



NFL Non Executive Examination

Candidate User ID :

Exam Date : 17/12/2021

Batch Id :

Candidate Exam ID :

Test Centre Name : Ies College Of Technology

Exam Timing : 12:30 PM - 2:30 PM

Note: Questions answered are highlighted with selection

- 1 Who was associated with Fashion Designing field and they are recently passed away?
- Dilip Kumar
- Rinku Singh Nikumbh
- Raj Kaushal
- Satya Paul (Correct Answer)
- 2 Choose the option that is opposite in meaning to the given word. : Obumbrate
- shade
- to turn in
- illumine (Correct Answer)
- obscure
- 3 What is the simplification of the expression $(1-\sqrt{3})/(1+\sqrt{3})$
- $(-\sqrt{3})+2$
- $2+\sqrt{3}$
- $3+\sqrt{3}$
- $(\sqrt{3})-2$ (Correct Answer)
- 4 What is the work of The International Monetary Fund (IMF)?
- Achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific
- International financial institution that provides loans and grants to the governments
- Mobilize resources for development projects in BRICS, emerging economies
- Publishes the Global Financial Stability Report semi-annually (Correct Answer)
- 5 Choose the most appropriate prepositions : I met my friend Yami _____ the cold and snowy day in Kashmir.
- on
- in (Correct Answer)
- with
- at
- 6 Which festival is celebrated in state of Assam?
- Durga puja
- Hampi
- Kati Bihu (Correct Answer)
- Nuakhai
- 7 How much profit Mr. Yogendra gained ? Statement 1. Mr. Yogendra sold a book ₹50 more than actual price. Statement 2. Actual price of book is ₹600.
- We can get the answer from statement 1 and statement 2 together.
- Statement 2 is alone sufficient to answer the question but Statement 1 is not.
- Statement 1 is alone sufficient to answer the question but Statement 2 is not. (Correct Answer)
- Both Statement 1 and Statement 2 are not sufficient to answer the question

Both Statement 1 and Statement 2 are not sufficient to answer the question.

8 Awadh Commercial Bank was remembered because?

- The largest first bank of india
- High rate of percentage given
- The first bank purely managed by Indians (Correct Answer)
- Its was corrupted bank

9 Choose the option that is opposite in meaning to the given word. : Priggish

- sensible (Correct Answer)
- coxcombical
- prim
- unbending

10 Name of the dam which is built on the river Bhagirathi?

- Badua Dam
- Ajan Dam
- Sunkesula Barrage
- Tehri dam (Correct Answer)

11 A person has 13 Laptops out of which 7 are of i9th generation. In how many ways can he select 7 laptops such that at least 5 of them are of i9th generation?

- 198
- 315
- 215
- 358 (Correct Answer)

12 If $(1011011)_2 = (231)_R$ then what is the value of R?

- 7
- 4
- 5
- 6 (Correct Answer)

13 In the following question, the symbols %, \$, #, @ are used. All the symbols define the following meanings. 1. A%B : A is less than B. 2. A\$B : A is greater than or equal to B. 3. A#B : A is neither greater nor smaller than B. 4. A@B : A is less than or equal to B. Conclusion 1. P%T. Conclusion 2. T@Q

- Only Conclusion 2 follows
- Only Conclusion 1 follows
- Both Conclusion 1 and Conclusion 2 follow (Correct Answer)
- Neither Conclusion 1 nor Conclusion 2 follows

14 Choose the most appropriate prepositions : May be my grandparents will visit us tomorrow, it completely depends _____ the weather.

- to
- in
- at
- on (Correct Answer)

15 An alphanumeric Input is given to a machine as shown in question below. That machines process this Input and gives an arranged Output. INPUT: 97 Happy Dear Lithium 99 47 5 Cow. Step 1: 5 97 Happy Dear 99 47 Cow Lithium Step 2: 5 47 97 Happy 99 Cow Lithium Dear Step 3: 5 47 97 99 Cow Lithium Dear Happy Step 4: 5 47 97 99 Lithium Dear Happy Cow Now same machine was given an INPUT: 5 John 51 Cherry 47 Mango Chair 90. What is the 2nd step for this Input?

