DBJET PRACTICE QUESTION BANK

MODULE 02 | LOGICAL & ANALYTICAL REASONING

CRITICAL THINKING AND PROBLEM-SOLVING

50 MULTIPLE-CHOICE QUESTIONS • ANSWER KEY AND EASY EXPLANATIONS INCLUDED

DBJET EXAMINATION – CANDIDATE INSTRUCTIONS

Before starting: Ensure you have a stable internet connection, use an updated browser, keep your examination details ready and sit in a quiet place. Read the on-screen instructions carefully.

During the examination: Read each question carefully, select the most appropriate option and manage your time. Do not refresh or close the examination window. Do not use unauthorised assistance or share questions and answers.

After completing: Review your answers if permitted, submit before the time expires and wait for the submission confirmation. Follow the platform instructions to access your scorecard or report.

Important notice: This question bank is for practice and familiarisation. These questions are illustrative and are not actual or previously administered DBJET examination questions. Your DBJET score should be considered alongside qualifications, experience, skills and interview performance.

TOPICS COVERED

Logical Sequences • Number Series • Blood Relations • Direction Sense • Coding & Decoding • Classification • Analytical Puzzles • Statement & Conclusion • Pattern Recognition

Preparation approach: Attempt all 50 questions first. Check the answer key only after completing the question section, then read the explanations to understand the reasoning.

PART A – PRACTICE QUESTIONS

Questions 1 to 50 | Choose one correct option for each question.

1. Find the next number: 2, 4, 6, 8, __.
A. 9 **B.** 10 **C.** 11 **D.** 12

2. Find the next number: 5, 10, 15, 20, __.
A. 22 **B.** 24 **C.** 25 **D.** 30

3. Find the missing number: 3, 6, 12, 24, __.
A. 30 **B.** 36 **C.** 42 **D.** 48

4. Which number is different?
A. 4 **B.** 9 **C.** 16 **D.** 20

5. Find the next letter: A, C, E, G, __.
A. H **B.** I **C.** J **D.** K

6. Find the next number: 1, 4, 9, 16, __.
A. 20 **B.** 24 **C.** 25 **D.** 36

7. Find the missing number: 10, 20, 30, __, 50.
A. 35 **B.** 40 **C.** 45 **D.** 60

8. Find the next number: 2, 5, 8, 11, __.
A. 12 **B.** 13 **C.** 14 **D.** 15

9. Ravi is the brother of Sita. Sita is the mother of Aman. How is Ravi related to Aman?
A. Father **B.** Uncle **C.** Brother **D.** Grandfather

10. Meena is the daughter of Raj. How is Raj related to Meena?
A. Father **B.** Brother **C.** Uncle **D.** Son

11. A is the mother of B. B is the brother of C. How is A related to C?
A. Aunt **B.** Sister **C.** Mother **D.** Grandmother

12. P is the father of Q. Q is the mother of R. How is P related to R?
A. Uncle **B.** Grandfather **C.** Brother **D.** Father

13. Neha is the sister of Mohan. Mohan is the father of Tina. How is Neha related to Tina?
A. Mother **B.** Aunt **C.** Sister **D.** Grandmother

14. A person walks 5 metres north and then 5 metres south. Where is the person from the starting point?
A. 5 m north **B.** 5 m south **C.** At the starting point **D.** 10 m north

15. Ravi faces east. He turns left. Which direction is he facing?
A. North **B.** South **C.** West **D.** East

16. A girl faces north. She turns right. Which direction is she facing?
A. West **B.** East **C.** South **D.** North

17. A man walks 4 km east and then 3 km west. How far is he from the starting point?
A. 1 km east **B.** 1 km west **C.** 7 km east **D.** 7 km west

18. You are facing south. You turn left. Which direction are you facing?
A. East **B.** West **C.** North **D.** South

19. If CAT is coded as DBU (each letter moves one step forward), how is DOG coded?
A. EPH **B.** CNG **C.** FPI **D.** EOG

20. If PEN is coded as QFO, how is MAP coded using the same rule?
A. NBQ **B.** LZO **C.** NBR **D.** MBQ

21. If SUN is coded as TVO, how is MOON coded?
A. NPPO **B.** NPPM **C.** LNNM **D.** OPPQ

22. If A=1, B=2, C=3 and so on, what is the value of BAD?
A. 6 **B.** 7 **C.** 8 **D.** 9

23. If BOOK is coded as CPPL (each letter moves one step forward), how is FISH coded?
A. GJTI **B.** EHRG **C.** GISH **D.** GJSH

24. Which one is different?
A. Apple **B.** Mango **C.** Carrot **D.** Banana

25. Choose the odd one out.
A. Circle **B.** Square **C.** Triangle **D.** Table

26. Which one does not belong?
A. Dog **B.** Cat **C.** Cow **D.** Rose

27. Which is different?
A. January **B.** March **C.** Sunday **D.** June

28. Choose the odd one out.
A. 2 **B.** 3 **C.** 5 **D.** 9

29. Four people stand in a line. A is before B. B is before C. Who is last among A, B and C?
A. A **B.** B **C.** C **D.** Cannot say

