

PROVISIONAL ANSWER KEY

Paper: Weights and Measures Act and Rules
Date of Test 17-10-2022

Question1:-The Legal Metrology (National Standards) Rules, 2011 came in to force on

- A:-01.04.2010
- B:-01.04.2013
- C:-01.04.2012
- D:-01.04.2011

Correct Answer:- Option-D

Question2:-For a graduated non automatic weighting instrument without auxiliary indicating device,

- A:- $e=d$
- B:- $e>d$
- C:- $e<d$
- D:- $e=10d$

Correct Answer:- Option-A

Question3:-What is the symbol of the SI prefix "deca"

- A:-d
- B:-dc
- C:-de
- D:-da

Correct Answer:- Option-D

Question4:-What is the minimum number of reference wagons required, if the total number of wagons in a test train is 35, to verify an Automatic rail weigh bridge?

- A:-15
- B:-10
- C:-20
- D:-5

Correct Answer:- Option-A

Question5:-A Solid stem type clinical thermometer shall have a range from _____

- A:-30° C to 43° C
- B:-33° C to 45° C
- C:-35° C to 43° C
- D:-35° C to 45° C

Correct Answer:- Option-C

Question6:-As per Legal Metrology Act 2009, the term 'repairer' does not include a person who,

- A:-Adjusts a weight or measure
- B:-Cleans a weight or measure
- C:-Paints a weight or measure
- D:-Transports a weight or measure

Correct Answer:- Option-D

Question7:-The Overall length of Working Standard Meter Bar Shall be

- A:-1030 mm
- B:- (1030 ± 1) mm
- C:- (1010 ± 1) mm
- D:-None of these

Correct Answer:- Option-B

Question8:-A mixture of solid and liquid can only be sold in units of

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

Correct Answer:- Option-C

Question9:-In a measuring system for liquids other than water that part of the meter which displays continuously the measurement results is

- A:-Indicating device
- B:-Ancillary device
- C:-Additional device
- D:-Calculator

Correct Answer:- Option-A

Question10:-An offence punishable under section 32 may be compounded by

- A:-Controller
- B:-Director
- C:-Deputy Controller
- D:-None of these

Correct Answer:- Option-B

Question11:-Which rule of legal metrology (Packaged Commodities) Rules, 2011 provides declaration regarding retail sale price to be made on packages?

- A:-Rule 6(1) d
- B:-Rule 6(1) f
- C:-Rule 6(1) e
- D:-Rule 6(1) g

Correct Answer:- Option-C

Question12:-The certificate of approval of model shall contain,

- A:-Photo of the applicant
- B:-Serial number of the weight or measure
- C:-A brief description of the model
- D:-All of these

Correct Answer:- Option-C

Question13:-In case of packages which are on or at the end of the packing line, the maximum hourly output of packages is termed as

- A:-Lot
- B:-Sample
- C:-Batch
- D:-None

Correct Answer:- Option-A

Question14:-Among the following which is not the capacity prescribed for a digital working standard balance?

- A:-200g
- B:-20g
- C:-2kg
- D:-20kg

Correct Answer:- Option-B

Question15:-Which one of the following is not a mandatory declaration on a taximeter?

- A:-Name and address of the manufacturer
- B:-The characteristics constant 'k'
- C:-Serial number of the taximeter
- D:-The name or symbol of the monetary unit

Correct Answer:- Option-C

Question16:-Which section of the Legal Metrology Act, 2009 provides verification and stamping of weight or measure?

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

Correct Answer:- Option-A

Question17:-Appointment of Legal Metrology Officers in relation to inter-state trade and commerce is provided under _____ of the Legal Metrology Act, 2009

- A:-Section 12
- B:-Section 13
- C:-Section 14
- D:-Section 15

Correct Answer:- Option-B

Question18:-Balance box of a counter machine shall be permanently fixed beneath the

- A:-Weight pan
- B:-Goods pan
- C:-Beam
- D:-None of these

Correct Answer:- Option-A

Question19:-Controller can extend the time period of renewal of a dealer license by

- A:-2 months
- B:-1 month
- C:-4 months
- D:-3 months

Correct Answer:- Option-D

Question20:-Which rule specifies qualification of Legal Metrology Officer?

