## PROVISIONAL ANSWER KEY

Paper: The Kerala PWD Manual Date of Test 17-03-2022 Question1:-Who controls the emergency measures in Disaster Management? A:-Chief Engineer (Administration) **B:-Chief Engineer (Buildings)** C:-Executive Engineer D:-District Collector Correct Answer:- Option-D Question2:-Whose responsibility is to see that as far as possible the rest houses are not occupied without valid Reservations? A:-The Assistant Engineer of the Building Section B:-The Assistant Executive Engineer of the Building Sub Division C:-The Executive Engineer of the Building Division D:-The Manager of the Rest House Correct Answer:- Option-A stion3:-\_\_\_\_\_\_\_\_ is the Estate officer of all Government Buildings A:-Executive Engineer (Buildings Division) B:-Assistant Executive Engineer (Buildings Sub Division) C:-Assistant Engineer (Building Section) Ouestion3:-D:-Chief Engineer, Buildings Correct Answer:- Option-A Question4:-In case of Deposit works for private parties centage at \_\_\_\_\_\_ shall be got deposited before preparation of the estimate. A:-2.5% B:-5% C:-12.5% D:-16% Correct Answer:- Option-A Question5:-Availability of funds shall be ensured before issue of A:-Administrative Sanction **B:-Technical Sanction C:-Financial Sanction** D:-Budget Sanction Correct Answer:- Option-A Question6:-The amount of TS for work shall not exceed the amount of AS by more than A:-5% B:-10% C:-15% D:-20% Correct Answer:- Option-C Question7: The rates accepted shall be remain firm A:-During the contract period B:-Till the completion of the work C:-For 1 year D:-For 18 months Correct Answer:- Option-A Question8:-The date of completion of the work is the date A:-Date of last measurement taken B:-Actual date of completion of the work C:-Time of completion as per the Agreement D:-Completion date as reported by the contractor Correct Answer:- Option-A Question9:-Implementation of Road and Safety works shall be done through the A:-Regular Division Offices B:-Special offices C:-Sub Division offices D:-Circle Offices Correct Answer:- Option-A Question10:-A junction, a bend or short length at which accidents are clustered is called A:-Red spot B:-Green Spot C:-Yellow Spot D:-Black spot Correct Answer:- Option-D Question11:-Rebuilding of damaged wall will come under A:-Ordinary repairs **B:-Special Repairs** C:-Original work D:-Additional work Correct Answer:- Option-B Question12:-Who shall be the Ex-Officio Additional Secretary to Government? A:-The Chief Engineer (Buildings) shall be Ex-Officio Additional Secretary to Government B:-The Chief Engineer (A and D) shall be Ex-officio Additional Secretary to Government C:-The Chief Engineer (Roads) shall be Ex-officio Additional Secretary to Government D:-The Chief Engineer (NH ) shall be Ex-officio Additional Secretary to Government Correct Answer:- Option-B Question13:-Which is the Administrative unit of the department? A:-Division B:-Sub Division C:-Sub Circle D:-Circle Correct Answer:- Option-D Question14:-The \_\_\_\_\_ shal A:-Superintending Engineer \_ shall be the nodal officer of IT cell

**B:-Executive Engineer** C:-Assistant Executive Engineer **D:-Assistant Engineer** Correct Answer:- Option-B Question15:-The Division office shall have three branches, viz. A:-Financial Branch, Execution Branch and Administrative Branch B:-Execution, Supervision and Accounts C:-Technical branch, Accounts Branch and Establishment Branch D:-None above Correct Answer:- Option-C Question16:-What among below is the methodology to study the social effects of infrastructure projects and other development interventions using special tools to determine the social outputs, outcomes or impact of an intervention program? A:-PPPU B:-GIS C:-SIA D:-RMMS Correct Answer:- Option-C Question17: The time limit for issue of selection notice after acceptance of a tender A:-Seven days or after the expiry of the firm period whichever is earlier B:-Seven days or before the expiry of the firm period whichever is earlier C:-Fourteen days or before the expiry of the firm period whichever is earlier D:-Fourteen days or after the expiry of the firm period whichever is earlier Correct Answer:- Option-B Question 18:-Periodical updating of Standard Data Book is to be approved by A:-Chief