

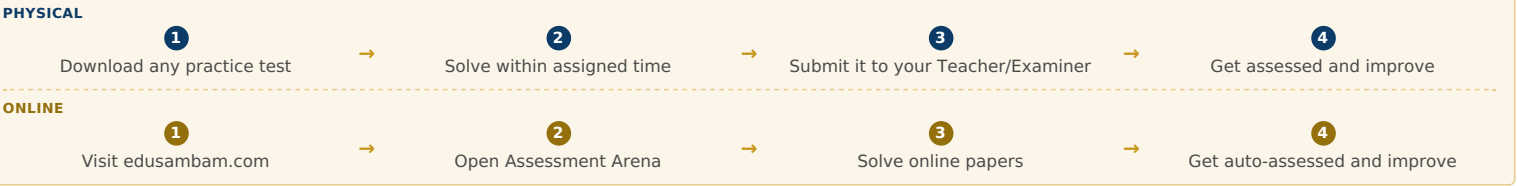
EDUSAMBAM ASSESSMENT SERIES

Measurement

PRINTABLE PRACTICE WORKSHEET

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YOUR PHYSICAL & ONLINE SELF-ASSESSMENT ROADMAP



Candidate Name:		Roll No.:	
Class / Grade:		Date:	
School / Institution:		Test Centre:	

Subject	Mathematics (Maths)	Topic	Measurement	Total Marks	100
Total Questions	45	Time Allowed	1 Hour (60 minutes)	Version	A

GENERAL INSTRUCTIONS

1. Read each question carefully before answering.
2. For Section A and Section B, mark one answer only.
3. For Sections C and E, write your answer clearly in the space provided.
4. For Section D, write the correct letter from Column B against each item in Column A.
5. Do not use correction fluid. Keep all answers clear and legible.
6. This worksheet is prepared from the EDUSAMBAM practice assessment supplied for this paper.

PAPER PATTERN

Section	Questions	Marks Each	Total
Section A — Multiple Choice	15	2	30
Section B — True / False	10	2	20
Section C — Fill in the Blank	10	2	20
Section D — Column Matching	5 pairs	2	10
Section E — Short Answer	5	4	20
Total	45	—	100