- A:-Rule 25 of the Kerala Legal Metrology (Enforcement) Rules, 2012
- B:-Rule 28 of the Legal Metrology (General) Rules, 2011
- C:-Rule 25 of the Indian Institute of legal Metrology Rules, 2011
- D:-Rule 27 of the Legal metrology (General) Rules, 2011

Correct Answer:- Option-B

Question21:-A manufacturing licence under the Legal Metrology Act, 2009 is issued by the

- A:-Controller
- B:-Director
- C:-State Government
- D:-None of these

Correct Answer:- Option-A

Question22:-Delegation of powers to controllers and LMOs in the state is provided under _____ of the Legal Metrology Act, 2009

- A:-Section 13(6)
- B:-Section 14(4)
- C:-Section 13(7)
- D:-Section 14(5)

Correct Answer:- Option-C

Question23:-Offences under the Legal Metrology Act, 2009 shall be compounded as provided by

- A:-Section 49
- B:-Section 50
- C:-Section 48
- D:-None of these

Correct Answer:- Option-C

Question24:-What is the base unit of electric current?

- A:-Ampere per metre
- B:-Volt
- C:-Milliampere
- D:-Ampere

Correct Answer:- Option-D

Question25:-For in situ verification of a weight that shall not be moved from its locations, the user of that weight shall report to the LMO at least _____ days in advance of the date, on which the verification falls due?

- A:-30 days
- B:-10 days
- C:-21 days
- D:-60 days

Correct Answer:- Option-A

Question26:-Which of the following provides specification of taxi meters in the legal metrology (General) Rules, 2011?

- A:-Part VIII seventh schedule
- B:-Part VII Eighth schedule
- C:-Part VIII Eighth schedule
- D:-Part VII seventh schedule

Correct Answer:- Option-C

Question27:-Who among the following is a Legal Metrology Officer?

- A:-Controller
- B:-Director
- C:-Joint Controller
- D:-None of these

Correct Answer:- Option-C

Question28:-An appeal shall lie from every decision given by the controller of Legal Metrology under delegated powers of Director of Legal Metrology to the

- A:-Director
- B:-Central Government
- C:-State government
- D:-Joint Director

Correct Answer:- Option-B

Question29:-No declaration as to the month and year in which the commodity is manufactured or pre-packed shall be required to be made on packages of

- A:-LPG Cylinder of 19kg
- B:-Cigarettes
- C:-Incense sticks
- D:-Iron nails 100g

Correct Answer:- Option-C

Question30:-What is the fee to be deposited for testing of a model of a digital type non automatic weighting instrument?

- A:-Rupees 1000
- B:-Rupees 10000
- C:-Rupees 5000
- D:-Rupees 2000

Correct Answer:- Option-B

Question31:-As per legal Metrology Act, 2009 the term 'Person' does not include

- A:-a Hindu undivided family
- B:-an organization constituted by Government
- C:-a Political organization
- D:-a Trust constituted under an Act

Correct Answer:- Option-C

Question32:-Which section of the Legal metrology Act, 2009 provides the power to search for and seize any weight, measure or other goods?

- A:-Section 15(1)
- B:-Section 15(2)
- C:-Section 16(1)
- D:-Section 16(2)

Correct Answer:- Option-A

Question33:-Every license issued to a dealer shall be in the form set out in Schedule

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

Correct Answer:- Option-A

Question34:-What is the Hindi numeration corresponding to Ten Thousand?

- A:-LAKH
- B:-DAS HAZAR
- C:-ARAB
- D:-KHARAB

Correct Answer:- Option-B

Question35:-1 carat =

- A:-100 mg
- B:-200 g
- C:-200 mg
- D:-100 g

Correct Answer:- Option-C

Question36:-Out of the following weights or measure, which one may be verified in situ, without an additional fee?

- A:-A non automatic weighting instrument of maximum capacity 50 kg and accuracy class III
- B:-Beam scale
- C:-Meter for liquids other than water
- D:-Counter machine

Correct Answer:- Option-C

Question37:-Every working 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

Question38:-The provision for Government Approved Test Centre is given by

- A:-Section 23
- B:-Section 22
- C:-Section 25
- D:-Section 24

Correct Answer:- Option-D

Question39:-The smallest volume of liquid for which the measurement is metrologically acceptable for a measuring system is

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

Correct Answer:- Option-A

Question40:-Units of weights and measures are to be based on

- A:-Decimal system
- B:-Metric system
- C:-cgs system
- D:-All of these

Correct Answer:- Option-B

Question41:-Based on the field of application, what is the accuracy class of fuel dispensers for motor vehicles?

