



Minervaa International Scholarship Examinations

Sample Question Paper

Class- 4

Subject- Mathematics



LOGICAL REASONING

1. Jenifer drew a rectangle as shown below. Then she cuts along the line and slide the triangle to the opposite side. Which figure did she get after this move ?



- a. A square
b. A pentagon
c. A parallelogram
d. A rectangle

2. How many of the following directions are correctly paired?

1. North–Up
2. East–Right of North
3. South–Below North
4. West–Left of North

- a) 1 b) 2 c) 3 d) 4

3. Match the sequences:

Set A	Pattern
A, B, C, D	a. Alphabetical
2, 4, 6, 8	b. Even numbers
Z, X, V, T	c. Reverse alphabet
J, L, N, P	d. Skip letters

- a) A–a, 2–b, Z–c, J–d
b) A–c, 2–a, Z–b, J–d
c) A–b, 2–c, Z–a, J–d
d) A–d, 2–a, Z–b, J–c

4. Match the words with their first letter's position in the alphabet:

Word	Alphabet Position
Apple	a. 1
Mango	b. 13
Zebra	c. 26
Ball	d. 2

- a) Apple-a, Mango-b, Zebra-c, Ball-d
- b) Apple-d, Mango-a, Zebra-b, Ball-c
- c) Apple-c, Mango-a, Zebra-d, Ball-b
- d) Apple-b, Mango-d, Zebra-a, Ball-c

5. If in a code, A = 1, B = 2, C = 3, then what is the code for CAB?

- a) 123 b) 312 c) 231 d) 132

MATHEMETICS

6. A 4 digit number has digits 7, 0, 4, and 9. The digit in the thousands place is the smallest and the digit in the units place is the largest. What is the number?

- a) 0794 b) 4079 c) 7049 d) 0497

7. In the number 8,520, which combination is true?

- a) Face value of 8 = 8000
- b) Place value of 2 = 200
- c) Place value of 5 = 50
- d) Face value of 0 = 10

8. Find the missing part in this expansion:

$$7,206 = 7,000 + \underline{\quad\quad} + 6$$

- ~~a) 200~~ b) 206 c) 20 d) 70

9. Refer to the table:

Number Reversed Number

4302 2034

2091 1902

1904 4091

Which of the original numbers becomes the greatest when reversed?

- a) 4302 b) 2091 c) 1904 d) 1901

10. If the successor of a number is 7,432, and its predecessor is 7,430, what is the number?

- a) 7,431 b) 7,432 c) 7,430 d) 7,429

11. Which of the following statements are correct?

- 1. Place value of 6 in 6,049 is 6000
- 2. Successor of 9,999 is 10,000
- 3. Predecessor of 1,000 is 999
- 4. 3,210 is greater than 3,201

- a) 1 b) 2 c) 3 d) 4

Number Property

1,000 a. Predecessor is 999

4,444 b. All digits same

2,345 c. All digits different

5,212 d. Palindrome

a) 1,000–a, 4,444–b, 2,345–c, 5,212–d

b) 1,000–b, 4,444–d, 2,345–c, 5,212–a

c) 1,000–c, 4,444–a, 2,345–d, 5,212–b

d) 1,000–d, 4,444–c, 2,345–b, 5,212–a

13. What is the sum of 56,782 and 43,219?

a) 99,901

b) 99,011

c) 99,111

d) 99,101

14. Which of the following shows the commutative property of addition?

a) $(35 + 45) + 25 = 35 + (45 + 25)$

b) $45 + 35 = 35 + 45$

c) $0 + 78 = 78$

d) $89 + 0 = 89$

15. A shopkeeper earned ₹45,920 in January and ₹52,380 in February. What was his total earning?

a) ₹97,300 b) ₹98,300

c) ₹98,200 d) ₹97,200

16. In the subtraction $84,296 - 42,158 = 42,138$, identify the minuend

a) 42,158 b) 84,296

c) 42,138 d) 126,454

17. In a library, there were 85,000 books. 23,586 books were borrowed in one month. How many books were left?

a) 61,314 b) 62,414

c) 61,414 d) 62,314

18. In the multiplication 243×5 , identify the multiplicand

a) 243

b) 5

c) 1,215

d) 248

19. There are 125 chairs in one hall. How many chairs are there in 48 such halls?

a) 6,100

b) 6,000

c) 6,250

d) 6,350

20. In the division $825 \div 25$, identify the quotient

a) 25

b) 825

c) 33

d) 0

21. Divide: $3,600 \div 100$

a) 3.6

b) 360

c) 36

d) 36.00

22. A pack of 8 pencils costs ₹456. What is the cost of one pencil?

a) ₹56

b) ₹60

c) ₹58

d) ₹57

23. Which of the following statements about $\frac{4}{5}$ is correct?

- a) 4 is the denominator and it shows equal parts
- b) 5 is the numerator and it shows shaded parts
- c) 5 is the denominator and 4 is the numerator
- d) 4 is the whole number and 5 is a part

