

**FINAL ANSWER KEY**

Paper: 077 - Weights and Measures Act and Rules Legal Metrology  
Date of Test 04-05-2023

- Question1:-A weight or measure which is duly re-verified and stamped in camp office by an LMO is valid  
A:-all over the country  
B:-within the district  
C:-within the state  
D:-within the taluk  
Correct Answer:- Option-C
- Question2:-Custody of Reference Standards is specified by  
A:-The Legal Metrology (National Standards) Rules, 2011  
B:-The Legal Metrology (General) Rules, 2011  
C:-The Legal Metrology (Packaged Commodities) Rules, 2011  
D:-The Legal Metrology (Numeration) Rules, 2011  
Correct Answer:- Option-A
- Question3:-What is the Hindi numeration corresponding to Billion?  
A:-ARAB  
B:-LAKH  
C:-DAS ARAB  
D:-KHARAB  
Correct Answer:- Option-A
- Question4:-What is the fee to be levied to renew a manufacturing license as per the Kerala Legal Metrology (Enforcement) Rules, 2012?  
A:-Rupees 1000  
B:-Rupees 2000  
C:-Rupees 2500  
D:-Rupees 5000  
Correct Answer:- Option-D
- Question5:-An appeal under section 50 of the Legal Metrology Act, 2009 shall be preferred within a maximum of  
A:-60 days  
B:-30 days  
C:-120 days  
D:-90 days  
Correct Answer:- Option-C
- Question6:-Every Reference Standard Metre Bar shall be verified against the National Standard at least once in  
A:-5 years  
B:-3 years  
C:-2 years  
D:-1 year  
Correct Answer:- Option-A
- Question7:-The base unit of Thermodynamic temperature shall be  
A:-Kelvin  
B:-Fahrenheit  
C:-Celsius  
D:-Rankine  
Correct Answer:- Option-A
- Question8:-Which of the following is not a digital working standard balance  
A:-Capacity = 20 kg, e = 100 mg  
B:-Capacity = 200 g, e = 0.1 mg  
C:-Capacity = 2 kg, e = 1 mg  
D:-Capacity = 50 kg, e = 1 g  
Correct Answer:- Option-C
- Question9:-Every secondary standard balance shall be verified at least once in  
A:-six months  
B:-twelve months  
C:-twenty four months  
D:-none of these  
Correct Answer:- Option-B
- Question10:-As per the Legal Metrology Act, 2009 definition of "person" includes :  
A:-every office  
B:-a company  
C:-a trust constituted under an Act  
D:-all of these  
Correct Answer:- Option-D
- Question11:-Procedure for calibration of vertical oil storage tanks is given in which schedule of the Legal Metrology (General) Rules, 2011?  
A:-Seventh  
B:-Eighth  
C:-Ninth  
D:-Tenth  
Correct Answer:- Option-C
- Question12:-While declaring net content of a packaged commodity, which one of the following is correct?  
A:-1000 g  
B:-2000 ml  
C:-2 dozen  
D:-10 N  
Correct Answer:- Option-D
- Question13:-Which of the following weight or measure shall be re-verified on the completion of a period of twelve months?  
A:-Vehicle Tank  
B:-Beam Scale  
C:-Plastic tape measure  
D:-Conical measure  
Correct Answer:- Option-A
- Question14:-Which section of the Legal Metrology Act, 2009 provides appointment of the Director of Legal Metrology?  
A:-Section 5

B:-Section 6  
C:-Section 13  
D:-Section 14

Correct Answer:- Option-C

Question15:-An application for approval of model shall be made to the

A:-State Government  
B:-Director  
C:-Controller  
D:-Deputy Director, RRSL

Correct Answer:- Option-B

Question16:-No declaration as to the month and year of packing shall be required to be made on a package of

A:-Washing power of 4 kg  
B:-Sugar of 5 kg  
C:-Incense sticks of 100 numbers  
D:-Wood screws of 50 numbers

Correct Answer:- Option-C

Question17:-The Authority of specify custody of Secondary Standards is vested on

A:-Director  
B:-Controller  
C:-Joint Controller  
D:-Deputy Controller (Central Laboratory)

Correct Answer:- Option-B

Question18:-In the Legal Metrology (General) Rules, 2011 specifications for measuring instruments are laid down in

A:-fifth schedule  
B:-sixth schedule  
C:-seventh schedule  
D:-eighth schedule

Correct Answer:- Option-D

Question19:-In the Legal Metrology Act, 2009 nomination of director of a company is provided under

A:-Section 49  
B:-Section 48  
C:-Section 46  
D:-Section 50

Correct Answer:- Option-A

Question20:-Based on the field of application, what is the accuracy class of measuring systems for refueling aircraft?