30. Rina, Tina and Mina sit in a row. Rina sits to the left of Tina. Mina sits to the right of Tina. Who sits in the middle?
A. Rina **B.** Tina **C.** Mina **D.** Cannot say

31. A is taller than B. C is taller than A. Who is tallest?
A. A **B.** B **C.** C **D.** Cannot say

32. File P is older than Q. Q is older than R. Which file is newer: P or R?
A. P **B.** R **C.** Both same **D.** Cannot say

33. Aman is ahead of Bina in a queue. Bina is ahead of Charu. Who is at the front?
A. Aman **B.** Bina **C.** Charu **D.** Cannot say

34. All roses are flowers. Which statement must be true?
A. All flowers are roses **B.** All roses are flowers **C.** No rose is a flower **D.** All flowers are red

35. All employees have identity cards. Ravi is an employee. What can we conclude?
A. Ravi has an identity card **B.** Ravi is a manager **C.** Ravi has no identity card **D.** All cardholders are employees

36. Some books are expensive. Which conclusion is definitely correct?
A. All books are expensive **B.** No book is expensive **C.** At least one book is expensive **D.** All expensive things are books

37. All buses are vehicles. All vehicles need roads to travel. What follows?
A. All buses need roads to travel **B.** All roads are buses **C.** No bus needs a road **D.** Only buses use roads

38. No fish is a bird. A goldfish is a fish. What can we conclude?
A. A goldfish is a bird **B.** A goldfish is not a bird **C.** All birds are fish **D.** Cannot say

39. All managers are employees. Some employees work remotely. Which statement is definitely true?
A. All managers work remotely **B.** Some managers work remotely **C.** All managers are employees **D.** No employee is a manager

40. Find the missing letter: B, D, F, H, __.
A. I **B.** J **C.** K **D.** L

41. Which symbol comes next? ★ ■ ★ ■ ★ __.
A. ★ **B.** ■ **C.** ■ **D.** ■

42. Find the next number: 100, 90, 80, 70, __.
A. 50 **B.** 55 **C.** 60 **D.** 65

43. Which pair has the same relationship as Hand : Glove?
A. Foot : Shoe **B.** Head : Hair **C.** Eye : Nose **D.** Book : Page

44. Which pair has the same relationship as Bird : Nest?
A. Dog : Kennel **B.** Fish : Water **C.** Cow : Grass **D.** Horse : Road

45. If today is Monday, what day will it be after 3 days?
A. Tuesday **B.** Wednesday **C.** Thursday **D.** Friday

46. A clock shows 3:00. What is the angle between the hour hand and minute hand?
A. 45° **B.** 60° **C.** 90° **D.** 180°

47. Complete the pattern: 2, 4, 8; 3, 6, 12; 4, 8, __.
A. 12 **B.** 14 **C.** 16 **D.** 18

48. A is to the left of B. B is to the left of C. Who is on the right end?
A. A **B.** B **C.** C **D.** Cannot say

49. Which number is the odd one out?
A. 11 **B.** 13 **C.** 17 **D.** 21

50. Complete the pattern: AZ, BY, CX, __.
A. DW **B.** DV **C.** EX **D.** EW

PART B – ANSWER KEY

Correct answers for all 50 questions.

Q. No.	Correct answer	Q. No.	Correct answer
1	B – 10	26	D – Rose
2	C – 25	27	C – Sunday
3	D – 48	28	D – 9
4	D – 20	29	C – C
5	B – I	30	B – Tina
6	C – 25	31	C – C
7	B – 40	32	B – R
8	C – 14	33	A – Aman
9	B – Uncle	34	B – All roses are flowers
10	A – Father	35	A – Ravi has an identity card
11	C – Mother	36	C – At least one book is expensive
12	B – Grandfather	37	A – All buses need roads to travel
13	B – Aunt	38	B – A goldfish is not a bird
14	C – At the starting point	39	C – All managers are employees
15	A – North	40	B – J
16	B – East	41	B – ■
17	A – 1 km east	42	C – 60
18	A – East	43	A – Foot : Shoe
19	A – EPH	44	A – Dog : Kennel
20	A – NBQ	45	C – Thursday
21	A – NPPO	46	C – 90°
22	B – 7	47	C – 16
23	A – GJTI	48	C – C
24	C – Carrot	49	D – 21
25	D – Table	50	A – DW