- 5 47 John 51 Chair Cherry 90 Mango
- 5 47 John 51 Cherry Chair 90 Mango

- 47 5 51 Cherry Chair 90 John Mango
- 5 47 51 Cherry Chair 90 Mango John (Correct Answer)

16 Choose the option that is nearest in meaning to the given word: Surfeit

- nimiety (Correct Answer)
- stint
- temperance
- sparse

17 Mr. Rawtani borrowed ₹25,000 from a person at 12% simple rate of interest per annum. He invested the borrowed money in a firm at 20% compound rate of interest per annum. How much profit he gained at the end of two year?

- 11000
- 6000
- 5000 (Correct Answer)
- 36000

18 Rohan walks 10Km towards the east, and after that he turns right. After walking 15Km he takes left turn and walks 10Km. Then he walks 30Km towards the North. How far is he directly from starting point?

- 35Km
- 25Km (Correct Answer)
- 40Km
- 15Km

19 Eight persons A, B, C, D, E, F, G and H are sitting in a circle facing inside. They are sitting in conditions given below- 1. D is not a neighbor of F and G but he is neighbor of E. 2. E is sitting to the 2nd left of G. 3. A is sitting in front of F. 4. C is not a neighbor of F and B. 5. B is neighbor of F. Where is H sitting?

- In front of D
- Between F and C (Correct Answer)
- to the third left of B
- to the second right of A

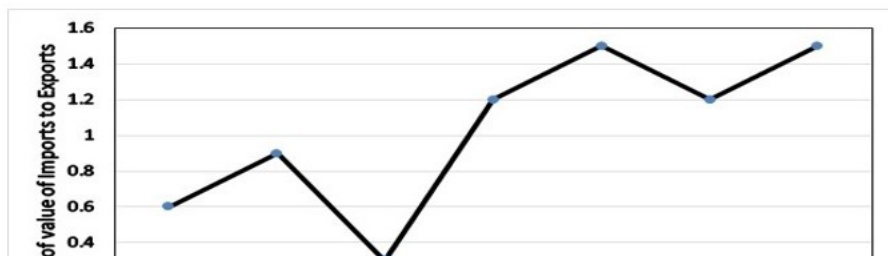
20 Which of the following was sent as an envoy by the Hellenistic king Seleucus in India?

- Megasthenes (Correct Answer)
- Dagrise
- Antiliphonio
- Alecars

21 A squirrel tries to climb a greased thick wire of 12 meters height. In first minute she climbs 2 meters and slips down 1 meter in the alternate minute. If she continues to climb in this manner, How much time does she take to reach at the top of wire?

- 21 minutes 20 Seconds
- 22 minutes
- 22 minutes 20 seconds
- 21 minutes (Correct Answer)

22 If the exports in year 2016 and 2020 was ₹600 crore and ₹800 crore respectively, then what was the total of imports in those two years?





- 1400 Crore
- 560 Crore
- 1500 Crore (Correct Answer)
- 960 Crore

23 Choose the option that is similar in meaning to the idiom used in the given sentence: Alice was very angry and rebellious, when she was refused to party but she was not rose to the bait.

- in a desperate position
- ready for the party
- woke up early
- react as intended (Correct Answer)

24 Which of the following is the largest and deepest of the world ocean basins?

- Atlantic ocean
- Indian ocean
- Pacific ocean (Correct Answer)
- Arctic ocean

25 Which article number is related to Six fundamental Rights which mentioned in Indian constitution?

- Article 13 - 35
- Article 13 - 38
- Article 12 - 38
- Article 12 - 35 (Correct Answer)

26 Choose the option that is nearest in meaning to the given word : Desinence

- commencement
- console
- conclusion (Correct Answer)
- inception

27 A can contains a solution of 20% of sugar by weight and remaining of water. Now this solution is boiled so that 23kg of water evaporates and the solution now contains 30% of sugar in it. What is the original quantity of sugar in it?

