

**FINAL ANSWER KEY**

Paper: The Kerala PWD Manual  
Date of Test 01-11-2020

Question1:-Structural designs and drawings shall be carried out before the preparation of detailed estimate for A.S. for works costing more than Rs.\_\_\_\_\_

- A:-2 crores
- B:-1 crore
- C:-3 crores
- D:-5 crores

Correct Answer:- Option-A

Question2:-The defect liability period of the work of providing Retro reflective sign boards and direction boards is \_\_\_\_\_ months.

- A:-36
- B:-18
- C:-24
- D:-12

Correct Answer:- Option-A

Question3:-How many months in the normal course, the firm period of a tender, ie, the period from the date of opening of tender to the date of acceptance of tender issued in writing to the bidder

- A:-3
- B:-2
- C:-1
- D:-6

Correct Answer:- Option-B

Question4:-Amount of maximum fine is to be levied if the agreement is not executed within 10 days after the notified period of 14 days.

- A:-Rs.10,000
- B:-Rs.15,000
- C:-Rs.50,000
- D:-Rs.25,000

Correct Answer:- Option-D

Question5:-Assistant Executive Engineer is to super check \_\_\_\_\_% of concealed items of work which check measured by Assistant Engineer.

- A:-10
- B:-25
- C:-75
- D:-50

Correct Answer:- Option-D

Question6:-EMD (Bid Security) of selected bidder will be released:

- A:-After he furnishes performance Security Deposit
- B:-After he executes the agreement
- C:-After the acceptance of tender
- D:-After he furnishes performance Security Deposit and duly entered into the agreement

Correct Answer:- Option-D

Question7:-Who facilitate preparation of Land Acquisition plan in co-ordination with Revenue Department

- A:-Chief Engineer
- B:-Superintending Engineer
- C:-Executive Engineer
- D:-Assistant Executive Engineer

Correct Answer:- Option-C

Question8:-Application for the release of performance security deposit is to be made in the form of Appendix

- A:-2000 E
- B:-2900 A
- C:-2000 D
- D:-2900 D

Correct Answer:- Option-C

Question9:-What is RAP?

- A:-Road Action Plan
- B:-Resettlement Action Plan
- C:-Resettlement Assessment Plan
- D:-Resettlement Annual Plan

Correct Answer:- Option-B

Question10:-The validity of accreditation of government agencies for the execution of public works is \_\_\_\_\_ years.

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

Correct Answer:- Option-D

Question11:-The professional head and Technical advisor to Government for Buildings branch is

- A:-Chief Engineer (Administration)
- B:-Chief Engineer (Buildings)
- C:-Chief Technical Examiner
- D:-Chief Architect

Correct Answer:- Option-B

Question12:-The Remedial measures required to rectify the defects mentioned in the inspection report of quality control cell is to be suggested by

- A:-CE (A and D)
- B:-SE
- C:-EE
- D:-Deputy Chief Engineer (Vigilance)

Correct Answer:- Option-B

Question13:-The environment an social cell shall have to vet major projects costing above Rs.