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

D:-0.5

Correct Answer:- Option-D

Question42:-The minimum capacity prescribed for a special accuracy class non automatic weighting instrument is

A:-100e

B:-50e

C:-20e

D:-10e

Correct Answer:- Option-A

Question43:-procedure for calibration of vehicle tanks is given in which schedule of the legal Metrology (General) Rules, 2011?

A:-Eighth

B:-Ninth

C:-Seventh

D:-Tenth

Correct Answer:- Option-B

Question44:-Sensitivity figure of a beam scale is expressed in terms of

A:-mg

B:-g

C:-mg/div

D:-none of these

Correct Answer:- Option-C

Question45:-What is the maximum permissible error prescribed under the legal metrology (PC) Rules, 2011 for a domestic LPG cylinder of 14.2kg?

A:-100g

B:-150g

C:-200g

D:-75g

Correct Answer:- Option-B

Question46:-As per the Legal Metrology Act, 2009 definition of 'premises' does not include;

A:-Person

B:-Vehicle

C:-Dwelling House

D:-None of these

Correct Answer:- Option-D

Question47:-What is the maximum permissible error for 20 litre conical measure for verification?

A:-10ml

B:-50ml

C:-25ml

D:-100ml

Correct Answer:- Option-D

Question48:-Pick the wrong one

A:-To repair a weight or measure license is required

B:-To possess a weight or measure for sale, license is required

C:-To repair a weight or measure by its manufacturer, in a state in which it is manufactured, no repair license is required

D:-To repair a weight or measure by its manufacturer, in a state other than in which it is manufactured, no repair license is required

Correct Answer:- Option-C

Question49:-Ability of an instrument to react to small variation of load is

A:-Linearity

B:-Discrimination

C:-Eccentricity

D:-Repeatability

Correct Answer:- Option-B

Question50:-Minimum specified volume deviation of a fuel dispenser is related to

A:-mpe

B:-minimum measured quantity

C:-both (1) and (2)

D:-None of these

Correct Answer:- Option-C

Question51:-Which rule of the legal metrology (packaged Commodities) Rules, 2011 prohibits sale of commodity in packaged form at a price exceeding the retail sale price?

A:-Rule 18(3)

B:-Rule 18(1)

C:-Rule 18(6)

D:-Rule 18(2)

Correct Answer:- Option-D

Question52:-The characteristic constant 'k' of a taximeter is expressed in

A:-rev/km

B:-rev/imp

C:-imp/rev

D:-km/imp

Correct Answer:- Option-A

Question53:-Which section of the Legal Metrology Act, 2009 provides appointment of Controller of legal Metrology?

A:-Section 5

B:-Section 6

C:-Section 13

D:-Section 14

Correct Answer:- Option-D

Question54:-Schedule IX A of the Kerala legal Metrology (Enforcement) Rules 2012 deals with

A:-Verification fee

B:-License fee

C:-Additional fee

D:-User fee

Correct Answer:- Option-D

Question55:-Which rule of Legal Metrology (Packaged Commodities) Rules, 2011 provides "Every package containing soap, Shampoos, tooth pastes and other cosmetics and toiletries shall bear at the top of its principal display panel a red or as the case may be, brown dot for products of non Vegetarian origin and a green dot products of vegetarian origin".

A:-Rule 6(8)

- B:-Rule 6(2)
- C:-Rule 6(7)
- D:-Rule 6(1)

Correct Answer:- Option-A

Question56:-Which of the following schedule in the Legal Metrology (General) Rules provides specification for non-automatic weighting instruments?

- A:-Seven
- B:-Six
- C:-Five
- D:-Four

Correct Answer:- Option-A

Question57:-Of the following which section of the legal Metrology Act, 2009 is not compoundable?

- A:-Section 27
- B:-Section 26
- C:-Section 29
- D:-Section 28

Correct Answer:- Option-B

Question58:-The smallest denomination of parallelepiped iron weight provided under the legal Metrology (General) Rules, 2011 is

- A:-1 kg
- B:-10 kg
- C:-5 kg
- D:-None of these

Correct Answer:- Option-C

Question59:-Suspension of a dealer license on the alleged violation of the legal metrology Act by the license, stand vacated; if the inquiry is not completed within

- A:-One week
- B:-one month
- C:-two months
- D:-three months

Correct Answer:- Option-D

Question60:-How many schedules are there in Kerala legal Metrology (Enforcement) Rules, 2012?

