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PLUMBER,KERALA WATER AUTHORITY & TRADESMAN,TECHNICAL EDUCATION

EXAM DATE:08-11-2016

**1.Which valve is provided at intervals in long mains to prevent back pressure on the pump and in raising lines to prevent backflow of water?**

- A.Gate valve
- B.Mud valve
- C.Reflux valve\*
- D.Pressure relief valve

Ans:C

**2.What distribution system is suitable for towns growing irregularly?**

- A.Dead End System\*
- B.Grid Iron System
- C.Radial System
- D.Ring System

Ans:A

**3.Spun Iron pipes used in water supply shall confirm to IS Number is?**

- A.1534
- B.1535
- C.1536\*
- D.1537

Ans:C

**4.What fittings are used in pipelines,that easy to dismantle and repair?**

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- A.Elbow
- B.Union\*
- C.Reducer
- D.Cap

Ans:B

### **5.What is the disadvantage of GI pipe?**

- A.It can be easily jointed after threading
- B.It is easy to detach joint
- C.This pipe can be easily affected by acid or alkaline water\*
- D.It will not get rusted easily because of galvanization

Ans:C

### **6.Which vice is used for holding round sections of metals,tubes and pipes?**

- A.Pipe vice\*
- B.Bench vice
- C.Pin vice
- D.Hand vice

Ans:A

### **7.Soft solders whose melting points are below?**

- A.300°C
- B.350°C
- C.400°C
- D.450°C\*

Ans:D

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**8.The try square is used to:**

- A.Check the squareness
- B.Check the flatness
- C.Mackline at 90<sup>0</sup> to the edges of work piece
- D.All the above\*

Ans:D

**9.Caplipers are classified according to their?**

- A.Joints and thickness
- B.Thickness and width
- C.Joints and legs\*
- D.Leg and width

Ans:C

**10.Metals which contain Iron as major content are called?**

- A.Non Ferrous Metals
- B.Ferrous Metals\*
- C.Non Metal
- D.Alloy

Ans:B

**11.Which is used to cut external threads on cylindrical work pieces?**

- A.Tap and wrench
- B.Pipe wrench
- C.Spanner
- D.Die and stock\*

Ans:D

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**12.Melting point of Bronze is?**

- A.1083°C
- B.1005°C\*
- C.983°C
- D.660°C

Ans:B

**13.Rolling thin layer of metal on to a base metal is known as?**

- A.Browning
- B.Enamelling
- C.Electroplating
- D.Cladding\*

Ans:D

**14.Ordinary Portland cement is available in,How many grades?**

- A.2
- B.3\*
- C.4
- D.5

Ans:B

**15.-----C.I.Cover provided for manholes constructed within width of road under vehicular traffic?**

- A.Light duty
- B.Medium duty
- C.Heavy duty\*

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D.None of these

Ans:C

**16.Minimum size of a bibcock is?**

A.15 mm\*

B.20 mm

C.25 mm

D.30 mm

Ans:A

**17.Which valve is provided at the bottom of suction pipe for holding water in the suction pipe?**

A.Foot valve\*

B.Ball valve

C.Gate valve

D.Globe valve

Ans:A

**18.Floor trap is also known as?**

A.Gully trap

B.Running trap

C.Nahani trap\*

D.Intercepting trap

Ans:C

**19.Commode is known as?**

A.Urinal

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B.E.W.C\*

C.I.W.C

D.Sink

Ans:B

## **20.Advantage of P.V.C pipe is?**

A.Light weight

B.Corrosion free

C.Cost of PVC pipe is cheaper

D.All the above\*

Ans:D

## **21.Which system is also known as combined gravity and pumping system?**

A.Gravity System

B.Duel System\*

C.Direct Pumping System

D.None of these

Ans:B

## **22.Shovel is designed by its?**

A.Length and weight

B.Width and weight

C.Length and width\*

D.Length

Ans:C

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**23.How many systems are adopted in plumbing of drainage work in a building?**