- A:-10 crores
- B:-25 crores
- C:-15 crores
- D:-50 crores

Correct Answer:- Option-C

- Question14:-Maximum amount of EMD to be collected for works costing above Rs.10 crores  
A:-Rs. 5 lakhs  
B:-Rs.2 lakhs  
C:-Rs.1 lakh  
D:-Rs. 50,000  
Correct Answer:- Option-A
- Question15:-Who will hold the charge of Division office in the absence of Executive Engineer?  
A:-Divisional Accounts Officer  
B:-Senior Superintendent  
C:-Deputy Executive Engineer  
D:-Assistant Engineer (works)  
Correct Answer:- Option-C
- Question16:-Registration fee to be remitted by a registered contractor for upgrading his category of registration of 'C' class is \_\_\_\_\_  
A:-Rs. 2,000  
B:-Rs.1,000  
C:-Rs.1,500  
D:-Rs.2,500  
Correct Answer:- Option-A
- Question17:-Who is the nodal officer to implement GIS and RMMS in road management  
A:-Executive Engineer (IT)  
B:-Executive Engineer (planning)  
C:-Executive Engineer HRD  
D:-Chief Engineer (roads)  
Correct Answer:- Option-A
- Question18:-'B' category Electrical contractors are qualified to tender works costing up to  
A:-55 lakhs  
B:-25 lakhs  
C:-20 lakhs  
D:-Unlimited  
Correct Answer:- Option-B
- Question19:-Chief Engineer is authorised to arrange work on quotation basis during emergent situations subject to budget provision with in an manual ceiling to \_\_\_\_\_ times to the existing financial powers.  
A:-100  
B:-50  
C:-25  
D:-10  
Correct Answer:- Option-B
- Question20:-What is PRICE software?  
A:-Project Implementation and Cost Estimation  
B:-Project Information and Cost Engineering  
C:-Project Information by Chief Engineer  
D:-Project Information and cost Estimation  
Correct Answer:- Option-D
- Question21:-Tender fee in respect of bids that are cancelled due to no fault of the bidder shall be:  
A:-Forfeited to government  
B:-Refunded to the bidder  
C:-Keep in the account for adjustment in future tender  
D:-None of the above  
Correct Answer:- Option-B
- Question22:-Chief Engineer is empowered to issue Technical sanction up to Rs \_\_\_\_\_ Crore.  
A:-Unlimited  
B:-2  
C:-10  
D:-5  
Correct Answer:- Option-A
- Question23:-All tender for amounts Rs.5 lakhs and above shall be procured through the \_\_\_\_\_ system.  
A:-Open tender  
B:-Competitive quotation  
C:-Electronic procurement  
D:-None of these  
Correct Answer:- Option-C
- Question24:-All works having estimate cost exceeding Rs.5 lakhs shall be tendered on \_\_\_\_\_ basis.  
A:-Percentage rate  
B:-Lumpsum amount  
C:-Item rate  
D:-None of these  
Correct Answer:- Option-C
- Question25:-The cost of tender forms/fees for works costing between Rs.10 lakhs to Rs.1 crore is Rs.  
A:-3,000  
B:-2,000  
C:-1,500  
D:-2,500  
Correct Answer:- Option-D
- Question26:-Who is authorised to take and record measurements of work up to the T.S. power of Assistant Engineer?  
A:-Third grade overseer  
B:-Second grade overseer  
C:-First grade overseer  
D:-All category of overseers  
Correct Answer:- Option-D
- Question27:-MORTH data as per IRC guidelines shall be adopted for estimate of \_\_\_\_\_ works.  
A:-Buildings  
B:-Roads and Bridges  
C:-Buildings and roads  
D:-Roads

Correct Answer:- Option-D

Question28:-What is RMMS?

- A:-Road Materials Management system
- B:-Road Materials Maintenance System
- C:-Road Maintenance Management System
- D:-Road Marking Maintenance System

Correct Answer:- Option-C

Question29:-EIA stands for

- A:-Environmental Investigation Assessment
- B:-Environmental Integrity Assessment
- C:-Environmental Impact Assessment
- D:-Environmental Information Assessment

Correct Answer:- Option-C

Question30:-Which cell in the office of CE (A and D) shall collect the road maintenance requirements and include fund requirement in the annual budget as a planned item?

- A:-HRD Cell
- B:-RMMS Cell
- C:-IT Cell
- D:-RIMS

Correct Answer:- Option-B

Question31:-What is the name of state department dealing with Environmental matters?

- A:-KSPCB
- B:-Department of science, Technology and Environment
- C:-Forest Department
- D:-Health Department

Correct Answer:- Option-B

Question32:-Promotion to the Post of AEE and AA shall be done based on the select list prepared by

- A:-DPC - Higher and notification issued by Government
- B:-DPC - Lower and notification issued by Government
- C:-DPC - Higher and orders issued by CE (A and D)
- D:-DPC - Lower and orders issued by CE (A and D)

Correct Answer:- Option-A

Question33:-The methods of prequalification and postqualification bidding are being adopted for the works having amount above the T.S. powers of

- A:-Executive Engineer
- B:-Superintending Engineer
- C:-Assistance Executive Engineer
- D:-Assistant Engineer

Correct Answer:- Option-B

Question34:-Assistant Executive Engineer shall inspect all the Buildings/Structures under his control \_\_\_\_ a year.