Engineer, buildings B:-Chief Engineer, Roads C:-Chief Engineer, National High Ways D:-Chief Engineer, Administration and Designs Correct Answer:- Option-D Question19:-In which method initially a notice is published to invite intending bidders to express their interest in bidding for the particular work A:-Pre-gualification B:-Post qualification C:-Limited Tenders D:-Open tenders Correct Answer:- Option-A Question20:-The original agreements executed in a Sub Division Office is kept in the custody of A:-Assistant Executive Engineer B:-Head Clerk C:-Draftsman **D:-Executive Engineer** Correct Answer:- Option-B Question21:-The main executive unit of the Department is A:-Section **B:-Sub division** C:-Division D:-Circle Correct Answer:- Option-C Question22:-Work spot order book shall be maintained for all works exceeding the TS Powers of : A:-Chief Engineer **B:-Executive Engineer** C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-C Question23:-The Designation of the Superintending Engineer posted in the Chief Engineer's Office A:-Superintending Engineer, Administration B:-Superintending Engineer, Projects C:-Deputy Chief Engineer D:-Superintending Engineer, Technical Establishment Correct Answer:- Option-C Question24:-The Road Safety Cell of the Department is under A:-Chief Engineer, Roads B:-Chief Engineer, National High ways C:-A Director in the Rank of Superintending Engineer D:-A Joint Director in the Rank of Executive Engineer Correct Answer:- Option-C Question25:-In which case the Overseer can record the measurements A:-Works for which T S has been accorded by the Superintending Engineer B:-Works for which T S has been accorded by the Executive Engineer C:-Works for which T S has been accorded by the Assistant Executive Engineer D:-Works for which T S has been accorded by the Assistant Engineer Correct Answer:- Option-D Question26:-The source of various construction materials shall be fixed by the A:-Chief Engineer, A and D **B:-Executive Engineer** C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-A Question27:-The HRD Cell is under the direct control of A:-Chief Engineer, Buildings B:-Chief Engineer, Roads C:-Chief Engineer, National High ways D:-Chief Engineer, Administration and Designs Correct Answer:- Option-D Question28:-What is Road Alignment?

A:-The location or layout of the centreline of the road on the ground is called alignment B:-The location or layout of the road on the ground is called alignment C:-The location or layout of the sidelines of the road on the ground is called alignment D:-The location of the road is called alignment Correct Answer:- Option-A Question29:-Tenders/Quotations shall be rejected when: A:-The quoted PAC is less than 15% of the estimated PAC B:-The quoted PAC is less than 25% of the estimated PAC C:-The quoted PAC is less than 50% of the estimated PAC D:-The quoted PAC is less than 75% of the estimated PAC Correct Answer:- Option-D Question30:-Transfer and postings of Non-Gazetted Ministerial staff come under the delegation of powers of A:-Chief Engineer, Buildings B:-Chief Engineer, Roads C:-Administrative Officer D:-Chief Engineer. Administration Correct Answer:- Option-C Question31:-Preliminary investigation of a project is conducted by A:-Superintending Engineer B:-Executive Engineer C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-D Question32:is necessary for issuing Technical Sanction A:-Detailed Estimate B:-Rough cost Estimate C:-Working Estimate D:-Preliminary Estimate Correct Answer:- Option-A Question33:-Sanction for original works in National High Ways is to be obtained from A:-Ministry of Transport, Government of Kerala B:-Ministry of Transport, Government of India C:-Ministry of Finance, Government of Kerala D:-Ministry of Finance, Government of India Correct Answer:- Option-B Question 34: When Panchayat or other local bodies pass resolution to hand over roads to PWD, the concerned \_\_\_\_\_\_ shall submit proposal for such take over as per provisions in the 'Kerala Panchayati Raj Act. A:-Superintending Engineer B:-Executive Engineer C:-Assistant Executive Engineer **D:-Assistant Engineer** Correct Answer:- Option-B Question35:-Proper distribution of work in Accounts Branch with the approval of Executive