

Full Practice Exam — Set 1

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

1. What comes next in the series? 2, 4, 6, 8, ____

- (A) 9 (B) 10
(C) 12 (D) 16

2. Find the **odd one out**: 5, 10, 15, 22

- (A) 5 (B) 10
(C) 15 (D) 22

3. What comes next in the letter series? A, C, E, G, ____

- (A) H (B) I
(C) J (D) K

4. Study the pattern. Which shape below has a **different** number of sides from the rest?

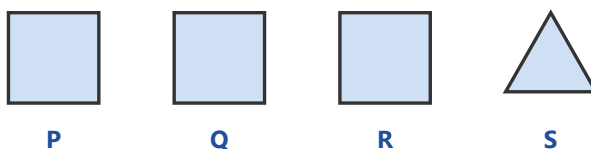


Fig. 4.1

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

5. In a certain code, CAT is written as 3-1-20. How is DOG written in the same code?

- (A) 4-15-7 (B) 4-14-7
(C) 5-15-7 (D) 4-15-8

6. In a row of 10 children, Rahul is 4th from the left end. What is his position from the right end?
- (A) 7th (B) 6th
(C) 5th (D) 8th
7. A boy is facing south. He turns 90° clockwise. Which direction does he face now?
- (A) West (B) East
(C) North (D) South
8. Which figure is the **odd one out**?

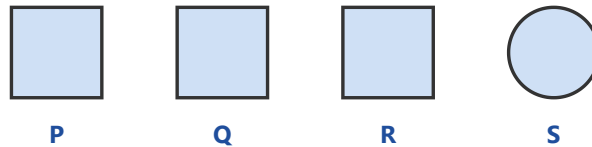


Fig. 8.1

- (A) P (B) Q
(C) R (D) S
9. If today is Sunday, what day will it be after 8 days?
- (A) Sunday (B) Wednesday
(C) Tuesday (D) Monday
10. Ball : Round :: Book : ____
- (A) Rectangular (B) Soft
(C) Heavy (D) Red

Section 2 — Mathematical Reasoning

Q11–Q20 · 1 mark each

11. What is the place value of 6 in 367?
- (A) 6 (B) 60
(C) 600 (D) 667
12. Which is the **greatest** number?
- (A) 407 (B) 470
(C) 740 (D) 704
13. $45 + 28 =$ ____
- (A) 63 (B) 73
(C) 83 (D) 17
14. $82 - 35 =$ ____
- (A) 47 (B) 57
(C) 37 (D) 117

15. $4 \times 6 = \underline{\hspace{1cm}}$
(A) 10 (B) 20
(C) 24 (D) 28
16. Which number is exactly halfway between 40 and 60?
(A) 45 (B) 48
(C) 50 (D) 55
17. How many corners does a rectangle have?
(A) 2 (B) 3
(C) 4 (D) 6
18. 1 metre is equal to _____ centimetres.
(A) 10 (B) 50
(C) 100 (D) 1000
19. Which of these numbers is an **odd** number?
(A) 24 (B) 36
(C) 43 (D) 58
20. What comes next in the pattern? 5, 10, 15, 20, ____
(A) 22 (B) 24
(C) 25 (D) 30

Section 3 — Everyday Mathematics

Q21–Q30 · 1 mark each

21. A library has 45 story books and 38 picture books. How many books are there in all?
(A) 73 (B) 83
(C) 93 (D) 7
22. There were 60 mangoes in a basket. 25 were sold. How many mangoes are left?
(A) 25 (B) 35
(C) 45 (D) 85
23. One packet holds 8 biscuits. How many biscuits are in 5 packets?
(A) 13 (B) 35
(C) 40 (D) 45
24. Rina has three ₹10 notes and two ₹5 coins. How much money does she have?
(A) ₹35 (B) ₹15
(C) ₹45 (D) ₹40

25. What time does the clock show?

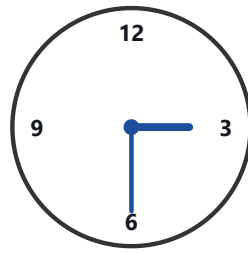


Fig. 25.1

- (A) Half past 3
(B) Half past 6
(C) 6 o'clock
(D) 3 o'clock
26. A shopkeeper had 25 kg of rice. He sold 9 kg. How much rice is left?
(A) 14 kg
(B) 18 kg
(C) 34 kg
(D) 16 kg
27. A jug holds 2 litres of juice. It is poured equally into 4 glasses. How much juice is in each glass?
(A) 500 ml
(B) 250 ml
(C) 800 ml
(D) 1 litre
28. How many days are there in the month of April?
(A) 28
(B) 29
(C) 30
(D) 31
29. Amit is 9 years old. In 5 years, how old will he be?
(A) 13
(B) 14
(C) 4
(D) 15
30. A book costs ₹45. How much would 3 such books cost?
(A) ₹48
(B) ₹90
(C) ₹125
(D) ₹135

Achievers Section

Q31–Q35 · 2 marks each

- 31.** Sunil had ₹100. He bought a toy for ₹65 and a pencil for ₹8. How much money is left with him?
- (A) ₹27 (B) ₹19
(C) ₹35 (D) ₹42
- 32.** A number has 5 tens and 8 ones. If 20 is added to it, what is the new number?
- (A) 68 (B) 78
(C) 88 (D) 58

