

FINAL ANSWER KEY

Paper: Electricity Supply Act - III PAPER
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Question1:-A power plant set up by any association of persons for generating electricity primarily for use of members of such association is known as

- A:-Independent generating plant
- B:-Captive generating plant
- C:-Small generating plant
- D:-Distributed generating plant

Correct Answer:- Option-B

Question2:-A process that simultaneously produces two or more forms of useful energy including electricity is called

- A:-Cogeneration
- B:-Renewable generation
- C:-Self-generation
- D:-Hybrid generation

Correct Answer:- Option-A

Question3:-The high voltage backbone system of inter-connected transmission lines, sub-stations and generating plants

- A:-Transmission system
- B:-Dedicated transmission lines
- C:-Grid
- D:-Power system

Correct Answer:- Option-C

Question4:-The electricity system set-up to generate power and distribute electricity in a specified area without connection to the grid is called

- A:-Independent system
- B:-Substation
- C:-Distribution system
- D:-Stand alone system

Correct Answer:- Option-D

Question5:-Grid standards means the standards specified by the

- A:-CERC
- B:-CEA
- C:-APTEL
- D:-CTU

Correct Answer:- Option-B

Question6:-The National electricity policy is prepared by

- A:-Central government
- B:-Central electricity regulatory commission
- C:-Central electricity authority
- D:-Appellate tribunal

Correct Answer:- Option-A

Question7:-Every person, who has constructed a captive generating plant and maintains and operates such plant, shall have the right to

- A:-Open access
- B:-Trading
- C:-Franchising
- D:-Distribution

Correct Answer:- Option-A

Question8:-License is not required for

- A:-Transmission of electricity
- B:-Distribution of electricity
- C:-Generation of electricity

D:-Trading of electricity

Correct Answer:- Option-C

Question9:-The central transmission utility within _____ after the receipt of the copy of the application for license shall sent its recommendations to the central commission

A:-7 days

B:-15 days

C:-30 days

D:-45 days

Correct Answer:- Option-C

Question10:-Unless revoked, a licence shall continue to be in force for a period of

A:-5 years

B:-10 years

C:-20 years

D:-25 years

Correct Answer:- Option-D

Question11:-Which of the following is not a reason to suspend the license of a distribution licensee?

A:-Persistently failed to maintain uninterrupted supply

B:-Unable to discharge the functions imposed on it

C:-Broken the terms and conditions of licence

D:-Fail to comply the direction of government

Correct Answer:- Option-D

Question12:-The NLDC is constituted for optimum scheduling and despatch of electricity among

A:-RLDCs

B:-SLDCs

C:-CTUs

D:-STUs

Correct Answer:- Option-A

Question13:-The SLDC can be operated by

A:-A state Government company

B:-An authority constituted by any central Act

C:-A corporation established by central Government

D:-None of the above

Correct Answer:- Option-A

Question14:-This of the following is not a function of the central transmission utility

A:-Planning and co-ordination relating to inter-state transmission system with state transmission utilities

B:-Planning and co-ordination relating to inter-state transmission system with state generating companies

C:-Planning and co-ordination relating to intra-state transmission system with authority

D:-Undertake transmission of electricity through inter-state transmission system

Correct Answer:- Option-C

Question15:-If any generating company fails to comply with the directions issued by SLDC, it is liable to pay a penalty not exceeding

A:-Rs. 15 lacs

B:-Rs. 20 lacs

C:-Rs. 5 lacs

D:-Rs. 10 lacs

Correct Answer:- Option-C

Question16:-Any consumer aggrieved by the order of CGRF can approach

A:-Ombudsman

B:-High court

C:-State regulatory commission

D:-Distribution licensee

Correct Answer:- Option-A

Question17:-The standards of performance of a licensee shall be specified by

- A:-Appropriate Government
- B:-Central electricity authority
- C:-Appropriate commission
- D:-Licensee

Correct Answer:- Option-C

Question18:-No person other than a licensee shall transmit electricity in any street at a rate exceeding

- A:-200 W and 110 V
- B:-220 W and 90 V
- C:-230 W and 120 V
- D:-250 W and 100 V

Correct Answer:- Option-D

Question19:-No tariff or part of any tariff may ordinarily be amended more frequently than

- A:-Once in any financial year
- B:-Twice in any financial year
- C:-Once in five years
- D:-Once in three years

Correct Answer:- Option-A

Question20:-The regulatory commission shall accept/reject a tariff petition within _____ from the date of receipt of the application

- A:-120 days
- B:-90 days
- C:-60 days
- D:-30 days

Correct Answer:- Option-A

Question21:-Provisions of Act with the prior approval of

- A:-Appropriate commission
- B:-Appropriate government
- C:-Central electricity authority
- D:-Ombudsman

Correct Answer:- Option-B

Question22:-The central electricity authority shall consist of not more than _____ full-time members

- A:-Fourteen
- B:-Fifteen
- C:-Eight
- D:-Twelve

Correct Answer:- Option-C

Question23:-Which of the following is not a function of CEA?