Engineer is the duty of A:-Junior Superintendent **B:**-Divisional Accountant C:-Senior Superintendent D:-Technical Assistant Correct Answer:- Option-B Question36:-\_\_\_\_\_ supervise A:-Superintending Engineer \_ supervises the IT cell in PWD under the control of Chief Engineer (A and D) B:-Executive Engineer C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-B Question37:-The annual plan allotment for each of the plan schemes are fixed by the \_\_\_\_\_\_ in consultation with the State Government. A:-Planning Board B:-Planning Commission C:-Finance department D:-Central Planning Board Correct Answer:- Option-B Question38:-There shall be a liaison office headed by a \_\_\_\_\_\_ in the Advocate General's office at Ernakulam for Attending to the cases in the High Court of Kerala. A:-Superintending engineer B:-Executive Engineer C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-C Question 39: All newly recruited employees shall be placed on probation and the probation shall be declared as per the relevant provisions of A:-Kerala State and Subordinate Service Rules B:-Kerala Service Rules C:-Manual of Office Procedure D:-Kerala PWD Manuel Correct Answer:- Option-A Question40:-Disciplinary proceedings shall be initiated and finalised as per the provisions in the A:-Manual for Office Proceedings B:-Manual for Disciplinary Proceedings C:-Kerala State and Subordinate Service Rules D:-Kerala Service Rule Correct Answer:- Option-B Question41:-The of PWD shall be in overall charge of all training within PWD. A:-H R cell **B:-Finance wing** C:-Training Cell D:-PRD Correct Answer:- Option-A

Question42:-All plan and non plan works shall be initiated only through a A:-Preliminary estimate **B:-Detailed Estimate** C:-Recast Estimate D:-Working Estimate Correct Answer:- Option-A Question43:-Who is the head of Accounts Branch of the division office? A:-Finance officer **B:**-Divisional Accountant C:-Financial Assistant D:-Administrative Assistant Correct Answer:- Option-B Question44:-Promotions to the posts of AEE and above shall be done based on the select lists prepared by A:-DPC-Lower B:-DPC-Higher C:-Chief Engineer D:-Government Correct Answer:- Option-B Ouestion45: shall provide all technical support and functions as the working arm of IT cell in all districts. A:-Electrical wing B:-Electronics wind C:-H R cell D:-Training cell Correct Answer:- Option-B Question46:-The main executive unit of the department is the division A:-Division **B:-Sub Division** C:-Circle D:-Section Correct Answer:- Option-A Question47:-Annual Administration report is published by A:-Chief Engineer (Administration and Design) B:-Chief Engineer, Buildings C:-Chief Engineer, Roads D:-Government Correct Answer:- Option-A Question48:-The main function of shall be to assist the Executive Engineer in exercising financial control over the transactions of the Division. A:-Finance officer **B:-Divisional Accountant** C:-Financial Assistant D:-Administrative Assistant Correct Answer:- Option-B \_ shall be the nodal agency within the Department for all IT/MIS initiatives Question49:-The A:-H R Cell B:-Finance wing C:-Training Cell D:-IT cell Correct Answer:- Option-D Question50:-The provision in the budget under tools and plant covers A:-Purchase of new tools and plant only B:-Repairs and carriage of existing tools and plant only C:-Purchase of new tools and plant and Repairs and carriage of existing tools and plant D:-Maintenance of tools and plant only Correct Answer:- Option-C Question51:-Preparation of budget, annual plans, 5-year plan and 20 year master plan, making proposals for re appropriations etc. under instructions from the Executive Engineer are the duty of A:-Junior Superintendent **B:**-Divisional Accountant C:-Senior Superintendent D:-Technical Assistant Correct Answer:- Option-B Question52:-Maintenance and repairs of all construction equipements of PWD like road rollers, compressors, tar boilers, hot mix plants, etc. are the duty of A:-Assistant Engineer, Mechanical Section B:-Assistant Executive Engineer, Mechanical Sub Division C:-Engineer, Mechanical Division D:-Assistant Engineer, Irrigation Section Correct Answer:- Option-B Question 53:-Who is the chief controlling officer of the major budget heads solely operated by the P.W.D.? A:-Chief Engineer **B:-Executive Engineer** C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-A is responsible for the collection and accounting of rents for residential and non-residential buildings and quarters under the Ouestion54:control of the P.W.D. A:-Revenue department B:-P.W.D. C:-Finance department D:-Occupants of the building Correct Answer:- Option-B are topographic maps, showing roads, bridges, CD structures, villages, water bodies and administrative boundaries. Ouestion55:-A:-Spatial references **B:-Condor Maps** 