- 33.** Look at this pattern: 1, 3, 6, 10, _____. What comes next?
- (A) 12 (B) 13
(C) 15 (D) 16
- 34.** Meena had some stickers. She gave away 12 and now has 25 left. How many stickers did she have at first?
- (A) 13 (B) 27
(C) 37 (D) 47
- 35.** A cube has 6 faces. How many faces do 3 cubes have altogether?
- (A) 9 (B) 12
(C) 18 (D) 24

Answer Key

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

Solutions

1. Answer: (B) 10

Each number is 2 more than the one before it.

$$8 + 2 = \mathbf{10}.$$

2. Answer: (D) 22

5, 10 and 15 are all multiples of 5. **22** is not, so it is the odd one out.

3. Answer: (B) I

Each letter skips one: A, (B), C, (D), E, (F), G, (H), **I**.

4. Answer: (D) S

P, Q and R are all squares with 4 sides. **S** is a triangle with only 3 sides, so it has a different number of sides.

5. Answer: (A) 4-15-7

Each letter is replaced by its position in the alphabet: C = 3, A = 1, T = 20.

So D = 4, O = 15 and G = 7, giving **4-15-7**.

6. Answer: (A) 7th

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

$$= 10 - 4 + 1 = \mathbf{7th}.$$

7. Answer: (A) West

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

8. Answer: (D) S

P, Q and R are all squares with 4 straight sides. **S** is a circle with no straight sides, so it is the odd one out.

9. Answer: (D) Monday

After 7 days it is Sunday again. One more day after that is **Monday**.

10. Answer: (A) Rectangular

A ball has the shape 'round'. A book has the shape **rectangular**.

11. Answer: (B) 60

In 367, the 6 sits in the tens place, so its place value is $6 \times 10 = \mathbf{60}$.

12. Answer: (C) 740

Compare the hundreds digits: 4, 4, 7 and 7. Between 740 and 704, compare the tens: 4 is more than 0, so the greatest is **740**.

13. Answer: (B) 73

Ones: $5 + 8 = 13$, write 3 carry 1.

Tens: $40 + 20 + 10 = 70$.

Sum = **73**.

14. Answer: (A) 47

The ones digit 2 is smaller than 5, so borrow: $12 - 5 = 7$.

The tens are now $7 - 3 = 4$.

Answer = **47**.

15. Answer: (C) 24

4 groups of 6: $6 + 6 + 6 + 6 = \mathbf{24}$.

16. Answer: (C) 50

The gap between 40 and 60 is 20, and half of that is 10.

$40 + 10 = \mathbf{50}$.

17. Answer: (C) 4

A rectangle has 4 sides and **4** corners.

18. Answer: (C) 100

1 metre = **100** centimetres.

19. Answer: (C) 43

Numbers ending in 1, 3, 5, 7 or 9 are odd. Only **43** ends in 3, so it is odd.

20. Answer: (C) 25

The numbers go up by 5 each time.

$20 + 5 = \mathbf{25}$.

21. Answer: (B) 83

Add the two amounts.

$45 + 38 = \mathbf{83}$ books.

22. Answer: (B) 35

Mangoes were sold, so subtract.

$60 - 25 = \mathbf{35}$ mangoes.

23. Answer: (C) 40

5 packets of 8 biscuits each.

$5 \times 8 = \mathbf{40}$ biscuits.

24. Answer: (D) ₹40

Three ₹10 notes = ₹30. Two ₹5 coins = ₹10.

Total = $30 + 10 = \mathbf{₹40}$.

25. Answer: (A) Half past 3

The long minute hand points to 6, which means half past. The short hour hand is between 3 and 4, so the time is **half past 3**.

26. Answer: (D) 16 kg

$25 - 9 = \mathbf{16\ kg}$ left.

27. Answer: (A) 500 ml

2 litres = 2000 ml.

Sharing equally into 4 glasses: $2000 \div 4 = \mathbf{500\ ml}$ each.

28. Answer: (C) 30

April has **30** days, like June, September and November.

29. Answer: (B) 14

$9 + 5 = \mathbf{14}$ years old.

30. Answer: (D) ₹135

3 books $\times$ ₹45 each.

$3 \times 45 = \mathbf{₹135}$.

31. Answer: (A) ₹27

Total spent = $65 + 8 = ₹73$.

Money left = $100 - 73 = \mathbf{₹27}$.

32. Answer: (B) 78

5 tens and 8 ones make 58.

$58 + 20 = \mathbf{78}$.

33. Answer: (C) 15

Look at the gaps: 1 to 3 is +2, 3 to 6 is +3, 6 to 10 is +4. The next gap must be +5.

$10 + 5 = \mathbf{15}$.

34. Answer: (C) 37

Add back what she gave away.

$25 + 12 = \mathbf{37}$ stickers.

Check: $37 - 12 = 25$. ✓

35. Answer: (C) 18

Each cube has 6 faces.

$3 \times 6 = \mathbf{18}$ faces in all.