- A:-Specify safety requirements
- B:-Specify the technical standards
- C:-Specify the conditions of meter installations
- D:-Specify Grid code

Correct Answer:- Option-D

Question24:-The central commission shall consist of

- A:-Chairperson and two other members
- B:-Chairperson and three other members
- C:-Chairperson and four other members
- D:-Chairperson and five other members

Correct Answer:- Option-B

Question25:-The selection committee shall finalise the selection of the member of central commission within _____ on which the reference is made to it

- A:-1 months

B:-2 months

C:-3 months

D:-4 months

Correct Answer:- Option-C

Question26:-Which of the following is not a function of central commission?

A:-Regulate the tariff of central generating companies

B:-Regulate the inter-state transmission of electricity

C:-Adjudicate disputes

D:-Advice central Government

Correct Answer:- Option-D

Question27:-The selection committee to select a member of SERC shall recommend a panel of

A:-1 name

B:-2 names

C:-3 names

D:-4 names

Correct Answer:- Option-B

Question28:-The chairperson or member of SERC shall not hold office after he has attained the age of

A:-60 years

B:-65 years

C:-68 years

D:-70 years

Correct Answer:- Option-B

Question29:-This is a reason to remove a member from the commission

A:-Adjudged an insolvent

B:-Convicted of an offence involving moral turpitude

C:-Guilty of proved misbehaviour

D:-All the above

Correct Answer:- Option-D

Question30:-The state electricity regulatory commission fund shall not be used for meeting

A:-Salary of chairperson and members of the state commission

B:-Expenses of the state commission

C:-Expenses for purposes authorised by the Act

D:-Expenses of the central commission

Correct Answer:- Option-D

Question31:-The central government issue direction to central commission in matters of policy as per

A:-Section 107

B:-Section 108

C:-Section 109

D:-Section 110

Correct Answer:- Option-A

Question32:-Any person aggrieved by the order made by a state Commission can file appeal before

A:-Central electricity authority

B:-Central electricity regulatory commission

C:-Appellate tribunal for electricity

D:-Civil court

Correct Answer:- Option-C

Question33:-This of the following does not come under the purview of unauthorised use of electricity

A:-By any artificial means

B:-Through a tampered meter

C:-Purpose other than for which the usage of electricity was authorised

D:-Without changing the ownership of connection

Correct Answer:- Option-D

Question34:-To file an appeal against an order of assessment under section 126, the appellant shall deposit an amount equal to

A:-Full assessed amount

B:-Half of the assessed amount

C:-One third of the assessed amount

D:-One fourth of the assessed amount

Correct Answer:- Option-B

Question35:-The transfer value of any assets transferred shall be determined based on the

A:-Revenue potential

B:-Market value

C:-Fair value

D:-Book value

Correct Answer:- Option-A

Question36:-The fine for theft of electricity for the first conviction, where the load abstracted does not exceed 10 kW, is

A:-6 times the financial gain

B:-4 times the financial gain

C:-3 times the financial gain

D:-5 times the financial gain

Correct Answer:- Option-C

Question37:-Whoever, negligently breaks, injures, throws down or damages any material connected with the supply of electricity, shall be punishable with fine which may extend to

A:-Rs. 20,000

B:-Rs. 10,000

C:-Rs. 5,000

D:-Rs. 1,000

Correct Answer:- Option-B

Question38:-Compounding rate for Agricultural consumer is

A:-Rs. 20,000 per kW

B:-Rs. 10,000 per kW

C:-Rs. 2,000 per kW

D:-Rs. 4,000 per kW

Correct Answer:- Option-C

Question39:-In the case of any conviction in a summary trial, it shall be lawful for a special court to pass a sentence of imprisonment for a term

A:-Not exceeding 5 years

B:-Not exceeding 4 years

C:-Not exceeding 3 years

D:-Not exceeding 2 years

Correct Answer:- Option-A

Question40:-The appropriate government may, by notification, appoint duly qualified persons to be chief electrical inspector or electrical inspectors as per

A:-Section 161

B:-Section 162

C:-Section 163

D:-Section 164

Correct Answer:- Option-B

Question41:-The chairperson of the forum of regulators shall be the

A:-Chairperson of the central Electricity authority

B:-Chairperson of the appellate tribunal for electricity

C:-Chairperson of the central commission

D:-Chairperson of a state commission

Correct Answer:- Option-C

Question42:-Any rule or regulation made under the Act can have effect even if it is inconsistent with any other provisions of the