- A:-Once
- B:-Twice
- C:-Thrice
- D:-Four times

Correct Answer:- Option-A

Question35:-How many percentage of amount of kerala motor vehicles tax collected in the previous year shall contribute to KRFB.

- A:-10%
- B:-8%
- C:-5%
- D:-15%

Correct Answer:- Option-A

Question36:-The estimate for \_\_\_\_ shall be prepared based on relevant Is codes, NBC 2005 and KMB rules.

- A:-Bridges
- B:-Buildings
- C:-Roads
- D:-Culverts

Correct Answer:- Option-B

Question37:-For settlement of centrally sponsored claims and adjustment of inter departmental state accounts, chief Engineer has to obtain remarks of the

- A:-Senior Finance Officer
- B:-Administrative Assistant
- C:-Deputy chief Engineer Administration
- D:-Deputy chief Engineer (Vigilance)

Correct Answer:- Option-A

Question38:-The estimate for the additional works consequent on the development or extension of a project or work under execution which not found fairly contingent in the original estimate is called

- A:-Revised estimate
- B:-Recast estimate
- C:-Deviation estimate
- D:-Supplementary estimate

Correct Answer:- Option-D

Question39:-The main information sharing platform of PWD is

- A:-WINGS
- B:-RIMS
- C:-MIS
- D:-FMS

Correct Answer:- Option-A

Question40:-Which is the nodal agency of Central Government for the planning, promotion, co-ordination and overseeing the environmental programmes?

- A:-CPCB
- B:-KSPCB
- C:-NICMAR
- D:-MOEF

Correct Answer:- Option-D

Question41:-Who is responsible for the establishment matters including transfer and posting of non-gazetted ministerial staff of PWD?

- A:-Deputy Chief Engineer (Administration)

- B:-Administrative Assistant (Ministerial)
- C:-Administrative Officer
- D:-Administrative Assistant (General)

Correct Answer:- Option-C

Question42:-What is EMP?

- A:-Environmental Management Plan
- B:-Effective Management Plan
- C:-Engineering Management Project
- D:-None of these

Correct Answer:- Option-A

Question43:-The power for reappropriation/modification on allotted funds in respect of NH vests with

- A:-State Government
- B:-Chief Engineer (NH)
- C:-Government of India
- D:-Secretary Finance

Correct Answer:- Option-C

Question44:-If the site of bridge is predetermined due to other reasons, then the detailed investigation can be conducted straight away without \_\_\_\_\_ investigation.

- A:-Secondary
- B:-Aerial
- C:-Preliminary
- D:-None of the above

Correct Answer:- Option-C

Question45:-The excess expenditure on account of higher compensation for L.A. for N.H. works in satisfaction of court decree is a \_\_\_\_\_ item as far as State Government is concerned.

- A:-Voted
- B:-Charged
- C:-Budgeted
- D:-Contingent

Correct Answer:- Option-B

Question46:-Who is authorised to approve the site of any Government Building?

- A:-Government
- B:-LSGD
- C:-Chief Engineer and Superintending Engineer
- D:-Chief Architect and Chief Engineer Buildings

Correct Answer:- Option-D

Question47:-Who controls the district road safety wing?

- A:-Executive Engineer, Roads
- B:-District police Chief
- C:-District Judge
- D:-District collector

Correct Answer:- Option-D

Question48:-Data for unit rate of items which included in the estimate but not included in the SOR can be prepared based on

- A:-Lumpsum provision issuing authority
- B:-Amount fixed by T.S.issuing authority
- C:-Market rate
- D:-Amount fixed by Government

Correct Answer:- Option-C

Question49:-Which cell in PWD is co-ordinating the road safety activities including road safety audits, identification of black spots collaboration with kerala road safety authority etc.

- A:-RMMS central cell
- B:-IT cell
- C:-Central road safety cell
- D:-PWD GIS cell

Correct Answer:- Option-C

Question50:-The expenditure of works in Raj Bhavan, Thiruvananthapuram is a \_\_\_\_\_ one.