- A:-13
- B:-11
- C:-10
- D:-12

Correct Answer:- Option-D

Question61:-What is the compounding fee prescribed for the use of unverified weight or measure in transaction or protection?

- A:-Rupees 5000
- B:-Rupees 2000
- C:-Rupees 1000
- D:-Rupees 4000

Correct Answer:- Option-B

Question62:-National Prototype of the Kilogram is kept at,

- A:-IILM, Ranchi
- B:-Directorate of Weights and Measures
- C:-NPL, Delhi
- D:-Bureau of Indian Standards, New Delhi

Correct Answer:- Option-C

Question63:-What is the length of a surveying chain as provided in the legal Metrology (General) Rules, 2011?

- A:-20 m
- B:-50 m
- C:-both (1) and (2)
- D:-None of these

Correct Answer:- Option-A

Question64:-As per the Kerala legal Metrology (Enforcement) Rules, 2012, Electric cables may be sold in terms of

- A:-Wight only
- B:-Length only
- C:-Weight or Length
- D:-Weight and length

Correct Answer:- Option-D

Question65:-Which section of the legal Metrology Act, 2009 provides penalty for manufacturing/ packing packaged commodity with error in net quantity

- A:-Section 36(1)
- B:-Section 36(2)
- C:-Section 30(2)
- D:-Section 37(2)

Correct Answer:- Option-B

Question66:-Capacity of a beam scale of class C shall not exceed

- A:-500 kg
- B:-1000 kg
- C:-200 kg
- D:-100 kg

Correct Answer:- Option-B

Question67:-No person shall _____ any weight or measure unless he is registered with the director in such matter and on payment of such fees, as may be prescribed

- A:-import
- B:-export
- C:-manufacture
- D:-repair

Correct Answer:- Option-A

Question68:-The amendment of packaged commodities rules regarding E-commerce came into force on

- A:-01.01.2018
- B:-01.04.2018
- C:-01.07.2017
- D:-None of these

Correct Answer:- Option-A

Question69:-The flow rate which divides the upper and lower regions of the flow range of a water meter is

- A:-nominal flow rate
- B:-maximum flow rate
- C:-transitional flow rate
- D:-minimum flow rate

Correct Answer:- Option-C

Question70:-What is the smallest denomination in conical type liquid capacity measures?

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

Correct Answer:- Option-D

Question71:-Hand operated liquor measure shall not have a denomination of

- A:-60ml
- B:-30ml
- C:-90ml
- D:-100ml

Correct Answer:- Option-C

Question72:-Highest denomination of working standard capacity measure shall be

- A:-1litre
- B:-10 litre
- C:-5 litre
- D:-20 litre

Correct Answer:- Option-B

Question73:-Error in a non automatic weighting instrument is evaluated using the formula

- A:- $1+1/2e-\Delta L-L$
- B:- $1+1/2e-\Delta L$
- C:- $1+1/2e-L$
- D:- $1+1/2e+\Delta L-L$

Correct Answer:- Option-A

Question74:-Which section of the legal Metrology Act, 2009 prohibits exhibiting any price list otherwise than in accordance with standard units of weight, measure or numeration?

- A:-Section 11
- B:-Section 10
- C:-Section 12
- D:-Section 13

Correct Answer:- Option-A

Question75:-Out of the following which one is not a qualification for admission in IILM?

- A:-a degree in physics with chemistry as one of the subjects
- B:-a diploma in computational economics
- C:-a diploma in engineering
- D:-a degree in chemistry with physics as one of the subjects

Correct Answer:- Option-B

Question76:-In order to determine the error in net quantity, what is the number of sample package to be drawn for a lot size of 3000 packages?

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

Correct Answer:- Option-A

Question77:-Out of the following which cannot be used in a transaction involving pearls of cost 12000 rupees per kilogram?

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

Correct Answer:- Option-C

Question78:-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

Question79:-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

Question80:-Under which provision of the Legal Metrology Act, 2009 the Kerala Legal Metrology (Enforcement) Rules, 2012 made?

- A:-Section 52
- B:-Section 53
- C:-Section 54
- D:-Section 55

Correct Answer:- Option-B

Question81:-Which rule of the Legal Metrology (packaged Commodities) Rules, 2011 provides area and size of the principal display panel?