A:-Consumer protection Act, 1986

B:-Atomic energy Act, 1962

C:-Railway Act 1989

D:-Indian Electricity Act, 1910

Correct Answer:- Option-D

Question43:-An officer designated by the Government of Kerala under the provisions of section 126 of the Act

A:-Assessing officer

B:-Authorised officer

C:-Electrical inspector

D:-Inspecting officer

Correct Answer:- Option-A

Question44:-The connected load installed by the consumer at the time of executing the service connection agreement and recorded in kW/kVA in the schedule to the agreement is the

A:-Connected load

B:-Contract demand

C:-Contracted connected load

D:-Contracted load

Correct Answer:- Option-C

Question45:-This of the following is not a power intensive unit

A:-HT induction arc furnace

B:-EHT calcium carbide manufacturing

C:-HT electro chemical processes

D:-EHT heating load not exceeding 20% of its total connected load

Correct Answer:- Option-D

Question46:-Supply of electricity given for a specified period is called

A:-Temporary supply

B:-Temporary extension

C:-Protected supply

D:-Short term supply

Correct Answer:- Option-A

Question47:-Extra high tension means a voltage of and above _____ under normal conditions

A:-11000 Volts

B:-22000 Volts

C:-33000 Volts

D:-66000 Volts

Correct Answer:- Option-D

Question48:-The permissible limit of voltage variation at the point of supply in case of LT is

A:-6 percent on lower side

B:-9 percent on lower side

C:-9 percent on higher side

D:-10 percent on higher side

Correct Answer:- Option-A

Question49:-The maximum connected load permissible for LT three phase shall be limited to

A:-150 kVA

B:-100 kVA

C:-75 kVA

D:-50 kVA

Correct Answer:- Option-B

Question50:-Consumers shall install a suitable device for earth leakage protection

- A:-If connected load is above 4 kW
 - B:-If connected load is above 5 kW
 - C:-If connected load is above 10 kW
 - D:-Irrespective of the connected load
- Correct Answer:- Option-D

Question51:-It shall be obligatory for all consumers to restrict the harmonics dumped by them to the levels stipulated by the

- A:-IEEE standard
 - B:-IEE standard
 - C:-IEC standard
 - D:-Indian standard
- Correct Answer:- Option-A

Question52:-If the licensee imposes load shedding in exigencies based on the directions issued by the SLDC, the licensee shall submit a report to commission within

- A:-Two days
 - B:-Three days
 - C:-Five days
 - D:-Seven days
- Correct Answer:- Option-B

Question53:-The expenditure for extension of the distribution system for giving new service connection need not be borne by the respective applicant in case of

- A:-Contract demand of 1 MW
 - B:-High rise building
 - C:-Power intensive units
 - D:-Connection with dedicated feeder
- Correct Answer:- Option-A

Question54:-This of the following is not accepted as the proof of identify of an individual

- A:-Driving licence
 - B:-Ration card
 - C:-PAN card
 - D:-Ownership certificate
- Correct Answer:- Option-D

Question55:-The norm for estimating the connected load of a domestic building is

- A:-600 watts/10 square metre
 - B:-500 watts/10 square metre
 - C:-400 watts/10 square metre
 - D:-300 watts/10 square metre
- Correct Answer:- Option-B

Question56:-If the installation of an LT consumer is not ready to receive the supply even after the work of the licensee is completed, then the licensee shall serve a notice directing him to take supply within

- A:-30 days
 - B:-45 days
 - C:-60 days
 - D:-90 days
- Correct Answer:- Option-C

Question57:-A domestic consumer belonging to BPL category shall not be required to provide security deposits so long as his monthly consumption does not exceed

- A:-Twenty units
 - B:-Thirty units
 - C:-Forty units
 - D:-None of the above
- Correct Answer:- Option-B

Question58:-The date of inspection shall be scheduled within _____ five working days from the date of receipt of application form

- A:-Three working days
- B:-Five working days
- C:-Seven working days
- D:-Ten working days

Correct Answer:-Question Cancelled

Question59:-For HT service connections, the licensee shall issue demand note to the applicant within _____ on receipt of application form

- A:-Seven days
- B:-Ten days
- C:-Fourteen days
- D:-Thirty days

Correct Answer:- Option-D

Question60:-The time limit prescribed for providing LT connection where extension of line is not required is