A:-0.3  
B:-0.5  
C:-1.0  
D:-1.5

Correct Answer:- Option-B

Question21:-Each water meter shall be marked with

A:-Name of manufacturer  
B:-Year of manufacturer  
C:-Direction of flow  
D:-All of these

Correct Answer:- Option-D

Question22:-What is the maximum permissible error specified for a 5 kg working standard weight?

A:-75 mg  
B:-15 mg  
C:-45 mg  
D:-60 mg

Correct Answer:- Option-A

Question23:-Which section of the Legal Metrology Act, 2009 provides appointment of the Controller of Legal Metrology in the state?

A:-Section 12  
B:-Section 13  
C:-Section 14  
D:-Section 56

Correct Answer:- Option-C

Question24:-The maximum nominal length of steel tape measures shall not exceed

A:-10 m  
B:-100 m  
C:-50 m  
D:-200 m

Correct Answer:- Option-D

Question25:-Maximum compounding fee that can be levied under the Legal Metrology Act, 2009 is

A:-10,000  
B:-25,000  
C:-50,000  
D:-1,00,000

Correct Answer:- Option-C

Question26:-What is the maximum permissible error for 10 litre working standard capacity measure?

A:-4 ml  
B:-8 ml  
C:-2 ml  
D:-12 ml

Correct Answer:- Option-B

Question27:-Who among the following is a custodian of Working Standards?

A:-Director  
B:-Controller  
C:-Assistant Controller  
D:-Inspecting Assistant

Correct Answer:- Option-C

Question28:-Class C beam scale with open type pan may be used for

A:-Bullion transaction

- B:-Protection
  - C:-Postal transaction
  - D:-None of these
- Correct Answer:- Option-C

Question29:-Director, in relation to a firm includes

- A:-Honorary Director
- B:-Company Secretary
- C:-Partner
- D:-None of these

Correct Answer:- Option-C

Question30:-The base unit of mass shall be,

- A:-tonne
- B:-milligram
- C:-gram
- D:-kilogram

Correct Answer:- Option-D

Question31:-Power of inspection and seizure is provided under section \_\_\_\_\_ of the Legal Metrology Act, 2009.

- A:-Section 13
- B:-Section 14
- C:-Section 16
- D:-Section 15

Correct Answer:- Option-D

Question32:-The Legal Metrology (Packaged Commodities) Rules, 2011 came into force on

- A:-01.03.2011
- B:-01.04.2011
- C:-01.03.2012
- D:-01.04.2012

Correct Answer:- Option-B

Question33:-Which rule of the Legal Metrology (General) Rules, 2011 specifies qualification of Legal Metrology Officer?

- A:-Rule 27
- B:-Rule 29
- C:-Rule 28
- D:-Rule 14

Correct Answer:- Option-C

Question34:-Out of the following, declaration of net quantity of which commodity may be qualified by the words "when packed"?

- A:-Paint
- B:-Cake
- C:-Camphor
- D:-Milk Cream

Correct Answer:- Option-C

Question35:-The highest denomination of hexagonal iron weight available as per the Legal Metrology (General) Rules, 2011 is

- A:-50 kg
- B:-20 kg
- C:-100 kg
- D:-none of these

Correct Answer:- Option-A

Question36:-Which of the following is not a criteria/parameter for determining the class of a beam scale?

- A:-Sensitivity
- B:-Sensitiveness
- C:-Greatest error
- D:-Maximum capacity

Correct Answer:- Option-D

Question37:-Which section of the Legal Metrology Act, 2009 provides power of State Government to make rules?

- A:-Section 54
- B:-Section 52
- C:-Section 51
- D:-Section 53

Correct Answer:- Option-D

Question38:-What is the maximum permissible error specified for a 2 kg hexagonal iron weight?

- A:-300 mg
- B:-30 mg
- C:-150 mg
- D:-15 mg

Correct Answer:- Option-A

Question39:-Clinical thermometers shall have a range from

- A:-35° to 42°C
- B:-32° to 45°C
- C:-32° to 43°C
- D:-35° to 45°C

Correct Answer:- Option-A

Question40:-Every license issued under the Legal Metrology Act and rules made thereunder shall stand cancelled

- A:-with demise of the licensee
- B:-with dissolution of partnership
- C:-with winding up of incorporation
- D:-all of these

Correct Answer:- Option-D

Question41:-Format for nomination of the director by a company, as per the Legal Metrology Act, 2009 is given in which schedule of the Legal Metrology (General) Rules, 2011?

