

UNIQUE STUDY POINT

AMITESH NAGAR, INDORE

PRACTICE PAPER 01 (2026-27)

CHAPTER 03 A PEEK BEYOND THE POINT

Prepared by: SUMEET SAHU | Website : [Click Here](#) | WhatsApp Channel : [Click Here](#)

Class : VII

Subject : Mathematics

Time : 1 hr 30 min

M.M. : 40

General Instructions :

- This question paper contains **21** questions divided into **four** sections A, B, C and D.
- **Section A** has 10 multiple choice questions of 1 mark each.
- **Section B** has 5 short answer questions of 2 marks each.
- **Section C** has 4 short answer questions of 3 marks each.
- **Section D** has 2 case based questions of 4 marks each.
- All questions are compulsory. Use of a calculator is **not** permitted.

SECTION - A

This section consists of 10 multiple choice questions of 1 mark each.

1. The decimal number 2.7 means 1
(A) Both B and C (B) 2 ones and 7 hundredths (C) 2 ones and 7 tenths (D) 27 tenths
2. Which of the following is the decimal form of $\frac{3}{4}$? 1
(A) 0.34 (B) 0.75 (C) 0.43 (D) 0.3
3. How many thousandths make one tenth ? 1
(A) 10 (B) 1000 (C) 100 (D) 1
4. Which decimal is the greatest ? 1
(A) 1.101 (B) 1.011 (C) 1.001 (D) 1.110
5. The value of $5.3 + 2.6$ is 1
(A) 8.9 (B) 7.9 (C) 7.0 (D) 7.8
6. Which of the following is TRUE ? 1
(A) $0.2 = 0.20$ (B) $0.30 = 0.03$ (C) $1.09 > 1.9$ (D) $0.500 \neq 0.5$
7. 234 hundredths written as a decimal is 1
(A) 23.4 (B) 0.234 (C) 234.0 (D) 2.34
8. 254 g expressed in kg is 1
(A) 25.4 kg (B) 2.54 kg (C) 0.254 kg (D) 0.0254 kg

Directions (Q. 9 and Q. 10) : In each of the following questions, a statement of **Assertion (A)** is followed by a statement of **Reason (R)**. Choose the correct option : **(A)** Both A and R are true and R is the correct explanation of A. **(B)** Both A and R are true but R is not the correct explanation of A. **(C)** A is true but R is false. **(D)** A is false but R is true.

9. **Assertion (A) :** $0.2 = 0.20 = 0.200$. 1
Reason (R) : Adding zeros to the right of the last digit after a decimal point does not change the value of the number.
10. **Assertion (A) :** $1.32 > 1.23$ because $3 > 2$ in the tenths place. 1
Reason (R) : When comparing decimals with the same whole number part, compare digit by digit from left to right starting at the tenths place.

SECTION - B

This section consists of 5 questions of 2 marks each.

UNIQUE STUDY POINT

AMITESH NAGAR, INDORE

PRACTICE PAPER 01 (2026-27)

CHAPTER 03 A PEEK BEYOND THE POINT

Prepared by: SUMEET SAHU | Website : [Click Here](#) | WhatsApp Channel : [Click Here](#)

11. Write the following in decimal form : (i) 87 ones, 5 tenths and 60 hundredths. (ii) 12 tens and 12 tenths. **2**
12. Convert to decimals : (i) $\frac{1}{2}$ (ii) $\frac{3}{4}$ (iii) $\frac{4}{5}$ (iv) $\frac{3}{2}$. **2**
13. Add : (i) $2.15 + 5.26$ (ii) $29.19 + 9.91$ (iii) $6.236 + 0.487$. **2**
14. A screw is 2.7 cm long and another is 3.2 cm long. What is the total length of both screws ? How much longer is the second screw than the first ? **2**
15. Arrange in descending order : 11.01, 1.011, 1.101, 11.10, 1.01. State the place value at which you compared to get the final order. **2**

SECTION - C

This section consists of 4 questions of 3 marks each.

16. Sonu says $0.634 - 0.357 = 0.277$. Verify her answer by addition. Also subtract 0.357 from 1 and check if the answer combined with Sonu's gives 1. **3**
17. A ribbon is 5.25 m long. Riya cuts off 2.8 m. Write the subtraction and find the remaining length. Convert your answer to cm. **3**
18. Write the decimal equivalent of each : (i) 0.34 as a fraction in lowest terms. (ii) 1.02 as a fraction. (iii) 0.362 as a fraction. **3**
19. Using the digits 1, 2, 3 and 4 (each exactly once and one decimal point), write the largest possible decimal number less than 10 and the smallest possible decimal number greater than 1. Find their sum and difference. **3**

SECTION - D

This section consists of 2 case based questions of 4 marks each.