- A:-Ten days
- B:-Fourteen days
- C:-Thirty days
- D:-Forty five days

Correct Answer:- Option-C

Question61:-Temporary connection shall not ordinarily be granted for a period exceeding

- A:-One month
- B:-Three months
- C:-Six months
- D:-One year

Correct Answer:- Option-D

Question62:-Once the consumer made the remittance, the time limit prescribed for conversion from single phase to three phases is

- A:-Thirty days
- B:-Forty-five days
- C:-Sixty days
- D:-Ninety days

Correct Answer:- Option-B

Question63:-The time limit prescribed for completing the shifting of transformer from the date of payment of expenditure

- A:-Fifteen days
- B:-Thirty days
- C:-Forty days
- D:-Sixty days

Correct Answer:- Option-B

Question64:-The licensee shall issue a notice to an HT consumer directing him to apply for enhancement of contract demand, if the maximum demand recorded exceeds the contract demand for

- A:-Two billing cycle
- B:-Three billing cycle
- C:-Four billing cycle
- D:-Five billing cycle

Correct Answer:- Option-B

Question65:-While estimating the total load of a consumer, the loads of the following equipment and apparatus shall be considered

- A:-Firefighting equipment
- B:-Uninterrupted power supply equipment
- C:-Switch mode power supply system
- D:-Stand by equipment without change over switch

Correct Answer:- Option-D

Question66:-Who of the following is not a member of Electricity Supply Code Review Panel (ESCRP)

- A:-Chief electrical inspector
- B:-Chief executive of the state transmission utility

C:-Trade union representative

D:-Small scale industrial consumer's representative

Correct Answer:- Option-C

Question67:-HVDC means DC voltage above _____ used for transmission of power

A:-100000 Volts

B:-90000 Volts

C:-76500 volts

D:-66000 volts

Correct Answer:- Option-A

Question68:-Linked switch means a switch with all the poles mechanically linked to operate

A:-Intermittently

B:-Frequently

C:-Alternately

D:-Simultaneously

Correct Answer:- Option-D

Question69:-The electrical safety officer shall be an electrical engineering degree holder with at least _____ of experience in operation and maintenance of electrical installations

A:-Ten years

B:-Seven years

C:-Five years

D:-Three years

Correct Answer:- Option-C

Question70:-The owner of every installation shall affix a danger notice permanently in a conspicuous position if the voltage

A:-Exceeds 100 V

B:-Exceeds 150 V

C:-Exceeds 200 V

D:-Exceeds 250 V

Correct Answer:- Option-D

Question71:-Every electrical installation already connected to the supply system of a licensee shall be periodically inspected and tested by an authority directed by the state government at intervals not exceeding

A:-Six years

B:-Three years

C:-Ten years

D:-Five years

Correct Answer:- Option-B

Question72:-On application of 500 V DC between each live conductor and earth for a period of one minute, the insulation resistance of installation and equipment of voltage not exceeding 650 V shall be at least

A:-1 Mega Ohm

B:-2 Mega Ohm

C:-4 Mega Ohm

D:-5 Mega Ohm

Correct Answer:- Option-A

Question73:-Protection against earth fault or leakage shall be required for all generators with rating

A:-25 kVA and above

B:-50 kVA and above

C:-75 kVA and above

D:-100 kVA and above

Correct Answer:- Option-D

Question74:-The minimum factor of safety for stay-wires, guard-wires or bearer-wires based on the ultimate tensile strength of the wire shall be

A:-2.0

B:-3.0

C:-3.5

D:-2.5

Correct Answer:- Option-D

Question75:-No conductor of an overhead line of voltage not exceeding 650 V erected across any street shall at any part there of be at a height less than

A:-5.8 metres

B:-6.1 metres

C:-5.5 metres

D:-6.0 metres

Correct Answer:- Option-A

Question76:-When a 33 kV overhead line passes above or adjacent to any building or part of a building, the vertical clearance above the highest part of the building immediately under such line shall not less than

A:-2.5 metres

B:-3.7 meters

C:-2.0 metres

D:-3.0 metres

Correct Answer:- Option-B

Question77:-Where 110 kV and 220 kV overhead lines cross each other, the minimum clearances between lines shall be

A:-3.05 metres

B:-4.58 metres

C:-5.49 metres

D:-7.94 metres

Correct Answer:- Option-B

Question78:-Electricity shall not be transmitted into a mine at a voltage exceeding

A:-11000 volts

B:-6600 volts

C:-3300 volts

D:-2200 volts

Correct Answer:- Option-A

Question79:-If the capacitor of a consumer is faulty, KSEBL shall issue notice to the consumer directing him to replace the faulty or unserviceable capacitor within