- A:-Eleventh
- B:-Thirteenth
- C:-Tenth
- D:-Twelfth

Correct Answer:- Option-B

Question42:-How many rules are there in the Kerala Legal Metrology (Enforcement) Rules, 2012?

- A:-24
- B:-26
- C:-25
- D:-27

Correct Answer:- Option-B

Question43:-The characteristic coefficient 'w' of a vehicle is expressed in

- A:-rev/imp
- B:-imp/km
- C:-imp/rev
- D:-km/imp

Correct Answer:- Option-B

Question44:-What is the maximum permissible error for 100 ml Liquor Measures?

- A:-±3 ml
- B:-±2 ml
- C:-±1 ml
- D:-±1.5 ml

Correct Answer:- Option-A

Question45:-Compounding of offences is provided under

- A:-Section 48
- B:-Section 49
- C:-Section 46
- D:-Section 47

Correct Answer:- Option-A

Question46:-For weighments of cheaper commodities like scrap iron, which class of beam scale may be used?

- A:-G
- B:-E
- C:-D
- D:-A

Correct Answer:- Option-C

Question47:-Which section of the Legal Metrology Act, 2009 provides for standard weight, measure or numeral?

- A:-Section 6
- B:-Section 7
- C:-Section 8
- D:-Section 9

Correct Answer:- Option-C

Question48:-The provisions of the Legal Metrology Act, 2009, in so far as they relate to verification and stamping of weights and measures, shall not apply to any weight or measure,

- A:-Used in any factory exclusively engaged in the manufacture of any arms, ammunition or both, for the use of the Armed Forces of the Union
- B:-Used for scientific investigation or for research
- C:-Manufactured exclusively for export
- D:-All of these

Correct Answer:- Option-D

Question49:-As per the Legal Metrology Act, 2009 definition of "sales" includes

- A:-Hypothecation
- B:-Pledge
- C:-Transfer of property
- D:-Mortgage

Correct Answer:- Option-C

Question50:-Which of the following is not a denomination of wooden length measure?

- A:-0.5 m
- B:-1 m
- C:-2 m
- D:-5 m

Correct Answer:- Option-D

Question51:-The maximum permissible error on the length between any two graduation marks on the Working Standard Meter Bar shall be

- A:-50 + (L/20) micrometre
- B:-20 + (L/50) micrometre
- C:-50 (L/20) micrometre
- D:-50 + (L/50) micrometre

Correct Answer:- Option-A

Question52:-The Director of Legal Metrology may compound an offence punishable under

- A:-Section 26
- B:-Section 40
- C:-Section 41
- D:-Section 39

Correct Answer:- Option-D

Question53:-How many section does the Legal Metrology Act, 2009 comprise?

- A:-57
- B:-58
- C:-56
- D:-60

Correct Answer:- Option-A

Question54:-Which of the following inscription is not made on the box containing working standard weights?

- A:-Standard at 20°C
- B:-Year of the manufacture
- C:-Identification number
- D:-Name of the manufacturer

Correct Answer:- Option-A

Question55:-Specifications for CNG measuring system is given in which part of eighth schedule in the Legal Metrology (General) Rules, 2011?

- A:-X
- B:-IX
- C:-XII
- D:-XI

Correct Answer:- Option-B

Question56:-Declaration of net quantity on the package of which of the following commodity shall be made in weight only?

- A:-Wood screws
- B:-Paints
- C:-Nails
- D:-Curd

Correct Answer:- Option-D

Question57:-A person who, or a firm which pre-packs any commodity, whether in any bottle, tin, wrapper or otherwise, in units suitable for sale, whether wholesale or retail is termed as

- A:-Manufacturer
- B:-Importer
- C:-Packer
- D:-Dealer

Correct Answer:- Option-C

Question58:-Out of the following pick out a permitted unit of plane angle

- A:-hour
- B:-day
- C:-minute
- D:-steradian

Correct Answer:- Option-C

Question59:-A consumer who buys packaged commodities directly from the manufacturer or from an importer or from a wholesale dealer for use by that industry is termed as

- A:-Institutional Consumer
- B:-Industrial Consumer
- C:-End Consumer
- D:-None of these

Correct Answer:- Option-B

Question60:-Every person applying for a repair license should have passed at least

- A:-Graduation in Physics
- B:-Metric trade in ITI
- C:-Non metric trade in ITI
- D:-Diploma in Technology

Correct Answer:- Option-B

Question61:-Rule 6(1)(a) of Legal Metrology (Packaged Commodities) Rules, 2011 shall not apply to a package of

- A:-Base Paint of 100 ml
- B:-Shoe polish of 20 g
- C:-Air purifier of 50 m
- D:-Toilet soap of 10 g

Correct Answer:- Option-D

Question62:-Out of the following which one can be used for making declarations on packages as per the Legal Metrology (Packaged Commodities) Rules, 2011?