C:-Revenue Maps D:-PWD Maps Correct Answer:- Option-A Question 56: The RMMS cell in the Chief Engineer Administration and Designs office is under the control of the A:-Deputy Chief Engineer **B:-Executive Engineer IT** C:-Assistant Executive Engineer D:-Executive Engineer, Building Correct Answer:- Option-B Question57:-Accidents involving loss of property likely to cost will be considered as Major Accidents. A:-Rs. 10 lakh or more B:-Rs. 5 lakh or more C:-Rs. 25 lakh or more D:-Rs. 50 lakh or more Correct Answer:- Option-D Question58:-Testing and issuing fuel consumption certificates of vehicles is the duty of A:-Assistant Engineer, Mechanical Section B:-Assistant Executive Engineer, Mechanical Sub Division C:-Engineer, Mechanical Division D:-Assistant Engineer, Irrigation Section Correct Answer:- Option-B Ouestion59:is a technique that focuses on job tasks as a way identify hazards before they occur. A:-Accident analysis B:-Work analysis C:-lob task analysis D:-Job hazard analysis Correct Answer:- Option-D Question60:-The budget shall be made public through website after budget speech by the A:-Chief Engineer (Administration and Design) B:-Chief Engineer, Buildings C:-Chief Engineer, Roads D:-Government Correct Answer:- Option-A Question61:is a methodology to study the social effects of infrastructure projects and other development interventions using special tools to determine the social outputs, outcomes, or impact of an intervention program. A:-Social Impacts Assessment B:-Social Improvement Assessment C:-Social Impacts Achievement D:-Social Input Assessment Correct Answer:- Option-A Question62:-The and Chief Engineer (Buildings) shall approve the site for any Government building. A:-Chief Architect B:-Chief Engineer, Administration C:-Chief Engineer, Roads D:-Deputy Chief Engineer Correct Answer:- Option-A Question63: The Executive Engineer Buildings of each district shall fix local market rates for materials and labour A:-twice on 1st January and 1st July every year B:-twice on 31st March and 30th June every year C:-ones on 1st April every year D:-twice on 1st April and 1st October every year Correct Answer:- Option-D Question64:-Preliminary estimate shall be submitted for works costing up to \_\_\_\_\_\_ in order to accord administrative sanction. A:-one crore B:-two crore C:-three crore D:-four crore Correct Answer:- Option-B Question65:-White washing in Government buildings are carried out A:-once every year B:-once every two years C:-once every three years D:-once every five years Correct Answer:- Option-A Ouestion66:is responsible for the collection and accounting of Sale proceeds of usufructs of trees belonging to Government along the sides of roads. A:-Revenue department B:-P.W.D. C:-Finance Department D:-District collector Correct Answer:- Option-B Question67:-No officer will undertake any work for another private or public body or accept fee, without the A:-prior sanction of the Chief Engineer B:-prior sanction of the Department C:-prior sanction of the Government D:-Sanction for eligible leave Correct Answer:- Option-C Question68:-Administrative Sanction is accorded by A:-Finance Department B:-Revenue Department C:-Public Works Department D:-Administrative Department Concerned or Government Correct Answer:- Option-D Question69:-Any development or extension of a work though necessary while the work is in progress which is not fairly contingent on the work as first sanctioned must be converted by a