- 92kg
- 23kg
- 115kg
- 69kg (Correct Answer)

28 As per table shown in this question what was the income of the company A in year 2015?

Year	Company A	
	Expenditure ₹(In Crore)	Profit
2015	50	48%
2016	65	49%
2017	70	50%
2018	75	51%
2019	85	51%
2020	100	52%

- 50 Crore

- 33 Crore
 24 Crore
 98 Crore (Correct Answer)
 74 Crore
- 29 Which of the following battle was fought between the countries of Portugal and Britain?
- Purtribitor
 Panipat
 Boxer safer
 Swally Hole (Correct Answer)
- 30 Who of the following Basket ball sports was invented by?
- Victoria Skating Rink
 Duke of Beaufort
 Walter Camp
 James Naismith (Correct Answer)
- 31 If a cylindrical wire is stretched such that its height increases by 20% and its radius is decreased by 10%. What is the percentage by which its volume changes?
- Increases by 3.1%
 Decreases by 2.8% (Correct Answer)
 Increases by 2.8%
 Decreases by 3.1%
- 32 What is the next number of series 2,6,30,60,130,.....?
- 260
 200
 210 (Correct Answer)
 190
- 33 The people may sell or lend their property, and other people may buy or borrow them, this is related to
- Capitalism (Correct Answer)
 Mixed economy
 Traditional economy
 Socialism
- 34 Mukund purchased a bag of Rice for Rs. 690, he had 20% loss on one fifth of bag, at what profit percentage will he sell the remaining Rice to earn 24% profit on a complete bag?
- 35% (Correct Answer)
 4%
 15%
 44%
- 35 Choose the option that is nearest in meaning to the given word: Insurgent
- loyal
 Rebellious (Correct Answer)
 submission
 patriotic
- 36 30 students are standing rank wise in a row facing back of other student. Both end of row has either first ranked or last ranked student. Nikita is standing 5th ahead of Poonam and Poonam is standing 8th to backward of Ram. Rank of Ram is first. What is the rank of Nikita?
- 7
 6
 5

4 (Correct Answer)

37 Choose the most appropriate option to fill in the blanks. : His _____ behaviour will no longer lead him to success.

- polite
- cynical (Correct Answer)
- guileless
- ingenuous

38 Choose the option that is similar in meaning to the idiom used in the given sentence: The girl who was not the fully shilling is now going to start a business.

- a person with creative
- a person who is nervous
- not quick-thinking (Correct Answer)
- begin to practise a new project

39 Choose the option that is opposite in meaning to the given word. : Limpid

- opaque (Correct Answer)
- transparent
- loiter
- repugnance

40 Rohan and Kapil take a project of flyover repairing for Rs. 12Lakh. Rohan can do this work alone in 4 month and Kapil in 6 month. They need to complete this work in 2 month, so they take help of Kushal and completed the project on time. Then how much money Kushal gets for this project?

- ₹1Lakh
- ₹2Lakh (Correct Answer)
- ₹4Lakh
- ₹6Lakh

41 Statement: Some Plates are Books. All Books are Masks. Some Masks are Socks. All Socks are Curtains. Conclusion 1. Some Socks are Books. Conclusion 2. Some Curtains are Masks. Conclusion 3. Some Plates are Socks. Conclusion 4. All Plates are Masks.

- Both Conclusion 2 and Conclusion 4 follow
- Both Conclusion 1 and Conclusion 2 follow
- Only Conclusion 2 follows (Correct Answer)
- Only Conclusion 3 follows

42 The Khaljis of the Khalji Dynasty were

- Mongols from Tujebistan origin
- Turks from Afghan origin (Correct Answer)
- A Jat tribe from Shindh origin
- Afghani from Arab origin

43 In the following series what should come at blank place? YB,WD,TG,PK,.....

- LO
- KP (Correct Answer)
- LP
- KO

44 Bahadur points to the image and says : "She is the only sister of only son of my Father". What relation does Bahadur have with this girl?