20. Measurement conversions using decimals. **4**
- (i) Convert 3500 g to kg.
- (ii) Convert 2.7 cm to mm.
- (iii) A rope is 1.25 m long. Express this in cm and in mm.
- (iv) Anuj's height is 1.38 m and Riya's is 1.25 m. How much taller is Anuj ? Express the difference in cm.
21. Students compare decimal measurements from a science experiment. **4**
- (i) Four objects have lengths 6.465 cm, 6.456 cm, 6.546 cm and 6.654 cm. Arrange them in ascending order.
- (ii) Find the total length of all four objects.
- (iii) Find the difference between the longest and the shortest.
- (iv) If each object is placed end to end, will they fit in a box of length 26 cm ? Show working.

----- All the Best -----

UNIQUE STUDY POINT

AMITESH NAGAR, INDORE

PRACTICE PAPER 01 (2026-27) — MARKING SCHEME

CHAPTER 03 A PEEK BEYOND THE POINT

Prepared by: SUMEET SAHU | Website : [Click Here](#) | WhatsApp Channel : [Click Here](#)

SECTION - A (Answer Key)

Q	1	2	3	4	5	6	7	8	9	10
Ans	(A)	(B)	(C)	(D)	(B)	(A)	(D)	(C)	(A)	(A)

SECTION A - Detailed Answers (1 mark each)

- The decimal number 2.7 means 1

(A) Both B and C (B) 2 ones and 7 hundredths (C) 2 ones and 7 tenths (D) 27 tenths

Ans (A) : $2.7 = 2 \text{ ones} + 7 \text{ tenths}$. Also $2.7 = 27 \text{ tenths}$. So both B and C are correct.
- Which of the following is the decimal form of $\frac{3}{4}$? 1

(A) 0.34 (B) 0.75 (C) 0.43 (D) 0.3

Ans (B) : $\frac{3}{4} = \frac{75}{100} = 0.75$.
- How many thousandths make one tenth ? 1

(A) 10 (B) 1000 (C) 100 (D) 1

Ans (C) : 1 tenth = 10 hundredths = 100 thousandths. So 100 thousandths = 1 tenth.
- Which decimal is the greatest ? 1

(A) 1.101 (B) 1.011 (C) 1.001 (D) 1.110

Ans (D) : 1.110: tenths digit = 1. 1.101: tenths = 1, hundredths = 0. 1.011: tenths = 0. Comparing tenths: 1.110 and 1.101 both have 1 in tenths. Hundredths: 1.110 has 1, 1.101 has 0. So $1.110 > 1.101 > 1.011 > 1.001$.
- The value of $5.3 + 2.6$ is 1

(A) 8.9 (B) 7.9 (C) 7.0 (D) 7.8

Ans (B) : Align decimal points: $5.3 + 2.6 = 7.9$.
- Which of the following is TRUE ? 1

(A) $0.2 = 0.20$ (B) $0.30 = 0.03$ (C) $1.09 > 1.9$ (D) $0.500 \neq 0.5$

Ans (A) : $0.2 = \frac{2}{10} = \frac{20}{100} = 0.20$. Adding trailing zeros doesn't change value.
- 234 hundredths written as a decimal is 1

(A) 23.4 (B) 0.234 (C) 234.0 (D) 2.34

Ans (D) : 234 hundredths = $\frac{234}{100} = 2.34$.
- 254 g expressed in kg is 1

(A) 25.4 kg (B) 2.54 kg (C) 0.254 kg (D) 0.0254 kg

Ans (C) : 1 kg = 1000 g. So $254 \text{ g} = \frac{254}{1000} \text{ kg} = 0.254 \text{ kg}$.
- Assertion (A) : $0.2 = 0.20 = 0.200$. 1
Reason (R) : Adding zeros to the right of the last digit after a decimal point does not change the value of the number.
Ans (A) : Both true and R correctly explains A: trailing zeros after the last decimal digit don't affect value ($0.2 = \frac{2}{10} = \frac{20}{100} = 0.20$).
- Assertion (A) : $1.32 > 1.23$ because $3 > 2$ in the tenths place. 1
Reason (R) : When comparing decimals with the same whole number part, compare digit by digit from left to right starting at the tenths place.
Ans (A) : Both true and R correctly explains A: compare digit by digit left to right; at tenths place, $3 > 2$, so $1.32 > 1.23$.