A:-Fifteen days

B:-One month

C:-Two months

D:-Forty five days

Correct Answer:- Option-B

Question80:-Consumers other than those in LT-IV industry and LT-V agriculture category who install specified capacitors shall be eligible for a rebate at the rate of

A:-10 percent on fixed charges

B:-6 percent on energy charges

C:-5 percent on energy charges

D:-5 percent on fixed charges

Correct Answer:- Option-C

Question81:-ToD tariff shall be applicable to LT-IV industrial consumers having connected load above

A:-5 kW

B:-10 kW

C:-20 kW

D:-25 kW

Correct Answer:- Option-C

Question82:-Low voltage surcharge for LT-IV(A) consumers having connected load/contract demand above 100 kW/kVA and availing supply at LT level

A:-Rs. 150/kVA/month

B:-Rs. 175/kVA/month

C:-Rs. 248/kVA/month

D:-Rs. 268/kVA/month

Correct Answer:- Option-A

Question83:-The minimum electricity charges payable during the period of disconnection for a single phase domestic consumer is

A:-Rs. 20/ month

B:-Rs. 30/month

C:-Rs. 50/month

D:-Rs. 80/month

Correct Answer:- Option-B

Question84:-The energy charge applicable to LT. V(B) category is

A:-Rs. 1.50/kWh

B:-Rs. 2.00/kWh

C:-Rs. 2.50/kWh

D:-Rs. 2.90/kWh

Correct Answer:- Option-C

Question85:-LT VI GENERAL (F) tariff is not applicable to

A:-Computer training institutes

B:-Cinema studios

C:-Insurance companies

D:-Press clubs

Correct Answer:- Option-D

Question86:-In campuses where lines and lights are provided by the beneficiary, the energy charge for LT metered supply

A:-3.90 Rs /kWh

B:-4.50 Rs /kWh

C:-4.90 Rs /kWh

D:-5.70 Rs /kWh

Correct Answer:- Option-A

Question87:-For conversion from kVA to kW or vice versa, the average power factor is taken as

A:-0.80

B:-0.85

C:-0.90

D:-0.95

Correct Answer:- Option-C

Question88:-When colony supply is availed from the HT supply of the consumer, such supply shall be segregated and metered by means of a sub-meter and the consumption will be charged at

A:-10 paise extra per kWh

B:-20 paise extra per kWh

C:-30 paise extra per kWh

D:-40 paise extra per kWh

Correct Answer:- Option-B

Question89:-The monthly demand charge applicable to EHT-General-B category is

A:-Rs. 260 / kVA

B:-Rs. 290 / kVA

C:-Rs. 300 / kVA

D:-Rs. 370 / kVA

Correct Answer:- Option-D

Question90:-The power factor incentive applicable to HT and EHT consumers for each 0.01 unit increase in power factor from 0.9 is

A:-0.20 percent of energy charges

B:-0.30 percent of energy charges

C:-0.50 percent of energy charges

D:-1.00 percent of energy charges

Correct Answer:- Option-C

Question91:-SOP-14 is prepared by

A:-Senior superintendent

B:-Meter reader

C:-Senior assistant

D:-Cashier

Correct Answer:- Option-C

Question92:-Which of the following is not a function of stores?

A:-Procurement

B:-Receiving

C:-Inspection

D:-Reporting

Correct Answer:- Option-A

Question93:-A document for recording receipt and inspection of materials received from suppliers

A:-FRN

B:-GRN

C:-MRCI

D:-MASA

Correct Answer:- Option-B

Question94:-Numerical ledger does not give information regarding

A:-Material code

B:-Material description

C:-Date of receipt

D:-Standard rate

Correct Answer:- Option-D

Question95:-MAT-16 form is

A:-RIST

B:-MRCI

C:-ISTN

D:-FRN

Correct Answer:- Option-A

Question96:-This document is the authority for issue of materials from store

A:-MASA

B:-MRCI

C:-PSL

D:-STN

Correct Answer:- Option-B

Question97:-The document used for manufacturing operation

A:-FGRN

B:-FGTN

C:-GRN

D:-ISTN

Correct Answer:- Option-A

Question98:-This is not an objective of SCM

A:-Provide uninterrupted flow of materials

B:-Minimise inventory investment

C:-Maintain and improve quality

D:-Avoid unhealthy competition

Correct Answer:- Option-D

Question99:-This is not a centrally procured item

A:-Conductor

B:-Transformer

C:-LT - CT

D:-Meter

Correct Answer:- Option-C

Question100:-This shall be kept along with the materials in store

A:-Numerical ledger

B:-Priced stores ledger

C:-Bin card

D:-Material issue register

Correct Answer:- Option-C