- Father
- Husband

- Brother (Correct Answer)
 Uncle
- 45 In a soldering wire alloy, Tin and Lead are in the ratio 2:3. In the second alloy the Tin and Lead are in the ratio 1:3. In what ratio should these wire alloys be mixed to form a new soldering wire with Tin to Lead ratio of 50:40?
- 2:5
 2:3
 5:4
 1:2 (Correct Answer)
- 46 Choose the most appropriate prepositions : Aunt Reema asked Sid to go _____ the room and put the box _____ the drawer.
- into, on
 to, in (Correct Answer)
 to, on
 to, at
- 47 In a code word "JURASSIC" is written as "BHRRZQTI". What will be codeword for "ANTHONY"?
- CNOJYGH
 YNOTHAN
 XMNGSMZ (Correct Answer)
 XNOTHAN
- 48 A work of same category was given to three groups. The ratio of workman in the group is 7:3:12. What is the ratio of days in which they will complete the work?
- 8:24:5
 12:28:7 (Correct Answer)
 7:3:12
 21:10:8
- 49 Choose the missing term from the given options ? B0W,E6U,H24S,K60Q,.....
- N1200 (Correct Answer)
 M120Q
 M64P
 N64P
- 50 According to some stories in the Sanskrit Avadhana, Which king had accepted the Upagupta as the spiritual teacher or Monk?
- Ranasingh
 Vikarmaditya
 Chandragupta
 Ashoka (Correct Answer)
- 51 Which is related to muff couplings?
- Spider coupling
 Fluid coupling
 Grid coupling
 Rigid coupling (Correct Answer)
- 52 Which is used for examining the process in detail to identify areas of possible improvements?
- Process chart
 Productivity reports (Correct Answer)
 Job cards format
 Bill of materials

Bill of materials

53 What type of first aid given, If you see a person fainting?

- Try to be a calming
- Call EMERGENCY number
- Sweet to eat or drink (Correct Answer)
- A pillow under the head

54 Which is not an example of common pipes type?

- Crass pipes (Correct Answer)
- C.I. soil pipes
- Brass pipes
- Galvanized iron pipes

55 What is the length of open belting if the centre distance between the pulleys is 10m and the diameter of larger pulley and smaller pulley is 0.5m and 0.25m?

- 11.18m
- 21.18m (Correct Answer)
- 20 m
- 22.18m

56 What is denoted the fourth digit s in AWS codification of carbon steel and low-alloy steel coated electrodes?

- Type of flux coating. (Correct Answer)
- Flat & horizontal positions for electrodes.
- Flat & down hand positions for electrodes.
- Tensile strength of the deposited weld metal

57 Which types of alloy are used to making jewellery?

- Free cutting brass
- Gilding metal (Correct Answer)
- Naval brass
- Admiralty brass

58 What is the Velocity ratio of worm gear if Number of teeth on the worm wheel is 56 and Number of starts on the worm 7?

- 8 (Correct Answer)
- 0.26
- 4
- 392

59 Which welding process is fast est to all other process?

- GTAW
- GMAW (Correct Answer)
- SMAW
- SMTW

60 What is the length of open belting, if diameter of large and smaller pulley is 8 and 2 respectively, and centre distance between the pulleys is 26m?

- 67.71m (Correct Answer)
- 26.45m
- 8.96m
- 15.8m

61 Which maintenance method is oldest maintenance approach?

- Scheduled maintenance
- Predictive maintenance
- Proactive maintenance
- Reactive maintenance (Correct Answer)

62 In which condition of wrapping angle, that the pulley can be transmit high torque?

- No effect is produce
- Medium wrapping angle
- Bigger wrapping angel (Correct Answer)
- Lower wrapping angle

63 Which signs represents the infection when diagnose an unconscious injured person?

- Saliva around the mouth
- Red streaks around a wound. (Correct Answer)
- Under dosed
- Smell of alcohol

64 What is the Yield stress ratio of class 5.8 screw?

- 220 N/mm²
- 520 N/mm²
- 420 N/mm² (Correct Answer)
- 320 N/mm²

65 Designation of V-belt as per IS:

- 1620
- 1989
- 2494 (Correct Answer)
- 1145

66 The ratio of the tight side of belt to the slack side of belt tension is Commonly known as_____

- Belt ratio
- Tight ratio
- Force ratio
- Tension ratio (Correct Answer)