Section A — Multiple Choice30 marks

1. Length is commonly measured in units such as:

A. Meters and centimeters

B. Kilograms and grams

C. Liters and milliliters

D. Seconds and minutes

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

2. Mass is commonly measured in units such as:

A. Meters

B. Kilograms and grams

C. Liters

D. Hours

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

3. Capacity (volume of liquid) is commonly measured in units such as:

A. Kilograms

B. Meters

C. Liters and milliliters

D. Degrees

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

4. Time is commonly measured in units such as:

A. Seconds, minutes, and hours

B. Grams and kilograms

C. Meters and centimeters

D. Liters

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

5. Area is measured in:

A. Square units, like square meters

B. Cubic units only

C. Liters

D. Seconds

Answer: ☐A ☐B ☐C ☐D

Intermediate • 2 pts

6. How many centimeters are there in 1 meter?

A. 10

B. 100

C. 1000

D. 1

Answer: ☐A ☐B ☐C ☐D

7. How many grams are there in 1 kilogram?

A. 10

B. 100

C. 1000

D. 10000

Answer: ☐A ☐B ☐C ☐D

8. How many milliliters are there in 1 liter?

A. 10

B. 100

C. 1000

D. 10000

Answer: ☐A ☐B ☐C ☐D

9. How many minutes are there in 1 hour?

A. 30

B. 60

C. 100

D. 120

Answer: ☐A ☐B ☐C ☐D

10. How many seconds are there in 1 minute?

A. 30

B. 60

C. 100

D. 1000

Answer: ☐A ☐B ☐C ☐D

11. The area of a rectangle is calculated by:

A. Length × Width

B. Length + Width

C. Length – Width

D. Length ÷ Width

Answer: ☐A ☐B ☐C ☐D

12. Which of these is an appropriate unit for measuring the length of a pencil?

A. Centimeters

B. Kilograms

C. Liters

D. Hours

Answer: ☐A ☐B ☐C ☐D

13. Which of these is an appropriate unit for measuring the mass of an apple?

A. Meters

B. Grams

C. Liters

D. Seconds

Answer: ☐A ☐B ☐C ☐D

14. Which of these is an appropriate unit for measuring the capacity of a water bottle?

A. Kilograms

B. Meters

C. Milliliters

D. Minutes

Answer: ☐A ☐B ☐C ☐D

15. Converting between units, like meters to centimeters, requires knowing the:

A. Relationship or conversion factor between the units

B. Color of the object

C. Shape of the object

D. Time of day

Answer: ☐A ☐B ☐C ☐D

Section B — True / False

20 marks

16. Length is commonly measured using meters and centimeters.

A. True ☐

B. False ☐

17. Mass is commonly measured using liters and milliliters.

A. True ☐

B. False ☐

18. There are 100 centimeters in 1 meter.

A. True ☐

B. False ☐

19. There are 1000 grams in 1 kilogram.

A. True ☐

B. False ☐

20. There are 100 milliliters in 1 liter.

A. True ☐

B. False ☐

21. There are 60 minutes in 1 hour.

A. True ☐

B. False ☐

22. There are 60 seconds in 1 minute.
A. True ☐ **B.** False ☐

23. Area is measured in square units, like square meters.
A. True ☐ **B.** False ☐

24. The area of a rectangle is found by adding its length and width.
A. True ☐ **B.** False ☐

25. Knowing conversion factors is necessary when converting between units of measurement.
A. True ☐ **B.** False ☐

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Section C — Fill in the Blank

20 marks

26. Length is commonly measured in meters and _____.
Answer: _____

27. Mass is commonly measured in kilograms and _____.
Answer: _____

28. Capacity is commonly measured in liters and _____.
Answer: _____

29. There are 100 _____ in 1 meter.
Answer: _____

30. There are 1000 grams in 1 _____.
Answer: _____

31. There are _____ milliliters in 1 liter.
Answer: _____

32. There are _____ minutes in 1 hour.
Answer: _____

33. The area of a rectangle is calculated as length multiplied by _____.
Answer: _____

34. Area is measured using _____ units, such as square meters.
Answer: _____

35. Converting between units requires knowing the conversion _____ between them.
Answer: _____

Basic · 2 pts

Basic · 2 pts

Basic · 2 pts

Basic · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Section D — Column Matching

10 marks

36-40. Match each term to its correct definition.

Column A	Answer	Column B
Length	_____	A. Measured in liters and milliliters
Mass	_____	B. Measured in seconds, minutes, and hours
Capacity	_____	C. Measured in square units, like square meters
Time	_____	D. Measured in meters and centimeters
Area	_____	E. Measured in kilograms and grams

Section E — Short Answer

20 marks

41. What units would you use to measure the length of a football field?

42. How many centimeters are there in 2 meters, and how do you know?

Advanced · 4 pts

Advanced · 4 pts

43. Explain how to calculate the area of a rectangle.

Advanced · 4 pts

44. Why is it important to use the correct unit when measuring something?

Advanced · 4 pts

45. Give an example of when you would need to convert between units of measurement.

Advanced · 4 pts

Candidate Signature: _____ **Invigilator Signature:** _____

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Marks Obtained: _____ / 100

Checked By: _____

Result / Grade: _____

Date Checked: _____

EDUSAMBAM ASSESSMENT SERIES

Measurement — Answer Key

Teacher reference: equivalent grammatically correct wording is acceptable for open-ended items when the meaning is preserved.

Section A — Multiple Choice

- | | |
|------|-------|
| 1. A | 9. B |
| 2. B | 10. B |
| 3. C | 11. A |
| 4. A | 12. A |
| 5. A | 13. B |
| 6. B | 14. C |
| 7. C | 15. A |
| 8. C | |

Section B — True / False

- | | |
|-----------|-----------|
| 16. True | 21. True |
| 17. False | 22. True |
| 18. True | 23. True |
| 19. True | 24. False |
| 20. False | 25. True |

Section C — Fill in the Blank

- | | |
|-----------------|------------|
| 26. centimeters | 31. 1000 |
| 27. grams | 32. 60 |
| 28. milliliters | 33. width |
| 29. centimeters | 34. square |
| 30. kilogram | 35. factor |

Section D — Column Matching

- | | |
|------------------|--------------|
| 36. Length — D | 39. Time — B |
| 37. Mass — E | 40. Area — C |
| 38. Capacity — A | |

Section E — Short Answer (Model Answers)

- 41.** meter; yard; length unit
- 42.** 200; 100; convert
- 43.** length; width; multiply
- 44.** accurate; correct; appropriate; precise
- 45.** recipe; travel; convert; liter; meter; kilogram