- A:-Hindi in Devnagri Script
- B:-English
- C:-Tamil
- D:-Both (1) and (2)

Correct Answer:- Option-D

Question63:-What shall be the minimum height of numerals in declarations on packages having its area of principal display panel  $500 \text{ cm}^2$ , as prescribed in Legal Metrology (Packaged Commodities) Rules, 2011?

- A:-2.5 mm
- B:-1 mm
- C:-1.5 mm
- D:-2 mm

Correct Answer:- Option-A

Question64:-An application for renewal of a license to repair a weight or measure is to be made in the form set out in Schedule

- A:-I A
- B:-I B
- C:-II A
- D:-II B

Correct Answer:- Option-D

Question65:-What is the base unit of luminous intensity?

- A:-Candela
- B:-Kelvin
- C:-Lumen
- D:-Watt

Correct Answer:- Option-A

Question66:-Which of the following need not be entered in Stamping fee register as per the Kerala Legal Metrology (Enforcement) Rules, 2012?

- A:-Number in Census Register
- B:-Verification Certificate Number
- C:-Date of Next Verification
- D:-Serial Number of Weight or Measure (if any)

Correct Answer:- Option-D

Question67:-Out of the following what type of punch shall be used by an LMO for obliterating stamps?

- A:-Ten-pointed star
- B:-Six-pointed star
- C:-Eight-pointed star
- D:-None of these

Correct Answer:- Option-C

Question68:-In accordance with Indian Terminology, which of the following is correct?

- A:-12, 34, 56,345, 67
- B:-12, 34, 56.34, 56, 7
- C:-1, 23, 456.345, 67
- D:-1, 23, 456.345, 67

Correct Answer:- Option-C

Question69:-Register of licensed repairers is maintained by the Department in the form set out in Schedule

- A:-II
- B:-III

C:-IV  
D:-V

Correct Answer:- Option-D

Question70:-The numeral '10<sup>5</sup>' shall be written in English words as

A:-Lakh  
B:-Hundred thousand  
C:-Thousand hundred  
D:-Billion

Correct Answer:- Option-B

Question71:-Out of the following, which one is not a permitted "e" value?

A:-3 g  
B:-5 g  
C:-2 g  
D:-1 g

Correct Answer:- Option-A

Question72:-The magnitude of prefix 'giga' is

A:-10<sup>9</sup>  
B:-10<sup>12</sup>  
C:-10<sup>8</sup>  
D:-10<sup>7</sup>

Correct Answer:- Option-A

Question73:-The smallest volume of liquid for which the measurement is metrologically acceptable for that system is known as

A:-Maximum permissible error  
B:-Minimum measured quantity  
C:-Minimum specified volume deviation  
D:-None of these

Correct Answer:- Option-B

Question74:-No declaration as to the retail sale price shall be required to be made on any package containing

A:-Incense sticks  
B:-Bidi  
C:-LPG cylinder of 19 kg  
D:-None of these

Correct Answer:- Option-B

Question75:-Out of the following which standard is not fabricated by Government of India, Mint?

A:-National Standard  
B:-Reference Standard  
C:-Secondary Standard  
D:-Working Standard

Correct Answer:- Option-A

Question76:-During drive by distance for a taximeter, what is the maximum permissible error for the initial distance? (in percentage of true value)

A:-1%  
B:-3%  
C:-4%  
D:-2%

Correct Answer:- Option-D

Question77:-Maximum capacity of a counter machine shall not be greater than

A:-50 kg  
B:-100 kg  
C:-25 kg  
D:-20 kg

Correct Answer:- Option-A

Question78:-Penalty for contravention of Packaged Commodities Rules, 2011 is specified in

A:-Rule 33  
B:-Rule 30  
C:-Rule 32  
D:-Rule 31

Correct Answer:- Option-C

Question79:-The maximum permissible error with respect to the quantity of commodity contained in a package is prescribed in which schedule of Legal Metrology (Packaged Commodities) Rules, 2011?

A:-Schedule IV  
B:-Schedule II  
C:-Schedule III  
D:-Schedule I

Correct Answer:- Option-D

Question80:-The nominal length of a fabric or plastic tape measure is the distance between the initial and terminal graduation lines when the tape measure is stretched under an extension of

A:-50 newton  
B:-30 newton  
C:-20 newton  
D:-25 newton

Correct Answer:- Option-C

Question81:-Bulk meters shall not have a capacity below

A:-150 litre  
B:-500 litre  
C:-200 litre  
D:-100 litre

Correct Answer:- Option-D

Question82:-A viscous commodity can only be sold in units of,

A:-Volume  
B:-Weight  
C:-Volume and coefficient of viscosity  
D:-Volume and area

Correct Answer:- Option-B

Question83:-What is the maximum permissible error in excess or deficiency allowed in the net quantity of packaged commodity of 100 g?