67 System failure does not happen by_____?

- Assassin bug
- Invades bug
- Brain bug
- Lightning bug (Correct Answer)

68 Which type of used wrench for pipes with diameters of 50 mm to 150 mm?

- Chain pipe wrenches (Correct Answer)
- Multi-wheel chain pipe wrenches
- Chain pipe vice
- Portable folding pipe wrenches

69 Which type of fuel is related to class C type of fire?

- Flammable liquid
- Gas and liquefied gas (Correct Answer)

- Gas and liquefied gas (Correct Answer)
- Involving metals
- Wood, paper, cloth

70 Which is the simplest form of fixtures?

- Tool guiding
- Plate (Correct Answer)
- Indexing
- Vice jaw

71 Which type of work does not provided by lubricants?

- Decreasing the friction
- Prevents corrosion
- Cooling the moving elements
- Increasing adhesion (Correct Answer)

72 What is the tension ration of a belt?

- The ratio of the loos side to the tight side tension
- The ratio of the tight side to the slack side tension (Correct Answer)
- The ratio of the Pulley side to the tight side tension
- The ratio of the slack side to the tight side tension

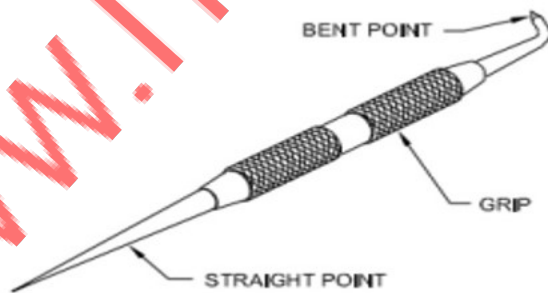
73 Antifriction bearings should be handled in_____ environment.

- Dust free (Correct Answer)
- Oil free
- Leakage free
- Moisture free

74 Which test is to ascertain the precision of a machine tool for the finishing operation for which the machine has been designed?

- Geometrical test
- Performance test (Correct Answer)
- Depreciation test
- Levelling test

75 Identify the equipment given in diagram?



- Pointer
- Dividers
- Datum
- Plain scribe (Correct Answer)

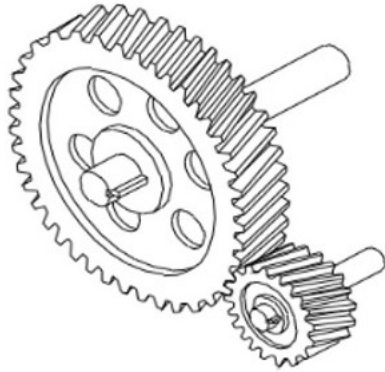
76 Infection is considered _____ hazards.

- Psychological
- Biological (Correct Answer)
- Chemical
- Physiological

77 Which type of fasteners is generally used on light duty machines?

- Crescent plate belt fastener
- Wire type belt fastener (Correct Answer)
- Lagrell type belt fastener
- Jackson-type belt fastener

78 Identify the gear type shown in above figure?



- Bevel
- Mitre
- Helical (Correct Answer)
- Spur

79 Which is not a correct property of a right electrode?

- Smooth weld bead
- Maximum spatters (Correct Answer)
- Fast deposition
- Maximum weld strength

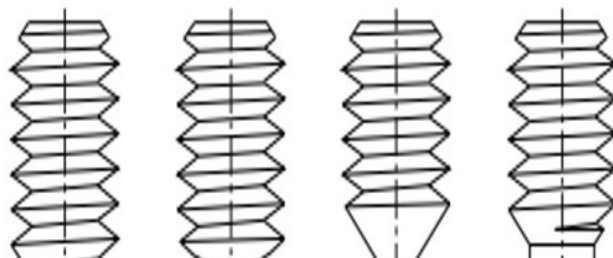
80 Which part not be checked, if Gas leakage problem occurs when torch cutting?

