

Full Practice Exam — Set 3

Mathematics · Class 2 · Full Syllabus Practice Exam

TIME 60 minutes	QUESTIONS 35	TOTAL MARKS 40	MAX. SCORE ___ / 40
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Name: _____ Class/Sec: _____ Date: _____

INSTRUCTIONS

- There are **35 questions** in this paper. Answer all of them.
- Each question has four choices — (A), (B), (C) and (D). Only **one** is correct.
- Questions 1–30 carry **1 mark** each. Questions 31–35 (Achievers Section) carry **2 marks** each.
- There is no negative marking. Show your working in the space at the side.

Section 1 — Logical Reasoning

Q1–Q10 · 1 mark each

- What comes next in the series? 4, 8, 12, 16, ____
 (A) 18 (B) 20
 (C) 22 (D) 24
- What comes next in the letter series? C, F, I, L, ____
 (A) M (B) N
 (C) P (D) O
- Find the **odd one out**: 7, 14, 21, 29
 (A) 7 (B) 14
 (C) 21 (D) 29
- Fish : Swim :: Bird : ____
 (A) Jump (B) Swim
 (C) Crawl (D) Fly
- Study the shapes below. Which shape has a **different** number of sides from the rest?

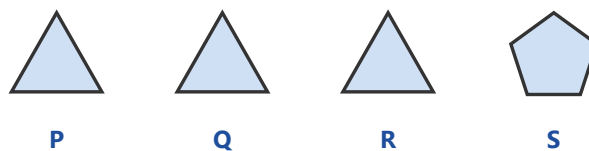


Fig. 5.1

- (A) P (B) Q
 (C) R (D) S

6. In a certain code, PEN is written as 16-5-14. How is SUN written in the same code?
- (A) 19-21-13 (B) 19-20-14
(C) 18-21-14 (D) 19-21-14
7. In a row of 15 children, Aman is 6th from the left end. What is his position from the right end?
- (A) 10th (B) 9th
(C) 11th (D) 8th
8. A boy is facing east. He turns 90° clockwise. Which direction does he face now?
- (A) North (B) West
(C) South (D) East
9. If today is Friday, what day will it be after 3 days?
- (A) Saturday (B) Sunday
(C) Tuesday (D) Monday
10. Which one does **not** belong with the others?
- (A) Carrot (B) Banana
(C) Apple (D) Mango

Section 2 — Mathematical Reasoning

Q11–Q20 · 1 mark each

11. What is the place value of 4 in 483?
- (A) 4 (B) 40
(C) 400 (D) 483
12. Which is the **greatest** number?
- (A) 219 (B) 291
(C) 912 (D) 129
13. $58 + 37 = \underline{\hspace{2cm}}$
- (A) 85 (B) 95
(C) 105 (D) 15
14. $74 - 28 = \underline{\hspace{2cm}}$
- (A) 46 (B) 56
(C) 36 (D) 102
15. $6 \times 7 = \underline{\hspace{2cm}}$
- (A) 36 (B) 42
(C) 48 (D) 13

16. $24 \div 4 = \underline{\hspace{1cm}}$

(A) 5

(B) 6

(C) 7

(D) 8

17. Which number is exactly halfway between 60 and 80?

(A) 65

(B) 68

(C) 70

(D) 75

18. How many sides does the shape below have?

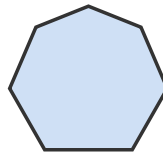


Fig. 18.1

(A) 5

(B) 6

(C) 7

(D) 8

19. 1 litre is equal to _____ millilitres.

(A) 10

(B) 100

(C) 1000

(D) 10000

20. $\underline{\hspace{1cm}} + 24 = 50$. What number goes in the blank?

(A) 26

(B) 24

(C) 36

(D) 16

Section 3 — Everyday Mathematics

Q21–Q30 · 1 mark each

21. A farm has 56 hens and 29 ducks. How many birds are there in all?

(A) 75

(B) 85

(C) 95

(D) 27

22. There were 90 apples in a crate. 42 were sold. How many apples are left?

(A) 48

(B) 58

(C) 38

(D) 132

23. One box holds 9 crayons. How many crayons are in 6 boxes?

(A) 45

(B) 54

(C) 63

(D) 15

24. Kabir has four ₹10 notes and three ₹2 coins. How much money does he have?

(A) ₹43

(B) ₹52

(C) ₹46

(D) ₹40

25. What time does the clock show?

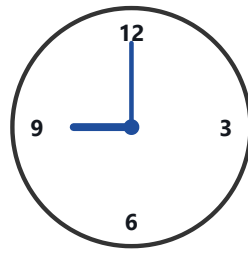


Fig. 25.1

- (A) Quarter past 9 (B) 3 o'clock
(C) Half past 9 (D) 9 o'clock
26. A sack had 35 kg of flour. 18 kg was used. How much flour is left?
(A) 17 kg (B) 23 kg
(C) 53 kg (D) 27 kg
27. 18 candies are shared equally among 3 children. How many candies does each child get?
(A) 5 (B) 6
(C) 7 (D) 9
28. How many days are there in the month of February in a normal year (not a leap year)?
(A) 28 (B) 29
(C) 30 (D) 31
29. Kiran is 12 years old. Three years ago, how old was she?
(A) 15 (B) 9
(C) 8 (D) 10
30. A notebook costs ₹15. How much would 4 such notebooks cost, plus a ₹10 eraser?
(A) ₹60 (B) ₹65
(C) ₹70 (D) ₹75