A:-15 g

B:-4.5%  
C:-9%  
D:-3 g

Correct Answer:- Option-B

Question84:-In order to determine the error in net quantity, what is the number of sample packages to be drawn for a lot size of 1500 packages?

A:-80  
B:-32  
C:-125  
D:-50

Correct Answer:- Option-A

Question85:-The highest denomination of cylindrical knob type weight available as per the Legal Metrology (General) Rules, 2011 is

A:-20 kg  
B:-10 kg  
C:-5 kg  
D:-None of these

Correct Answer:- Option-B

Question86:-In Packaged Commodities Rules, provisions applicable to whole-sale packages are given in

A:-Rule 24  
B:-Rule 25  
C:-Rule 26  
D:-None of these

Correct Answer:- Option-A

Question87:-Fee payable for verification and stamping of weights and measures is specified in

A:-Schedule XII  
B:-Schedule XI  
C:-Schedule IX  
D:-Schedule X

Correct Answer:- Option-D

Question88:-In the Legal Metrology (General) Rules, 2011 specifications for measures are laid down in

A:-fifth schedule  
B:-sixth schedule  
C:-seventh schedule  
D:-eighth schedule

Correct Answer:- Option-B

Question89:-Which section of the Legal Metrology Act, 2009 provides verification and stamping of weight or measure by Government Approved Test Centre?

A:-Section 24  
B:-Section 22  
C:-Section 20  
D:-Section 21

Correct Answer:- Option-A

Question90:-Out of the following which cannot be used in a transaction involving precious metal which costs 12,000 rupees per kilogram?

A:-Class A beam scale  
B:-Class B beam scale  
C:-Non automatic weighing instrument of accuracy class III  
D:-Bullion weights

Correct Answer:- Option-C

Question91:-Registration for importer of weight or measure is provided under section \_\_\_\_\_ of the Legal Metrology Act, 2009.

A:-Section 19  
B:-Section 20  
C:-Section 21  
D:-Section 22

Correct Answer:- Option-A

Question92:-The minimum capacity prescribed for an ordinary accuracy class non automatic weighing instrument is

A:-100 e  
B:-10 e  
C:-20 e  
D:-50 e

Correct Answer:- Option-B

Question93:-Working Standard Weights of 20 kg to 1 g are made from which of the following materials?

A:-Admiralty bronze  
B:-Cupro-nickel  
C:-Austenitic stainless steel  
D:-All of these

Correct Answer:- Option-D

Question94:-Maximum overall length of a surveying chain as per the Legal Metrology (General) Rules, 2011 is

A:-20 m  
B:-30 m  
C:-40 m  
D:-None of these

Correct Answer:- Option-B

Question95:-From amongst the eligible candidates, the admission to various courses run by the Indian Institute of Legal Metrology shall be made on the basis of

A:-Qualification  
B:-Age  
C:-Length of experience in the field of Legal Metrology  
D:-None of these

Correct Answer:- Option-C

Question96:-Qualification of Legal Metrology Inspector is prescribed by

A:-State Government  
B:-Central Government  
C:-Director of Legal Metrology  
D:-None of these

Correct Answer:- Option-B

Question97:-What is the penalty for use of non-standard weight or measure?

- A:-Imprisonment upto 3 years
- B:-Fine upto rupees 25,000
- C:-Fine upto rupees 20,000
- D:-None of these

Correct Answer:- Option-B

Question98:-Re-verification period of weight or measure is specified in

- A:-The Kerala Legal Metrology (Enforcement) Rules, 2012
- B:-The Legal Metrology (General) Rules, 2011
- C:-The Legal Metrology (Approval of models) Rules, 2011
- D:-None of these

Correct Answer:- Option-B

Question99:-An e-commerce entity shall ensure that the mandatory declarations as specified in rule 6(1) shall be displayed on the digital and electronic network used for e-commerce transactions, except

- A:-maximum retail price
- B:-name of manufacturer
- C:-month and year in which the commodity is manufactured or packed
- D:-common or generic name of the commodity

Correct Answer:- Option-C

Question100:-What is the maximum permissible error prescribed for 1000 litre proving measure used for calibration of vehicle tanks?

- A:-500 ml
- B:-1000 ml
- C:-2000 ml
- D:-3000 ml

Correct Answer:- Option-B