A.3

B.4\*

C.5

D.6

Ans:B

**24.What test is applied to check the alignment and condition of the inside of the pipes?**

A.Smoke test

B.Hydrostatic test

C.Pneumatic test

D.Mirror test\*

Ans:D

**25.Force Cup is used for---purpose?**

A.Blockage removing\*

B.O.H.tank craning

C.Testing of drain pipe

D.Testing of soil pipe

Ans:A

**26.-----is the best and the most improved type of system of plumbing?**

A.One Pipe System

B.Two Pipe System\*

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- C.Single Stack System
- D.Partially Ventilated System

Ans:B

**27.A water having pH less than 7 is?**

- A.Alkaline
- B.Potable
- C.Acidic\*
- D.Neutral

Ans:C

**28.Siphonic action is prevented by?**

- A.Vent pipe\*
- B.Soil pipe
- C.Waste pipe
- D.Rainwater pipe

Ans:A

**29.Which tap is used in wash hand basin?**

- A.Bib tap
- B.Self closing tap
- C.Plug tap
- D.Pillar tap\*

Ans:D

**30.What is the size of holes in European water closet for fixing the floor?**

- A.6.5 MM\*



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B.7 mm

C.7.5 mm

D.8 mm

Ans:A

**31.The most commonly adopted pump in water supply is?**

A.Rotary pump

B.Airlift pump

C.Centrifugal pump\*

D.Booster pump

Ans:C

**32.The process which removes colloidal matters in water is?**

A.Screening

B.Sedimentation

C.Disinfection

D.Filtration\*

Ans:D

**33.S.W.H System stands for?**

A.Soil Waste Harvesting

B.Soft Water Heating

C.Solar Water Heating\*

D.Soft Water Harvesting

Ans:C

**34.Which is not a surface source of water?**

A.Streams

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B.Wells\*

C.Pond

D.Lake

Ans:B

**35. Automatic flushing cisterns are done by?**

A.E.W.C

B.I.W.C

C.Urinal\*

D.Bidet

Ans:C

**36. Which is used for closing the end of a pipe or fitting having a male thread?**

A.Union

B.Plug

C.Socket

D.Cap\*

Ans:D

**37. Which punch is used for locating drilling holes?**

A.Centre punch\*

B.Dot punch

C.Prick punch

D.Hollow punch

Ans:A

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**38.Which file is used to bring the material to accurate size with high degree of finish?**

- A.Smooth file
- B.Second cut file
- C.Rasp cut file
- D.Dead smooth file\*

Ans:D

**39.Plain or unthreaded portion of 1/3 of the length of the screw is called?**

- A.Head
- B.Shank\*
- C.Pitch
- D.Point

Ans:B

**40.Water meter in piping system is used to check up?**

- A.Quantity\*
- B.Quality
- C.Pressure
- D.Controlling

Ans:A

**41.The pipe receiving discharge from water closet,urinals etc.are called?**

- A.Waste pipe
- B.Soil pipe\*

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C.Rainwater pipe

D.Ventilation pipe

Ans:B

**42.To prevent corrosion CI pipes are coated with?**

A.Zinc

B.Chromium

C.Tin

D.Bituminous paint\*

Ans:D

**43.While grinding,metal particles are get clogged into the grinding wheel.This process is called?**

A.Loading\*

B.Glazing

C.Dressing

D.Truing

Ans:A

**44.The traps are used to prevent the passage of?**

A.Air

B.Waste water

C.Oxygen

D.Sewerages\*

Ans:D

**45.Access of inspection testing and cleaning of drain is provided by?**

A.Trap

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B.Cistern

C.Inspection Chamber\*

D.Grattings

Ans:C

**46.-----helps the pipeline to branch off at 90 degree?**

A.Tee bow\*

B.Coupling

C.Elbow

D.Union

Ans:A

**47.The length of stoneware pipe is?**

A.300 mm

B.400 mm

C.500 mm

D.600 mm\*

Ans:D

**48.How many grades of G.I.pipes are available?**

A.2

B.3\*

C.4

D.5

Ans:B

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**49.The aggregates which can not pass IS Sieve-No:480 has been classified as?**