24. Refer to the table and choose the correct pair of equivalent fractions:

Fraction A	Fraction B
$\frac{2}{3}$	$\frac{4}{6}$
$\frac{3}{4}$	$\frac{6}{7}$
$\frac{1}{2}$	$\frac{3}{5}$

- a) $\frac{2}{3} = \frac{4}{6}$
- b) $\frac{3}{4} = \frac{6}{7}$
- c) $\frac{1}{2} = \frac{3}{5}$
- d) All pairs are equivalent

25. How many of the following are unit fractions?

- 1. $\frac{1}{5}$
- 2. $\frac{3}{5}$
- 3. $\frac{1}{7}$
- 4. $\frac{2}{2}$

- a) 1 b) 2 c) 3 d) 4

26. Match the fraction to its type:

Fraction	Type
$\frac{2}{5}$	a. Improper
$\frac{7}{4}$	b. Proper
$\frac{1}{1}$	c. Unit
$\frac{1}{8}$	d. Equal to 1

- a) $\frac{2}{5}$ –b, $\frac{7}{4}$ –a, $\frac{1}{1}$ –d, $\frac{1}{8}$ –c
- b) $\frac{2}{5}$ –a, $\frac{7}{4}$ –b, $\frac{1}{1}$ –c, $\frac{1}{8}$ –d
- c) $\frac{2}{5}$ –c, $\frac{7}{4}$ –d, $\frac{1}{1}$ –b, $\frac{1}{8}$ –a
- d) $\frac{2}{5}$ –d, $\frac{7}{4}$ –c, $\frac{1}{1}$ –a, $\frac{1}{8}$ –b

27. Which of the following conversions is correct?

- a) 1 kg = 10,000 g
- b) 1 L = 100 mL
- c) 1 m = 100 cm
- d) 1 cm = 100 mm

28. Refer to the table and identify the incorrect match:

Item	Unit
Water bottle	Litre
Needle weight	Kilogram
Road distance	Kilometre
Pencil length	Centimetre

- a) Water bottle – Litre
- b) Needle weight – Kilogram
- c) Road distance – Kilometre
- d) Pencil length – Centimetre

29. Which of the following is false?

- a) Water is measured in litres
- b) Height of a mountain is measured in kilometres
- c) A truck's weight is measured in grams
- d) Milk can be measured in millilitres

30. True/False with reasoning:

Statement A: A 1-litre bottle holds more than a 1,000 mL bottle.

Statement B: 100 cm = 1 m

- a) Only A is true
- b) Only B is true
- c) Both are true
- d) Both are false

31. If the day before yesterday was Tuesday, when will be Saturday?

- a) Day after tomorrow
- b) Tomorrow
- c) Two days after tomorrow
- d) Yesterday

32. Gene Golub was born on 29th February. His birthday comes:

- a) every year
- b) once every four years
- c) twice in a year
- d) after every two years

33. Which of the following clocks shows time as quarter to 8?



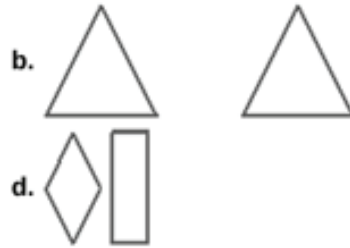
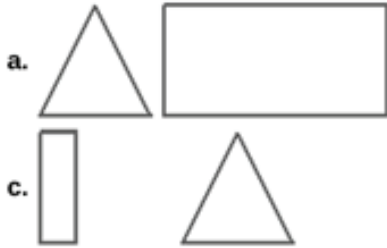
34. Which of the following shows 24-hour clock time?

- a) 05:18 a.m.
- b) 12 noon
- c) 16:18 hours
- d) 05:18 p.m.

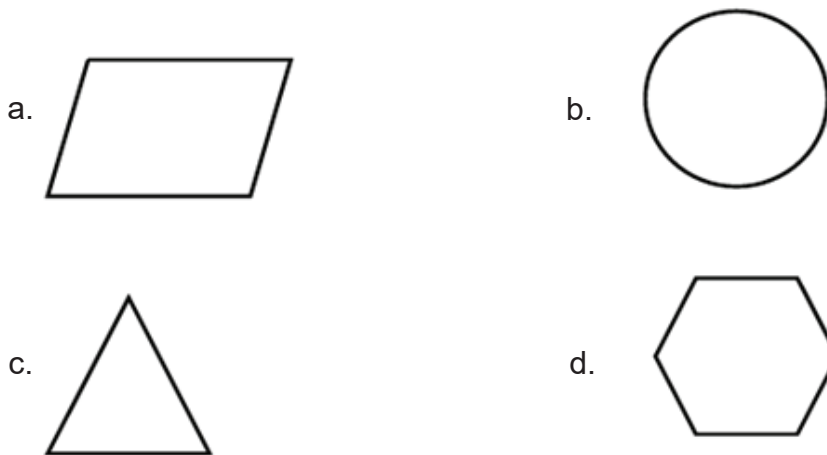
35.