PART C – ANSWERS WITH EASY EXPLANATIONS

Explanations 1 to 25

1. Answer: B – 10
Each number increases by 2. So 8 + 2 = 10.

2. Answer: C – 25
Add 5 each time. 20 + 5 = 25.

3. Answer: D – 48
Each number is doubled. 24 × 2 = 48.

4. Answer: D – 20
4, 9 and 16 are square numbers. 20 is not a square number.

5. Answer: B – I
One letter is skipped each time. The next letter is I.

6. Answer: C – 25
These are 1^2, 2^2, 3^2 and 4^2. The next is $5^2 = 25$.

7. Answer: B – 40
Add 10 each time. The missing number is 40.

8. Answer: C – 14
Add 3 each time. 11 + 3 = 14.

9. Answer: B – Uncle
Ravi is the brother of Aman's mother, so Ravi is Aman's uncle.

10. Answer: A – Father
Meena is Raj's daughter. Raj is her father.

11. Answer: C – Mother
B and C are siblings. A is B's mother, so A is also C's mother.

12. Answer: B – Grandfather
P is the father of R's mother, so P is R's grandfather.

13. Answer: B – Aunt
Neha is the sister of Tina's father, so Neha is Tina's aunt.

14. Answer: C – At the starting point
The person walks back the same distance and returns to the starting point.

15. Answer: A – North
A left turn from east points north.

16. Answer: B – East
A right turn from north points east.

17. Answer: A – 1 km east
3 km west cancels 3 of the 4 km east. He is 1 km east of the start.

18. Answer: A – East
A left turn from south points east.

19. Answer: A – EPH
D→E, O→P and G→H. DOG becomes EPH.

20. Answer: A – NBQ
Move each letter one step forward: M→N, A→B, P→Q. MAP becomes NBQ.

21. Answer: A – NPPO
Move each letter one step forward. MOON becomes NPPO.

22. Answer: B – 7
B=2, A=1 and D=4. Total = 2+1+4 = 7.

23. Answer: A – GJTI
F→G, I→J, S→T and H→I. FISH becomes GJTI.

24. Answer: C – Carrot
Apple, mango and banana are fruits. Carrot is a vegetable.

25. Answer: D – Table

The first three are geometric shapes. A table is an object.

PART C – ANSWERS WITH EASY EXPLANATIONS

Explanations 26 to 50

26. Answer: D – Rose
Dog, cat and cow are animals. Rose is a flower.

27. Answer: C – Sunday
January, March and June are months. Sunday is a weekday name.

28. Answer: D – 9
2, 3 and 5 are prime numbers. 9 is divisible by 3.

29. Answer: C – C
The order is A, B, C. C is last among them.

30. Answer: B – Tina
The order is Rina – Tina – Mina. Tina is in the middle.

31. Answer: C – C
C is taller than A, and A is taller than B. So C is tallest.

32. Answer: B – R
P is older than Q, and Q is older than R. Therefore R is newer than P.

33. Answer: A – Aman
Aman is ahead of both Bina and Charu, so Aman is at the front.

34. Answer: B – All roses are flowers
This is exactly what the statement says: every rose is a flower.

35. Answer: A – Ravi has an identity card
Every employee has an identity card. Ravi is an employee, so he has one.

36. Answer: C – At least one book is expensive
'Some' means at least one. Therefore at least one book is expensive.

37. Answer: A – All buses need roads to travel
Buses are vehicles, and all vehicles need roads. Therefore buses need roads.

38. Answer: B – A goldfish is not a bird
No fish is a bird. Since a goldfish is a fish, it is not a bird.

39. Answer: C – All managers are employees
The first statement directly tells us that all managers are employees. We cannot conclude that managers work remotely.

40. Answer: B – J
Skip one letter each time: B, D, F, H, J.

41. Answer: B – ■
The star and circle alternate. The next symbol is a circle.

42. Answer: C – 60
Subtract 10 each time. 70 – 10 = 60.

43. Answer: A – Foot : Shoe
A glove is worn on a hand, just as a shoe is worn on a foot.

44. Answer: A – Dog : Kennel
A nest is a place where a bird lives. A kennel is a place where a dog lives.

45. Answer: C – Thursday
Three days after Monday are Tuesday, Wednesday and Thursday.

46. Answer: C – 90°
At 3:00 the hands point to 12 and 3, forming a right angle of 90°.

47. Answer: C – 16
Each row doubles the first number, then doubles it again. 8 × 2 = 16.

48. Answer: C – C
The order from left to right is A, B, C. C is on the right end.

49. Answer: D – 21
11, 13 and 17 are prime. 21 = 3 × 7, so it is not prime.

50. Answer: A – DW

The first letter moves forward A, B, C, D. The second moves backward Z, Y, X, W. The next pair is DW.

QUICK REASONING TIPS FOR CANDIDATES

Number and letter series: Check whether values increase, decrease, repeat, skip or double.

Blood relations: Follow each relationship one step at a time. A simple family tree can help.

Direction sense: Track the direction the person is currently facing. Left and right depend on that direction.

Coding and decoding: Compare each original letter with its coded letter. Check for forward or backward alphabet shifts.

Classification: Find the common feature shared by most options and identify the one that does not fit.

Analytical puzzles: Write the given order or conditions clearly. Do not assume information that is not stated.

Statement and conclusion: Accept only conclusions that must follow from the given statements. Do not add outside facts.

Pattern recognition: Look for repetition, alternating symbols, paired changes and simple visual relationships.

Candidate preparation advice: Practise calmly and focus on the reason behind each answer. If a question takes too long, move to the next one and return later if the examination platform permits.