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

Correct Answer:- Option-B

Question82:-'Transaction' means

- A:-any contract whether for sale, purchase, exchange or any other purpose
- B:-any assessment of royalty, toll, duty or other dues
- C:-the assessment of any work done, wages due or services rendered
- D:-all of these

Correct Answer:- Option-D

Question83:-As per the Kerala legal Metrology (Enforcement) Rules, 2012, Granite shall not be sold in terms of

- A:-number
- B:-weight
- C:-area
- D:-volume

Correct Answer:- Option-A

Question84:-Out of the following which one is not a Legal Metrology Officer?

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

Correct Answer:- Option-B

Question85:-What is the penalty for manufacture of weight of measure without license?

- A:-Imprisonment up to 3 years
- B:-Fine up to rupees 25000
- C:-Fine up to rupees 20000
- D:- (1) and (3)

Correct Answer:- Option-C

Question86:-In the Legal Metrology (General) Rules, 2011 specifications for weighting instruments are laid down in

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

Correct Answer:- Option-C

Question87:-The legal Metrology (General) Rules, 2011 contains _____ schedules

- A:-13
- B:-15
- C:-12
- D:-14

Correct Answer:- Option-A

Question88:-Number of verification scale interval for a 50 kg weighting instrument with verification scale interval of 1g, is

- A:-500000
- B:-50000
- C:-5000
- D:-500

Correct Answer:- Option-B

Question89:-Out of the following , which one is not to be declared on a wholesale package?

- A:-The name and address of the manufacturer or importer or where the manufacturer or importer is not the packer, of the packer
- B:-The identity of the commodity contained in the package
- C:-The retail sale price of the package inside it
- D:-The total no. of retail packages contained in such wholesale package

Correct Answer:- Option-C

Question90:-Which among the following does not have a reference standard as per the legal Metrology (General) Rules, 2011?

- A:-Weight
- B:-Metre bar
- C:-Capacity measure
- D:-None of these

Correct Answer:- Option-C

Question91:-Rule 6 of Legal metrology (Packages Commodities) Rules, 2011 does not apply to a package of,

- A:-Cement of 50kg
- B:-Fertilizer of 40g
- C:-Tooth paste of 100g
- D:-Edible oil of 30 litre

Correct Answer:- Option-D

Question92:-What is the maximum permissible error prescribed for 2000 litre proving measure used for calibration of vehicle tanks?

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

Correct Answer:- Option-C

Question93:-A measuring instrument which totalizes continuously and indicates at any moment of the journey the charges payable by the passenger of a public vehicle as a function of the distance travelled is termed as

- A:-Auto Fare meter
- B:-Taxi fare meter
- C:-Odometer
- D:-Taximeter

Correct Answer:- Option-D

Question94:-The smallest denomination of Cylindrical knob type weight available as per the Legal Metrology (General) rules, 2011 is

- A:-1g
- B:-10g
- C:-5g
- D:-None of these

Correct Answer:- Option-A

Question95:-What is the maximum permissible error in excess or deficiency allowed in the net quantity of packaged commodity of 500g?

- A:-15g
- B:-4.5%
- C:-9%
- D:-3g

Correct Answer:- Option-A

Question96:-Zero degree Celsius corresponds to

- A:-273.14 Kelvin
- B:-273.15 Kelvin
- C:-273.01 Kelvin

D:-273.10 Kelvin

Correct Answer:- Option-B

Question97:-The power to specify the local limits of jurisdiction of an Inspector is vested with

A:-Director

B:-Controller

C:-State Government

D:-Deputy Controller

Correct Answer:- Option-C

Question98:-As per the legal Metrology (Enforcement) Rules, 2012, to ensure proper delivery of petrol/diesel through fuel dispensers, which of the following capacity measures shall be kept by the retail dealer of pump

A:-5 litre

B:-20 litre

C:-10 litre

D:-both (1) and (3)

Correct Answer:- Option-D

Question99:-Approval of model may not be required in respect of

A:-Counter machine

B:-Measuring Tape

C:-Beam scale

D:-Water meter

Correct Answer:- Option-C

Question100:-Which rule of the Kerala Legal Metrology (Enforcement) Rules, 2012 mandates a user of weight or measure to exhibit the certificate of verification in the premises?

A:-Rule 23

B:-Rule 22

C:-Rule 25

D:-Rule 24

Correct Answer:- Option-A