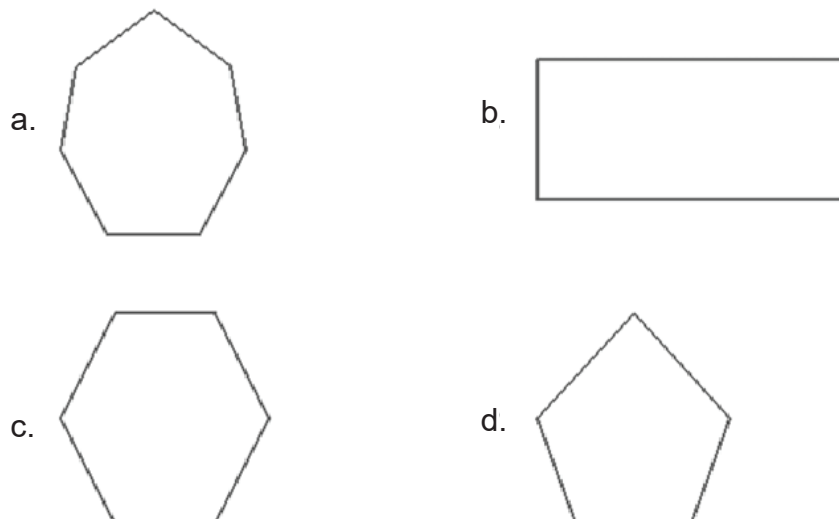
Which of the following two shapes can be used to create the above figure?
(You can cut the shapes if required)



36. Identify which of the following figures is not a polygon?



37. Which of the following is a heptagon ?



38. Convert ₹8.75 into paise.

- a) 875 paise b) 805 paise
c) 85.75 paise d) 8750 paise

39. How many of the following are true?

1. ₹1 = 100 paise
2. ₹2.50 = 250 paise
3. ₹0.50 = 50 paise
4. ₹5.00 = 5 rupees

- a) 2 b) 3 c) 4 d) 1

40. Which of the following is correct?

- a) ₹2 coins = $3 \times ₹5 = ₹8$
b) ₹10 note = $2 \times ₹5$ coins
c) ₹1 coin = ₹10 note
d) ₹20 = $3 \times ₹5$

41. A toy costs ₹125. One customer buys 4 such toys. What is the total cost?

- a) ₹500 b) ₹420 c) ₹480 d) ₹400

42. True/False with reasoning:

Statement A: ₹1.20 is more than ₹0.90

Statement B: ₹10.50 = 1050 paise

- a) Both true b) Only A is true
c) Only B is true d) Both false

43. Which of these is the decimal form of 3 rupees 45 paise?

- a) ₹3.45 b) ₹3.54 c) ₹3.05 d) ₹3.50

44. Match the following decimal numbers with their number names:

Decimal	Number Name
4.20	a. Four and twenty hundredths
0.75	b. Seventy-five hundredths
6.03	c. Six and three hundredths
8.00	d. Eight

- a) 4.20–a, 0.75–b, 6.03–c, 8.00–d
b) 4.20–b, 0.75–a, 6.03–d, 8.00–c
c) 4.20–d, 0.75–c, 6.03–b, 8.00–a
d) 4.20–c, 0.75–d, 6.03–a, 8.00–b

45. Which decimal is shown in this pictorial representation:



- a) 0.3 b) 0.07 c) 0.7 d) 7.0

46. What is the expanded form of 2.34?

- a) $2 + 3 + 4$
b) $2 + 0.3 + 0.04$
c) $2 + 30 + 4$
d) $2.30 + 0.04$

47. Which of these decimals is the smallest?

- a) 0.5 b) 0.25 c) 0.75 d) 0.80

48. Convert $\frac{9}{10}$ into a decimal.

- a) 0.90 b) 9.00 c) 0.9 d) 0.09

49. True/False with reasoning:

Statement A: 1.50 is equal to 150 paise

Statement B: $0.7 < 0.65$

- a) Both true b) Only A is true
c) Only B is true d) Both false

50. How many of the following decimals are greater than 0.6?

1. 0.75
2. 0.25
3. 0.60
4. 0.85

- a) 1 b) 2 c) 3 d) 4

Answer Key

1.c	2.d	3.a	4.a	5.b	6.b	7.c	8.a	9.c	10.a
11.d	12.d	13.	14.b	15.b	16.b	17.c	18.a	19.b	20.c
21.c	22.d	23.c	24.a	25.a	26.a	27.c	28.b	29.c	30.b
31.a	32.b	33.b	34.c	35.a	36.b	37.a	38.a	39.c	40.b
41.a	42.a	43.a	44.a	45.c	46.b	47.b	48.c	49.b	50.b