- A:-Charged
- B:-Voted
- C:-Contingent
- D:-Budgetted

Correct Answer:- Option-A

Question51:-What is the usual width of bus bays that are provided in Highways to ensure that the other vehicles in the stream are not obstructed:

- A:-Double lane
- B:-Half lane
- C:-Single lane
- D:-Full lane

Correct Answer:- Option-C

Question52:-The width of culvert shall be equal to the

- A:-Formation width of the road
- B:-Land width of the road
- C:-Single lane width of the road
- D:-Double lane width of the road

Correct Answer:- Option-A

Question53:-A lumpsum contract of all ordinary maintenance irrespective of the amount - required to keep road or buildings safe and defect free and the contractor is paid with monthly/quarterly premium amount is known as

- A:-Lumpsum contract
- B:-Percentage rate contract
- C:-Piece work contract
- D:-Performance based maintenance contract

Correct Answer:- Option-D

Question54:-The financial powers of SE (Electrical) can be exercised by \_\_\_\_\_ in respect of Electronic works.

- A:-EE (Electronics)
- B:-EE (Buildings)
- C:-EE (IT)
- D:-EE (Electrical)

Correct Answer:- Option-A

Question55:-Time of completion of a work shall be reckoned from the date of

- A:-Agreement
- B:-Handing over the site
- C:-Selection notice
- D:-Bid approval

Correct Answer:- Option-B

Question56:-The length of pre-cast concrete piles shall not normally exceed \_\_\_\_ meters.

- A:-10
- B:-15
- C:-20
- D:-25

Correct Answer:- Option-D

Question57:-Major R.C.C. works except for lintels, sunshade etc, of a work having T.S. amount beyond the powers of Assistant Engineer shall be carried out only in the presence of

- A:-Assistant Executive Engineer
- B:-Executive Engineer
- C:-Superintending Engineer
- D:-Chief Engineer

Correct Answer:- Option-A

Question58:-The following work can be arranged subject to availability of fund without AS

- A:-Deposit Work
- B:-NH work
- C:-Original work
- D:-Ordinary repair work and maintenance

Correct Answer:- Option-D

Question59:-Relevant IRC code for Guidelines for pedestrian facilities.

- A:-IRC : 103-1988
- B:-IRC : 99-1988
- C:-IRC : 58-2002
- D:-IRC : 98-1997

Correct Answer:- Option-A

Question60:-T.S. of original works which financed by Government of India partly or wholly can be issued with the prior approval of

- A:-MORTH
- B:-Secretary state PWD
- C:-CTE
- D:-None of the above

Correct Answer:- Option-A

Question61:-The date of last measurement taken by the Assistant Engineer on Completion of a work will be treated as

- A:-Date of completion of a work
- B:-Date of the bill
- C:-Date of execution of supplement agreement
- D:-Date of ending of contract

Correct Answer:- Option-A

Question62:-Prequalification of tender shall be followed for works costing above Rs.

- A:-2 crores
- B:-3 crores
- C:-5 crores
- D:-10 crores

Correct Answer:- Option-C

Question63:-The important roads of a state linking district head quarters and important cities within the state and connecting them with NH to the neighbouring state are classified as

- A:-NH
- B:-SH
- C:-MDR
- D:-Express ways

Correct Answer:- Option-B

Question64:-Bitumen required for the work shall be issued from the departmental supply for works costing upto Rs. \_\_\_\_ lakh.

- A:-75
- B:-50
- C:-100
- D:-90

Correct Answer:- Option-C

Question65:-The extension of time of completion of a work that can be granted at a time shall not exceed \_\_\_\_% of original time or six months whichever is less.

- A:-50
- B:-25
- C:-10
- D:-5

Correct Answer:- Option-B

Question66:-The condition regarding the payment of EMD shall be waived in the case of

- A:-Item rate contract
- B:-Percentage rate contract
- C:-Performance based maintenance contract
- D:-Piece work contract

Correct Answer:- Option-D

Question67:-Final bill of a work will be paid only after the completion is certified by which authority?