- A.Coarse aggregate\*
- B.Medium aggregate
- C.Fine aggregate
- D.None of these

Ans:A

**50.-----is used for plastering ,brick laying and finishing concrete floors?**

- A.Spade
- B.Plumb bob
- C.Spirit level
- D.Trowel\*

Ans:D

**51.Which saw is used for cutting sharp corners?**

- A.Coping saw\*
- B.Compass saw
- C.Fret saw
- D.Pad saw

Ans:A

**52.Brass is an alloy of?**

- A.Copper and tin
- B.Copper and Zinc\*
- C.Copper and lead

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D.Copper and Aluminium

Ans:B

**53.Which tap is used to finish the threads of blind holes of correct depth?**

A.Taper tap

B.Intermediate tap

C.Bottoming tap\*

D.First tap

Ans:C

**54.Function of flux is?**

A.To prevent corrosion

B.To helps molten solder to flow easily in the required place

C.Promote better joint

D.All of the above\*

Ans:D

**55.Which tongs are used for holding bars vertically?**

A.Round tongs\*

B.Square mouth tongs

C.Hollow tongs

D.Flat tongs

Ans:A

**56.Ore of Aluminium is:**

A.Carbonate

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B.Bauxite\*

C.Lemonite

D.Magnetite

Ans:B

**57.Check valve is also called?**

A.Gate valve

B.Mud valve

C.Non-return valve\*

D.Needle valve

Ans:C

**58.Which threaded pattern is used in standard pipe fittings?**

A.B.S.P\*

B.B.S.W

C.B.S.F

D.B.A

Ans:A

**59.Pillar tap should withstand an internally applied hydraulic pressure of?**

A.20 kg/sq.cm\*

B.25 kg/sq.cm

C.30 kg/sq.cm

D.35 kg/sq.cm

Ans:A



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**60.What pipes are mostly used in Water Supply Scheme?**

- A.Steel pipe
- B.Lead pipe
- C.Cast iron pipe\*
- D.Composite pipe

Ans:C

**61.What should be used to connect two which same diameter?**

- A.Reducer
- B.Socket\*
- C.Eccentric Reducer
- D.Concentric Reducer

Ans:B

**62.The most important part of a trap is?**

- A.Water seal\*
- B.Diameter
- C.Depth of water
- D.Height

Ans:A

**63.For achieving self cleaning velocity,150 mm dia pipe should have a slope of?**

- A.1:35
- B.1:40
- C.1:50

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D.1:60\*

Ans:D

**64.Lead caulked joints are provided in—pipe?**

A.G.I.Pipe

B.C.I.Pipe\*

C.R.C.C.Pipe

D.A.C.Pipe

Ans:B

**65.Overflow from a tank is controlled by?**

A.Gate valve

B.Safety valve

C.Ball valve\*

D.Mud valve

Ans:C

**66.The fittings used to cover the inlet in gully,disconnection and silt hap is?**

A.C.I.Grattings\*

B.Small C.I.cover

C.Ligt duty C.I.Cover

D.Heavy Duty C.I.Cover

Ans:A

**67.Flush valves are made of?**

A.Cast Iron

B.Brass\*

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C.Fiber

D.Plastic

Ans:B

**68.Temporary hardness can be removed by?**

A.Base exchange process

B.Filtration

C.Screening

D.Boiling\*

Ans:D

**69.Which grade cement is used to constructing normal building purpose?**

A.23

B.33\*

C.43

D.53

Ans:B

**70.Vicat's needle apparatus is used for?**

A.Mixing

B.Measuring

C.Filling of concrete

D.Consistency\*

Ans:D

**71.An example of Non-ferrous metal is?**

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- A.Cast Iron
- B.Lead\*
- C.Wrought Iron
- D.Mild Steel

Ans:B

**72.The diameter of the main ventilation pipe should not be less than-----mm**

- A.32
- B.40
- C.50\*
- D.70

Ans:C

**73.Benefits of Rain water harvesting is?**

- A.Ground water table raises
- B.Reduce the salinity
- C.To avoid flooding
- D.All the above\*

Ans:D

**74.Which colour hose is used for carry acetylene gas?**

- A.Maroon\*
- B.Black
- C.Green
- D.Blue

Ans:A

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**75.Which pump is used to increase the pressure in pipe of a distribution system?**