A:-Preliminary estimate **B:-Detailed** estimate C:-Recast Estimate D:-Supplementary estimate Correct Answer:- Option-D Question70:-Holding meetings, arranging lunches, marriage functions, ceremonies etc. in the R. H, premises, shall not be allowed without prior permission of A:-Government B:-The Executive Engineer of Building Division C:-The Superintending Engineer of the Buildings Circle D:-The Chief Engineer, Buildings Correct Answer:- Option-B Question71:-Preliminary estimates for works shall be prepared by the \_\_\_\_\_ based on site inspection. A:-Overseer **B:-Executive Engineer** C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-D Question72:-The expenditure of works in \_\_\_\_ is a charged one. A:-Legislative Assembly B:-Kerala High Court C:-Raj Bhavan D:-Kerala Secretariat Correct Answer:- Option-C Question 73:-In the case of deposit works for private parties before plans and estimates are prepared and made available to the party: A:-centage at 12.5% shall be got deposited B:-centage at 16% shall be got deposited C:-centage at 2.5% shall be deposited D:-no centage shall be got deposited Correct Answer:- Option-C Question74:-No administrative sanction is required A:-For maintenance and repair works B:-For original works C:-For special repairs D:-For other department works Correct Answer:- Option-A Question75:-Subsequent change in TME due to schedule revision shall be approved by the A:-Chief Engineer (Administration) B:-Chief Engineer (Buildings) C:-Executive Engineer (Buildings) D:-Assistant Executive Engineer (Buildings) Correct Answer:- Option-C Question76:-The appointing authority can accept the resignation of a Government servant only after A:-Completing the service in respect of the post in question B:-Settling the conditions in respect of the service or post in question C:-Getting Government Sanction D:-Settling the liabilities in respect of the service or post in question Correct Answer:- Option-D Question77:-Safe custody of agreements and power of attorney for works in the Division Office are the duty of A:-Junior Superintendent B:-Divisional Accountant **C:-Senior Superintendent** D:-Technical Assistant Correct Answer:- Option-B Question 78: What is the procedure to be followed, if before a recast estimate is prepared some expenditure has been incurred in an originally sanctioned estimate? A:-a preliminary estimate shall be prepared and got sanctioned B:-a working estimate shall be prepared and got sanctioned C:-a detailed estimate shall be prepared and got sanctioned D:-a revised estimate shall be prepared and got sanctioned Correct Answer:- Option-D Question79:-The amount of Technical Sanction for any work shall not exceed the amount of by more than 15%. A:-Budget Provision B:-Administrative Sanction C:-Estimate amount D:-Tender value Correct Answer:- Option-B Question80:-PWD schedule of rates shall be followed by all the government departments/Quazi government organisation while preparing the estimate for works A:-Funded by the State Government B:-Funded by the Central Government C:-Funded by the NGOs D:-Funded by the outside agencies Correct Answer:- Option-A Question81:-The original Typical Maintenance Estimate (TME) and the changing TME due to modifications in the plan of buildings shall be approved A:-Chief Engineer (Administrative) B:-Chief Engineer (Buildings) C:-Executive Engineer (Buildings) D:-Assistant Executive Engineer (Buildings) Correct Answer:- Option-B Question82:-The plinth area rates shall also be revised by the Chief Engineer A and D \_\_\_\_\_\_ along with revision of Schedule of rates. A:-every year B:-every two years C:-every three years

D:-every five years Correct Answer:- Option-A Question83: The sanction accorded by the Administrative Department concerned or Government authorising the P.W.D. to take up a particular work at a particular cost and in a particular location A:-Administrative Sanction **B:**-Technical Sanction C:-Budget Sanction D:-Financial Sanction Correct Answer:- Option-A Question84:-A revised estimate must be prepared and got sanctioned: A:-When the cost of a work is likely to exceed by more than 5% of T.S amount B:-When the cost of a work is likely to exceed by more than 10% of T.S amount C:-When the cost of a work is likely to exceed by more than 15% of T.S amount D:-When the cost of a work is likely to exceed by more than 25% of T.S amount Correct Answer:- Option-A Ouestion85:-Accidents involving loss