EDUSAMBAM ASSESSMENT SERIES

Mean, Median, Mode & Measurement

PRINTABLE PRACTICE WORKSHEET

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

Subject	Mathematics (Maths)	**Topic**	Mean, Median, Mode & 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 Choice — 30 marks

1. The mean of a set of numbers is calculated by: — Basic · 2 pts

A. Picking the middle number
B. Adding all values and dividing by how many there are
C. Finding the most frequent value
D. Subtracting the smallest from the largest

Answer: ☐ A ☐ B ☐ C ☐ D

2. The median of a set of numbers is: — Basic · 2 pts

A. The average of all values
B. The most frequently occurring value
C. The middle value when arranged in order
D. The largest value minus the smallest

Answer: ☐ A ☐ B ☐ C ☐ D

3. The mode of a data set is: — Basic · 2 pts

A. The middle value
B. The value that appears most often
C. The sum of all values
D. The range of the data

Answer: ☐ A ☐ B ☐ C ☐ D

4. Find the mean of: 4, 6, 8, 10, 12 — Basic · 2 pts

A. 6
B. 8
C. 10
D. 40

Answer: ☐ A ☐ B ☐ C ☐ D

5. Find the median of: 3, 7, 9, 12, 15 — Intermediate · 2 pts

A. 7
B. 9
C. 12
D. 9.2

Answer: ☐ A ☐ B ☐ C ☐ D

6. Find the mode of: 2, 3, 3, 5, 5, 5, 7 — Intermediate · 2 pts

A. 2
B. 3
C. 5
D. 7

Answer: ☐ A ☐ B ☐ C ☐ D

7. Find the median of: 4, 8, 6, 2 (arrange first) — Intermediate · 2 pts

A. 4
B. 5
C. 6
D. 8

Answer: ☐ A ☐ B ☐ C ☐ D

8. The difference between the largest and smallest values in a data set is called the: — Intermediate · 2 pts

A. Mean
B. Mode
C. Median
D. Range

Answer: ☐ A ☐ B ☐ C ☐ D

9. The standard unit for measuring length is the: — Intermediate · 2 pts

A. Gram
B. Litre
C. Metre
D. Second

Answer: ☐ A ☐ B ☐ C ☐ D

10. The standard unit for measuring mass (weight) is the: — Intermediate · 2 pts

A. Metre
B. Gram
C. Litre
D. Kelvin

Answer: ☐ A ☐ B ☐ C ☐ D

11. The standard unit for measuring liquid volume (capacity) is the: — Intermediate · 2 pts

A. Metre
B. Litre
C. Gram
D. Metre²

Answer: ☐ A ☐ B ☐ C ☐ D

12. How many centimetres are in 1 metre? — Advanced · 2 pts

A. 10
B. 100
C. 1000
D. 1

Answer: ☐ A ☐ B ☐ C ☐ D

13. How many millilitres are in 1 litre? — Advanced · 2 pts

A. 10
B. 100
C. 1000
D. 10000

Answer: ☐ A ☐ B ☐ C ☐ D

14. How many grams are in 1 kilogram? — Advanced · 2 pts

A. 10
B. 100
C. 1000
D. 10000

Answer: ☐ A ☐ B ☐ C ☐ D

15. Convert 2.5 metres to centimetres. — Advanced · 2 pts

A. 25 cm
B. 250 cm
C. 2500 cm
D. 0.25 cm

Answer: ☐ A ☐ B ☐ C ☐ D

Section B — True / False — 20 marks

16. The mean is always one of the numbers in the original data set. — Basic · 2 pts

A. True ☐ **B.** False ☐

17. A data set can have more than one mode. — Basic · 2 pts

A. True ☐ **B.** False ☐

18. If a data set has an even number of values, the median is the average of the two middle values. — Basic · 2 pts

A. True ☐ **B.** False ☐

19. The mode is always the smallest value in a data set. — Basic · 2 pts

A. True ☐ **B.** False ☐

20. The mean, median, and mode of a data set are always the same number. — Intermediate · 2 pts

A. True ☐ **B.** False ☐

21. 1 kilometre equals 1000 metres. — Intermediate · 2 pts

A. True ☐ **B.** False ☐

22. 1 kilogram equals 100 grams. Intermediate · 2 pts

A. True ☐ **B.** False ☐

23. A litre and a millilitre measure the same type of quantity (capacity). Intermediate · 2 pts

A. True ☐ **B.** False ☐

24. The metric system is based on units of 10, 100, and 1000. Intermediate · 2 pts

A. True ☐ **B.** False ☐

25. 500 millilitres is half of 1 litre. Intermediate · 2 pts

A. True ☐ **B.** False ☐

Section C — Fill in the Blank — 20 marks

26. To find the mean, you add all the values and divide by the _____ of values. Basic · 2 pts

Answer: _____

27. The _____ is the middle value when data is arranged in order. Basic · 2 pts

Answer: _____

28. The value that occurs most often in a data set is called the _____. Basic · 2 pts

Answer: _____

29. The range is the largest value minus the _____ value. Basic · 2 pts

Answer: _____

30. The mean of 5, 10, 15 is _____. Intermediate · 2 pts

Answer: _____

31. The metric unit used to measure length is the _____. Intermediate · 2 pts

Answer: _____

32. The metric unit used to measure mass is the _____. Intermediate · 2 pts

Answer: _____

33. 1 metre is equal to _____ centimetres. Intermediate · 2 pts

Answer: _____

34. 1 litre is equal to _____ millilitres. Intermediate · 2 pts

Answer: _____

35. The prefix 'kilo' means _____ times the base unit. Intermediate · 2 pts

Answer: _____

Section D — Column Matching — 10 marks

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

Column A	Answer	Column B
Mean	____	**A.** The middle value when data is arranged in order
Median	____	**B.** The value that appears most frequently
Mode	____	**C.** The standard unit for measuring liquid capacity
Metre	____	**D.** The sum of all values divided by how many values there are
Litre	____	**E.** The standard unit for measuring length

Section E — Short Answer — 20 marks

41. Explain the difference between the mean and the median. Advanced · 4 pts

42. Describe the steps to find the median of a data set. Advanced · 4 pts

43. Explain why a data set could have no mode, one mode, or more than one mode. Advanced · 4 pts

44. Explain the relationship between millilitres and litres, including how many millilitres make one litre. Advanced · 4 pts

45. Explain why the metric system is considered easier to convert between units than other measurement systems. Advanced · 4 pts

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

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Marks Obtained: _____ / 100 Checked By: _____

Result / Grade: _____ Date Checked: _____

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Mean, Median, Mode & 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. B
2. C
3. B
4. B
5. B
6. C
7. B
8. D
9. C
10. B
11. B
12. B
13. C
14. C
15. B

Section B — True / False

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

Section C — Fill in the Blank

26. number
27. median
28. mode
29. smallest
30. 10
31. metre
32. gram
33. 100
34. 1000
35. 1000

Section D — Column Matching

36. Mean — D
37. Median — A
38. Mode — B
39. Metre — E
40. Litre — C

Section E — Short Answer (Model Answers)

41. average; middle; add; order

42. arrange; order; middle

43. repeat; frequency; appears

44. 1000; thousand; litre

45. 10; 100; 1000; powers of ten