- A.Air lift pump
- B.Submersible pump
- C.Centrifugal pump
- D.Booster pump\*

Ans:D

**76.Which is commonly called as thumb nut?**

- A.Tee nut
- B.Cap nut
- C.Knurled nut\*
- D.Self locking nut

Ans:C

**77.Which chisel is used for squaring materials at the corner?**

- A.Diamond point chisel\*
- B.Web chisel
- C.Flat chisel
- D.Cross cut chisel

Ans:A

**78.Head of the soldering Iron is made of?**

- A.Bronze
- B.Brass
- C.Forged Copper\*
- D.Aluminium

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Ans:C

**79.P.V.C.stands for?**

A.Premium Vinyl Chloride

B.Poly Vinyl Chloride\*

C.Perfect Vinyl Chloride

D.Pure Vinyl Chloride

Ans:B

**80.I.S.Code of water closet is?**

A.I.S.2554

B.I.S.2555

C.I.S.2556\*

D.I.S.2557

Ans:C

**81.Which Article of the Indian Constitution deals with Grama Sabha?**

A.240\*

B.243

C.115

D.116

Ans:A

**82.Which chemical's nickname of 'English Salt'is?**

A.Carbon Tetrachloride

B.Ferrichydrocide

C.Magnesium Sulphate\*

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D.None of the above

Ans:C

**83.Koushal Vikas Yojana associated with-----?**

A.Skill Training for unskilled workers

B.Special Training for unorganized workers

C.Special Training for SC/ST

D.Skill Training for Youth\*

Ans:D

**84.Which place is known as ‘Gift of Pamba’?**

A.Mandro thuruth

B.Kuttandu\*

C.Aranmula

D.None of the above

Ans:B

**85.Which Indian State firstly conduct survey on Gross National Happiness?**

A.Tamil Nadu

B.Madhya Pradesh

C.Assam\*

D.Delhi

Ans:C

**86.Who is World Bank President?**

A.Yong Kim\*

B.Ban Ki Moon

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C.Dufferin

D.None of the above

Ans:A

**87.Where did 'Malabar Hills'locate?**

A.Tripura

B.Bombay\*

C.New Delhi

D.Chennai

Ans:B

**88.Who is known as 'Maratha Kesari'?**

A.C.R.Das

B.Bal Gangadhar Tilak\*

C.Vallabhacharya

D.Aurobindo Ghosh

Ans:B

**89.When did 'Malayali Memorial'occurred?**

A.1891\*

B.1882

C.1895

D.1896

Ans:A

**90.Who is the author of "The private life of an Indian Prince"?**

A.R.K.Narayan



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- B.Mulkraj Anand\*
- C.Aurobindo Ghosh
- D.None of the above

Ans:B

**91.First elected President of Indian National Congress?**

- A.Nehru
- B.Dr.Radhakrishnan
- C.Subhash Chandra Bose\*
- D.None of the above

Ans:C

**92.The first Indian to win All England Badminton Championship?**

- A.Prakash Padukone\*
- B.P.S.Sandhya
- C.Sania Mirza
- D.Leander Paes

Ans:A

**93.Renaissance leader known as ‘Vindhyadi Rajan’?**

- A.Thycaud Ayya
- B.Poikayil Yohannan
- C.Blessed Kuriakose Elias Chavara
- D.Chattampi Swami\*

Ans:D

**94.Which state has the least percentage of forest area?**

- A.Chattisgarh\*

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B.Bihar

C.Punjab

D.Goa

Ans:A

### **95.The First President of Nair Service Society?**

A.Mannath Padmanabhan

B.K.Kelappan\*

C.Narayana Paniker

D.G.Sukumaran Nair

Ans:B

### **96.The official Report of Germany and China called as?**

A.White Book\*

B.Red Book

C.White Paper

D.Yellow Book

Ans:A

### **97.Who lead the 'Mukthi Agitation'for the sake of Lower Cast people in Kerala?**

A.Arattupuzha Velandan\*

B.Kumara Guru

C.Ayya Vaikundar

D.Vagbhatananda

Ans:A

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**98.Name the Governor General who is called “The Maker of Modern India”?**

A.William Bentick

B.Dalhousie\*

C.Curzon

D.Minto

Ans:B

**99.The official publication SNDP started by Sree Narayana Guru?**

A.The Service

B.Vivekodayam\*

C.Prathisha

D.None of the above

Ans:B

**100.Kaziranga National Park in Assam is famous for?**

A.White Tiger

B.Lion tailed Macaque

C.Wild Ass

D.One horned Rhino\*

Ans:D