of property likely to cost less than shall be Minor accidents A:-Rs. 50 lakhs B:-Rs. 60 lakhs C:-Rs. 70 lakhs D:-Rs. 75 lakhs Correct Answer:- Option-A Ouestion86:is intended to give the details of the works and the cost thereof, which are to be carried out against a L.S. provision made in an estimate A:-preliminary estimate B:-detailed estimate C:-recast estimate D:-working estimate Correct Answer:- Option-D Question87:-The Administrative Sanction given for a work automatically lapses A:-If the work is not taken up within 2 years B:-If the work is not taken up within 3 years C:-If the work is not taken up within 4 years D:-If the work is not taken up within 5 years Correct Answer:- Option-D Question88:-When there are major structural alternations from the design as originally sanctioned A:-a recast estimate shall be prepared and got sanctioned B:-a working estimate shall be prepared and got sanctioned C:-a detailed estimate shall be prepared and got sanctioned D:-a revised estimate shall be prepared and got sanctioned Correct Answer:- Option-D Question89:-Who is competent to accord Technical Sanction? A:-the competent authority in the Administrative Department B:-the competent authority in Government C:-the competent authority in the P.W.D. D:-Chief Engineer, Administration Correct Answer:- Option-C Question90:-The rates of Earnest Money Deposit for works shall be A:-2% of the estimated probable amount of contract B:-2.5% of the estimated probable amount of contract C:-5% of the estimated probable amount of contract D:-7.5% of the estimated probable amount of contract Correct Answer:- Option-B stion91:-\_\_\_\_\_ as per a Appendix 1600D shall be submitted in order to accord technical sanction for all works. A:-Preliminary estimate Ouestion91: B:-Detailed Estimate C:-Recast Estimate D:-Working Estimate Correct Answer:- Option-B Question92:-Any tender received by the employer after the deadline prescribed will be A:-Rejected B:-Destroyed C:-Returned unopened to the bider D:-Accepted with fine Correct Answer:- Option-C Question93:are admitted at the time of opening of tenders. A:-All public B:-All officers C:-The media people D:-The bidders or their agents who may choose to be present Correct Answer:- Option-D Ouestion94:shall be responsible for the proper use of Rest Houses. A:-The Assistant Engineer of the Building Section B:-The Assistant Executive Engineer of the Building Sub Divison C:-The Executive Engineer of the Building Divison D:-The Manager of the Rest House Correct Answer:- Option-A Question95:-In case the deposit work is carried out by the P.W.D. the estimate shall include: A:-a total centage of 2.5% B:-a total centage of 16.5% C:-a total centage of 5% D:-a total centage of 12.5% Correct Answer:- Option-D Question96:-The Executive Engineer shall inspect all the major buildings under his maintenance charge where the annual maintenance grant is over and above the TS powers of Assistant Executive Engineer. A:-once every year

B:-once every two years C:-once every three years D:-once every five years Correct Answer:- Option-A Question97:-If there are changes in a technically sanctioned estimate before it is taken up for execution A:-a recast estimate shall be prepared and got sanctioned B:-a working estimate shall be prepared and got sanctioned C:-a detailed estimate shall be prepared and got sanctioned D:-a revised estimate shall be prepared and got sanctioned Question98:-Detailed estimates for works shall be prepared by the \_\_\_\_\_ based on approved layout and designs and on the schedule of rates in force. A:-overseer B:-Executive engineer C:-Assistant Executive Engineer D:-Assistant Engineer Correct Answer:- Option-D Question99-If tenders are not obtained at reasonable rates and there is no possibility of getting better offer from contractors any further. A:-The estimate will be revised B:-Revised Administrative Sanction will be issued C:-Departmental execution shall be resorted to D:-The work will be dropped Correct Answer:- Option-C Question100:-The authority to register the D Category contractors is A:-The Executive Engineer B:-The Assistant Executive Engineer of all Sub Divisions C:-The Assistant Engineer D:-The Superintending Engnieer Correct Answer:- Option-B