- A:-Chief technical examiner
- B:-Chief Engineer
- C:-TS issuing authority
- D:-AS issuing Authority

Correct Answer:- Option-C

Question68:-Price variation clause as per norms of CPWD shall be adopted for State Government works in case of works having period of completion exceeding \_\_\_\_ months.

- A:-6

- B:-12
- C:-18
- D:-15

Correct Answer:- Option-C

Question69:-'C' category registration of contractors for Electrical works shall be issued by

- A:-EE (Electrical)
- B:-AEE (Electrical)
- C:-SE (Electrical)
- D:-EE (Buildings)

Correct Answer:- Option-B

Question70:-Termination of a contract can be revoked by the agreement authority as per the request of the contractor to complete the balance work on depositing performance guarantee \_\_\_\_% of balance work.

- A:-10
- B:-20
- C:-25
- D:-30

Correct Answer:- Option-D

Question71:-Competent authority to approve the deviation in the foundation of a work is

- A:-Executive Engineer
- B:-T.S. issuing authority
- C:-Agreement authority
- D:-Assistant Executive Engineer

Correct Answer:- Option-B

Question72:-Over shall be responsible for the maintenance and safe custody of work spot order book in the form appendix 2100 B at site of work exceeding T.S. powers of

- A:-Assistant Engineer
- B:-Executive Engineer
- C:-Chief Engineer
- D:-Assistant Executive Engineer

Correct Answer:-**Question Cancelled**

Question73:-Who is custodian of original agreement in the division office executed in the circle office for circle level works.

- A:-Divisional Accounts Officer
- B:-Deputy Executive Engineer
- C:-Assistant Engineer works
- D:-Junior superintendent

Correct Answer:- Option-A

Question74:-If tape measurements are taken for earth work. Which require level calculation for making interim payment, a deduction of \_\_\_\_% shall be made in the quantity for payment.

- A:-10
- B:-5
- C:-15
- D:-1

Correct Answer:- Option-A

Question75:-Tender Excess limit that can be allowed to quotation works waiving of tender call is

- A:-estimate rate
- B:-10% above
- C:-5% above
- D:-estimated cost based on the market rate

Correct Answer:- Option-D

Question76:-Assistant Engineer is competent for rent fixation and issue of rent certificate of private buildings upto Rs. \_\_\_\_ per month.

- A:-10,000
- B:-5,000
- C:-3,000
- D:-4,000

Correct Answer:- Option-B

Question77:-Who among the following persons are not eligible for allotment of government quarters?

- A:-Officers of State Government
- B:-Officers who do not have own accommodation at the place of duty
- C:-Personal staff of ministers
- D:-Officers who are not paid from the consolidated fund of the state government

Correct Answer:- Option-D

Question78:-Monthly rate payable by the occupant of government quarters is \_\_\_\_% of basic pay.

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

Correct Answer:- Option-C

Question79:-The temperature of mix for bitumin macadam at the time of laying at site will be between \_\_\_\_ degrees.

- A:-130-160
- B:-120-160
- C:-150-163
- D:-155-163

Correct Answer:- Option-B

Question80:-Competent authority to fix the annual maintenance grant of each government building is

- A:-Executive Engineer Buildings
- B:-Chief Engineer Buildings
- C:-Superintending Engineer Buildings
- D:-Secretary PWD

Correct Answer:- Option-B

Question81:-The period of occupation of rooms in PWD Rest Houses by general public normally at a stretch is limited to \_\_\_\_ days.

- A:-7
- B:-3
- C:-14
- D:-21

Correct Answer:- Option-B

Question82:-Estate officer for all government Buildings is

- A:-Assistant Executive Engineer Buildings
- B:-Superintending Engineer Buildings
- C:-Chief Engineer Buildings
- D:-Executive Engineer Buildings

Correct Answer:- Option-D

Question83:-Retired government employees of the state are eligible for accomodation at PWD Rest Houses on production of copy of ID card/ Pension book at the concession rate of \_\_\_\_\_ % of normal rent.

