plastic harm the soil. Polluted surroundings make people and animals fall ill. If we plant more trees, waste less, and keep our surroundings clean, we can protect the earth for the years to come.

- 76.** What causes pollution, according to the passage?
- (A) Heavy rain (B) The careless actions of people
(C) The Sun (D) Tall trees
- 77.** What dirties the air?
- (A) Fresh wind (B) Smoke from vehicles and factories
(C) Clean water (D) Green plants
- 78.** How can we protect the earth?
- (A) Plant trees and keep surroundings clean (B) Use more plastic
(C) Cut more trees (D) Throw more waste
- 79.** What is the ANTONYM of 'careless'?
- (A) Careful (B) Reckless
(C) Rough (D) Lazy
- 80.** What is the SYNONYM of 'protect'?
- (A) Waste (B) Guard
(C) Spoil (D) Harm

**OMR ANSWER SHEET — Set 07**

Name : _____ Roll No. : _____ Darken one circle per question using a blue/black pen.

1 (A) (B) (C) (D)	21 (A) (B) (C) (D)	41 (A) (B) (C) (D)	61 (A) (B) (C) (D)
2 (A) (B) (C) (D)	22 (A) (B) (C) (D)	42 (A) (B) (C) (D)	62 (A) (B) (C) (D)
3 (A) (B) (C) (D)	23 (A) (B) (C) (D)	43 (A) (B) (C) (D)	63 (A) (B) (C) (D)
4 (A) (B) (C) (D)	24 (A) (B) (C) (D)	44 (A) (B) (C) (D)	64 (A) (B) (C) (D)
5 (A) (B) (C) (D)	25 (A) (B) (C) (D)	45 (A) (B) (C) (D)	65 (A) (B) (C) (D)
6 (A) (B) (C) (D)	26 (A) (B) (C) (D)	46 (A) (B) (C) (D)	66 (A) (B) (C) (D)
7 (A) (B) (C) (D)	27 (A) (B) (C) (D)	47 (A) (B) (C) (D)	67 (A) (B) (C) (D)
8 (A) (B) (C) (D)	28 (A) (B) (C) (D)	48 (A) (B) (C) (D)	68 (A) (B) (C) (D)
9 (A) (B) (C) (D)	29 (A) (B) (C) (D)	49 (A) (B) (C) (D)	69 (A) (B) (C) (D)
10 (A) (B) (C) (D)	30 (A) (B) (C) (D)	50 (A) (B) (C) (D)	70 (A) (B) (C) (D)
11 (A) (B) (C) (D)	31 (A) (B) (C) (D)	51 (A) (B) (C) (D)	71 (A) (B) (C) (D)
12 (A) (B) (C) (D)	32 (A) (B) (C) (D)	52 (A) (B) (C) (D)	72 (A) (B) (C) (D)
13 (A) (B) (C) (D)	33 (A) (B) (C) (D)	53 (A) (B) (C) (D)	73 (A) (B) (C) (D)
14 (A) (B) (C) (D)	34 (A) (B) (C) (D)	54 (A) (B) (C) (D)	74 (A) (B) (C) (D)
15 (A) (B) (C) (D)	35 (A) (B) (C) (D)	55 (A) (B) (C) (D)	75 (A) (B) (C) (D)
16 (A) (B) (C) (D)	36 (A) (B) (C) (D)	56 (A) (B) (C) (D)	76 (A) (B) (C) (D)
17 (A) (B) (C) (D)	37 (A) (B) (C) (D)	57 (A) (B) (C) (D)	77 (A) (B) (C) (D)
18 (A) (B) (C) (D)	38 (A) (B) (C) (D)	58 (A) (B) (C) (D)	78 (A) (B) (C) (D)
19 (A) (B) (C) (D)	39 (A) (B) (C) (D)	59 (A) (B) (C) (D)	79 (A) (B) (C) (D)
20 (A) (B) (C) (D)	40 (A) (B) (C) (D)	60 (A) (B) (C) (D)	80 (A) (B) (C) (D)

**ANSWER KEY — Set 07****Mental Ability (1–40)**

1. D	2. C	3. C	4. C	5. A	6. A	7. B	8. D	9. D	10. D
11. D	12. B	13. D	14. D	15. C	16. D	17. D	18. A	19. D	20. B
21. B	22. C	23. B	24. D	25. D	26. D	27. A	28. D	29. B	30. D
31. C	32. A	33. C	34. C	35. B	36. A	37. B	38. B	39. C	40. B

Arithmetic (41–60)

41. D	42. A	43. D	44. C	45. C	46. B	47. D	48. D	49. C	50. C
51. C	52. C	53. B	54. C	55. A	56. B	57. A	58. A	59. C	60. B

Language (61–80)

61. D	62. B	63. D	64. B	65. C	66. A	67. B	68. D	69. B	70. C
71. B	72. A	73. D	74. C	75. C	76. B	77. B	78. A	79. A	80. B