UNIQUE STUDY POINT

AMITESH NAGAR, INDORE

PRACTICE PAPER 01 (2026-27) — MARKING SCHEME

CHAPTER 03 A PEEK BEYOND THE POINT

Prepared by: SUMEET SAHU | Website : [Click Here](#) | WhatsApp Channel : [Click Here](#)

SECTION B - Short Answer (2 marks each)

11. Write the following in decimal form : (i) 87 ones, 5 tenths and 60 hundredths. (ii) 12 tens and 12 tenths. 2
Solution : (i) $87+0.5+0.60=88.10$. (ii) $120+1.2=121.2$.
12. Convert to decimals : (i) $1/2$ (ii) $3/4$ (iii) $4/5$ (iv) $3/2$. 2
Solution : (i) $1/2=0.5$. (ii) $3/4=0.75$. (iii) $4/5=0.8$. (iv) $3/2=1.5$.
13. Add : (i) $2.15 + 5.26$ (ii) $29.19 + 9.91$ (iii) $6.236 + 0.487$. 2
Solution : (i) $2.15+5.26=7.41$. (ii) $29.19+9.91=39.10$. (iii) $6.236+0.487=6.723$.
14. A screw is 2.7 cm long and another is 3.2 cm long. What is the total length of both screws ? How much longer is the second screw than the first ? 2
Solution : Total = $2.7+3.2=5.9$ cm. Difference = $3.2-2.7=0.5$ cm.
15. Arrange in descending order : 11.01, 1.011, 1.101, 11.10, 1.01. State the place value at which you compared to get the final order. 2
Solution : Descending: **11.10 > 11.01 > 1.101 > 1.011 > 1.01**. Compared at: tens place (11 vs 1), then tenths place (11.10 vs 11.01), then tenths again (1.101 vs 1.011 vs 1.01).

SECTION C - Short Answer (3 marks each)

16. Sonu says $0.634 - 0.357 = 0.277$. Verify her answer by addition. Also subtract 0.357 from 1 and check if the answer combined with Sonu's gives 1. 3
Solution : $0.634-0.357=0.277$. Verify: $0.277+0.357=0.634$. $\square$ $1-0.357=0.643$. Check: $0.643+0.277=0.920 \neq 1$. (The second part of the question is a distractor — the two parts don't combine to 1.)
17. A ribbon is 5.25 m long. Riya cuts off 2.8 m. Write the subtraction and find the remaining length. Convert your answer to cm. 3
Solution : $5.25-2.8=5.25-2.80=2.45$ m. In cm: $2.45 \times 100=245$ cm.
18. Write the decimal equivalent of each : (i) 0.34 as a fraction in lowest terms. (ii) 1.02 as a fraction. (iii) 0.362 as a fraction. 3
Solution : (i) $0.34=34/100=17/50$. (ii) $1.02=102/100=51/50$. (iii) $0.362=362/1000=181/500$.
19. Using the digits 1, 2, 3 and 4 (each exactly once and one decimal point), write the largest possible decimal number less than 10 and the smallest possible decimal number greater than 1. Find their sum and difference. 3
Solution : Largest < 10 using 1,2,3,4: **9.... wait only digits 1,2,3,4 available**. Largest < 10: **4.123**. Smallest > 1: **1.234**. Sum= $4.123+1.234=5.357$. Difference= $4.123-1.234=2.889$.

SECTION D - Case Based (4 marks each)

20. Measurement conversions using decimals. 4
- (i) Convert 3500 g to kg.
Ans : $3500 \text{ g} = 3500/1000 = 3.5 \text{ kg}$.
- (ii) Convert 2.7 cm to mm.
Ans : $2.7 \text{ cm} = 2.7 \times 10 = 27 \text{ mm}$.
- (iii) A rope is 1.25 m long. Express this in cm and in mm.
Ans : $1.25 \text{ m} = 1.25 \times 100 = 125 \text{ cm} = 1.25 \times 1000 = 1250 \text{ mm}$.
- (iv) Anuj's height is 1.38 m and Riya's is 1.25 m. How much taller is Anuj ? Express the difference in cm.
Ans : $1.38-1.25=0.13 \text{ m} = 13 \text{ cm}$.

UNIQUE STUDY POINT

AMITESH NAGAR, INDORE

PRACTICE PAPER 01 (2026-27) — MARKING SCHEME CHAPTER 03 A PEEK BEYOND THE POINT

Prepared by: SUMEET SAHU | Website : [Click Here](#) | WhatsApp Channel : [Click Here](#)

21. Students compare decimal measurements from a science experiment.

4

(i) Four objects have lengths 6.465 cm, 6.456 cm, 6.546 cm and 6.654 cm. Arrange them in ascending order.

Ans : Ascending: **6.456 < 6.465 < 6.546 < 6.654.**

(ii) Find the total length of all four objects.

Ans : $6.465 + 6.456 + 6.546 + 6.654 = 26.121$ cm.

(iii) Find the difference between the longest and the shortest.

Ans : $6.654 - 6.456 = 0.198$ cm.

(iv) If each object is placed end to end, will they fit in a box of length 26 cm ? Show working.

Ans : Total = 26.121 cm > 26 cm. **No, they will not fit** (exceed by 0.121 cm).