- A:-50
- B:-40
- C:-60
- D:-25

Correct Answer:- Option-C

Question84:-Assistant Engineer shall inspect all culverts and bridges of span less than 30m on intervals of

- A:-Thrice in a year
- B:-Once in a year
- C:-Twice in a year
- D:-Once in two years

Correct Answer:- Option-B

Question85:-Proposals involving post creation/hiring of temporary staff/ purchase of vehicles should be approved by

- A:-Counsel of ministers
- B:-Administrative Department
- C:-Departmental working group
- D:-Special working group

Correct Answer:- Option-A

Question86:-\_\_\_\_\_ sanction of state government is not required for the implementation of 100% funded central sector schemes through state government department/agencies

- A:-Administrative
- B:-Technical
- C:-Financial
- D:-Environmental

Correct Answer:- Option-A

Question87:-If the cost of work increaser due to major structural alterations and with in 10% over the AS then the supplementary agreement shall be executed after duly sanctioned the revised estimate and obtaining

- A:-Revised AS and revised TS
- B:-Revised AS from competant authority
- C:-Revised TS from competant authority
- D:-Required fund

Correct Answer:- Option-C

Question88:-Established and Experienced forms which satisfy the conditions in bidding document can participate in bidding process of \_\_\_\_\_ projects eventhough they have no valid registration in PWD.

- A:-'TURNKEY projects' bidding
- B:-Lumpsum contract
- C:-Item rate contract
- D:-Percentage rate contract

Correct Answer:- Option-A

Question89:-Payment of bills can be made without detailed scrutiny to a maximum of \_\_\_\_\_% of the bill amount.

- A:-50
- B:-75
- C:-90
- D:-60

Correct Answer:- Option-B

Question90:-The numbering of avenue trees shall be checked and renumbered

- A:-Every year
- B:-Once in every two years
- C:-Once in every five years
- D:-Once in every four years

Correct Answer:- Option-C

Question91:-Ordinary cement washing to government buildings shall be done in

- A:-Every year
- B:-Every two years
- C:-Every six months
- D:-Every three years

Correct Answer:- Option-A

Question92:-What is the spray rate of bitumen for tack coat for bituminess works in normal surface?

- A:-3.5 to 4 kg/10`m<sup>2</sup>`
- B:-2.5 to 3 kg/10`m<sup>2</sup>`
- C:-2 to 2.50 kg/10`m<sup>2</sup>`
- D:-3 to 3.5 kg/10`m<sup>2</sup>`

Correct Answer:- Option-C

Question93:-The frequency period of painting km stones, HM stones, boundary stones is \_\_\_\_\_ in the year.

- A:-Once
- B:-Monthly
- C:-Bimonthly
- D:-Twice

Correct Answer:- Option-A

Question94:-The daily rent of A/C room in class II Rest House of PWD is Rs.

- A:-450
- B:-500
- C:-300
- D:-400

Correct Answer:- Option-D

Question95:-The money collected at Rest Houses shall be handed over to the custodian officer in every

- A:-Every day
- B:-Every 7 days

C:-Once in a month

D:-Every 2 weeks

Correct Answer:- Option-D

Question96:-The periodicity of renewal of bituminous roads using chipping carpet is \_\_\_\_ years.

A:-2

B:-3

C:-4

D:-7

Correct Answer:- Option-B

Question97:-Replacing of electric bulb, tube, fans when they are getting damaged in a government building is the responsibility of

A:-Assistant Engineer Buildings

B:-LSGD

C:-Occupant department

D:-District collector

Correct Answer:- Option-C

Question98:-Agreed rate of an item is applicable to the excess quantity in that item up to \_\_\_\_%

A:-30

B:-20

C:-25

D:-15

Correct Answer:- Option-C

Question99:-Conference halls attached to PWD Rest Houses shall be reserved for departments other than PWD based on the request of the district officer at concessional rate of \_\_\_\_% of the normal rent.

A:-60

B:-20

C:-50

D:-40

Correct Answer:- Option-D

Question100:-The class III rest houses of PWD has the facilities of

A:-Having 5 or more number of rooms

B:-Having 6 or more number of rooms

C:-Having 10 or more number of rooms

D:-Having 5 or lesser number of rooms

Correct Answer:- Option-D