Achievers Section

Q31–Q35 · 2 marks each

31. Sanya bought 3 story books at ₹18 each and paid with a ₹100 note. How much change did she get back?
(A) ₹64 (B) ₹54
(C) ₹36 (D) ₹46
32. A number has the digit 3 in the tens place and 6 in the ones place. If the number is doubled, what is the result?
(A) 66 (B) 72
(C) 39 (D) 63

- 33.** Look at this pattern: 3, 5, 9, 15, _____. What comes next?
- (A) 21 (B) 23
(C) 25 (D) 19
- 34.** A rope is cut into 5 equal pieces. Each piece is 8 metres long. What was the length of the rope before it was cut?
- (A) 40 m (B) 35 m
(C) 13 m (D) 45 m
- 35.** A number is 10 more than 45. If that number is then reduced by 18, what is the final number?
- (A) 37 (B) 47
(C) 27 (D) 55

Answer Key

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

Solutions

1. Answer: (B) 20

Each number is 4 more than the one before it.

$$16 + 4 = \mathbf{20}.$$

2. Answer: (D) O

Each letter skips two letters: C, (D, E), F, (G, H), I, (J, K), L, (M, N), **O**.

3. Answer: (D) 29

7, 14 and 21 are all multiples of 7. **29** is not, so it is the odd one out.

4. Answer: (D) Fly

A fish moves by swimming. In the same way, a bird moves by **flying**.

5. Answer: (D) S

P, Q and R are all triangles with 3 sides. **S** is a pentagon with 5 sides, so it has a different number of sides.

6. Answer: (D) 19-21-14

Each letter is replaced by its position in the alphabet: P = 16, E = 5, N = 14.

So S = 19, U = 21 and N = 14, giving **19-21-14**.

7. Answer: (A) 10th

Position from the right = total – position from the left + 1

$$= 15 - 6 + 1 = \mathbf{10th}.$$

8. Answer: (C) South

Turning 90° clockwise from east takes him to **south**.

9. Answer: (D) Monday

Counting three days after Friday: Saturday, Sunday, **Monday**.

10. Answer: (A) Carrot

Apple, Banana and Mango are all fruits. **Carrot** is a vegetable, so it does not belong with the others.

11. Answer: (C) 400

In 483, the 4 sits in the hundreds place, so its place value is $4 \times 100 = \mathbf{400}$.

12. Answer: (C) 912

Compare the hundreds digits: 2, 2, 9 and 1. The number with 9 hundreds is the greatest: **912**.

13. Answer: (B) 95

Ones: $8 + 7 = 15$, write 5 carry 1.

Tens: $50 + 30 + 10 = 90$.

Sum = **95**.

14. Answer: (A) 46

The ones digit 4 is smaller than 8, so borrow: $14 - 8 = 6$.

The tens are now $6 - 2 = 4$.

Answer = **46**.

15. Answer: (B) 42

6 groups of 7: $7 + 7 + 7 + 7 + 7 + 7 = 42$.

16. Answer: (B) 6

Sharing 24 equally into 4 groups: $4 \times 6 = 24$, so $24 \div 4 = 6$.

17. Answer: (C) 70

The gap between 60 and 80 is 20, and half of that is 10.

$60 + 10 = 70$.

18. Answer: (C) 7

Count the straight edges of the shape: there are **7** sides in all.

19. Answer: (C) 1000

1 litre = **1000** millilitres.

20. Answer: (A) 26

To find the missing number, subtract 24 from 50.

$50 - 24 = 26$.

21. Answer: (B) 85

Add the two amounts.

$56 + 29 = 85$ birds.

22. Answer: (A) 48

Apples were sold, so subtract.

$90 - 42 = 48$ apples.

23. Answer: (B) 54

6 boxes of 9 crayons each.

$6 \times 9 = 54$ crayons.

24. Answer: (C) ₹46

Four ₹10 notes = ₹40. Three ₹2 coins = ₹6.

Total = $40 + 6 = ₹46$.

25. Answer: (D) 9 o'clock

The minute hand points straight up to 12 and the hour hand points exactly to 9, so the time is **9 o'clock**.

26. Answer: (A) 17 kg

$35 - 18 = 17$ kg left.

27. Answer: (B) 6

Sharing 18 candies equally among 3 children: $18 \div 3 = 6$ candies each.

28. Answer: (A) 28

In a normal (non-leap) year, February has **28** days.

29. Answer: (B) 9

$12 - 3 = 9$ years old.

30. Answer: (C) ₹70

4 notebooks cost $4 \times ₹15 = ₹60$. Adding the eraser: $60 + 10 = ₹70$.

31. Answer: (D) ₹46

3 books cost $3 \times ₹18 = ₹54$.

Change = $100 - 54 = ₹46$.

32. Answer: (B) 72

The digit 3 in the tens place and 6 in the ones place make the number 36.

Doubling it: $36 + 36 = 72$.

33. Answer: (B) 23

Look at the gaps: 3 to 5 is +2, 5 to 9 is +4, 9 to 15 is +6. The next gap must be +8.

$15 + 8 = 23$.

34. Answer: (A) 40 m

5 pieces of 8 metres each make up the whole rope.

$5 \times 8 = 40 \text{ m}$.

35. Answer: (A) 37

10 more than 45 is $45 + 10 = 55$.

Reducing by 18: $55 - 18 = 37$.