- Regulator
- Cutting tip attaching part
- Injector (Correct Answer)
- Hose joint

81 Which system transmits motion at right angles to the axis of motion at different planes?

- Rack and pinion
- Worm gear
- Hypoid gears
- Bevel gear (Correct Answer)

82 Which is represented the half dog point set screws?





- A
- C
- B
- D (Correct Answer)

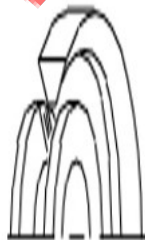
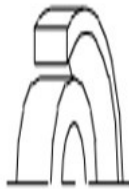
83 Which is the correct sequence followed of installation of machinery? 1. Foundations 2. Testing 3. Fitting and moving 4. Levelling

- 2>1>4>3
- 2>3>1>4
- 1>2>3>4
- 1>3>4>2 (Correct Answer)

84 Identify the timing belt?



(Correct Answer)



85 Which type of belt is used when the distance between the shafts is too short?

- Link belt
- Ribbed belt
- Timing belt
- V belt (Correct Answer)

86 Respiratory protection is protected to _____

- Electric shock
- Falling objects
- Working wet area
- Fumes (Correct Answer)

87 What is indicating the 10 Litre/ Minute ?

- Pressure
- Gauge Pressure
- Flow rate (Correct Answer)
- Absolute Pressure

88 Which is not a section of test charts when making testing of machine?

- Performance test
- Geometrical test
- Levelling
- Depreciation test (Correct Answer)

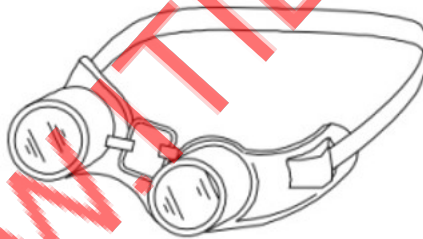
89 Which cycle does not related to PDCA cycle model?

- DEMING CYCLE
- STEWHART CYCLE
- CONTROL CYCLE
- PROTECTIVE CYCLE (Correct Answer)

90 Lead is produced from its ore_____.

- REMLAP
- LAMENT
- PAEAN
- GALENA (Correct Answer)

91 Identify the protection providing by above equipment given in figure?



- High noise level
- Electric shock
- IR rays heat (Correct Answer)
- Hot spatter

92 Which is not a perfect guideline for tool storage?

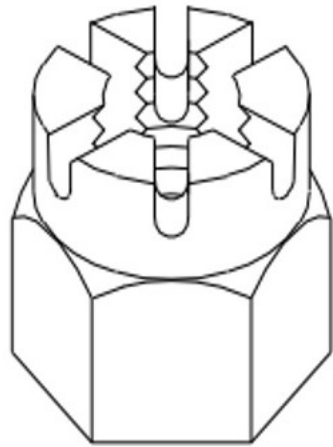
- Store tools in a clean and organized space
- Store tools in an area protected from the elements
- Store tools in a well-moisturise area (Correct Answer)
- Store tools in a well-ventilated area

93 Base circle diameter is denoted by_____.

- df
- ha

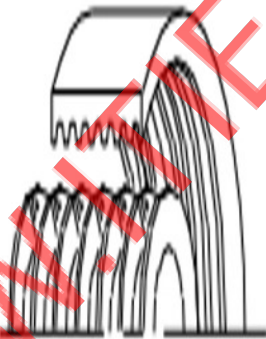
- db (Correct Answer)
- hf

94 Identify the name of above nut type?

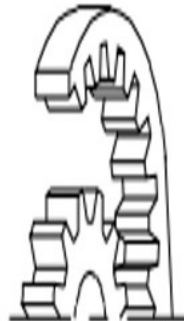


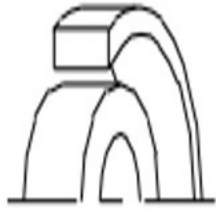
- Castle nut (Correct Answer)
- Slotted nut
- Sawn nut
- Wiles nut

95 Which is shown the Ribbed belt for transmission of power?



(Correct Answer)





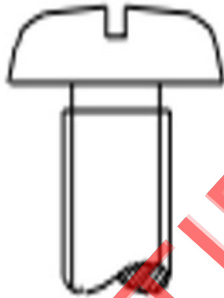
96 Which work can be done by only fixtures?

- Guide the cutting tool
- Drilling and counter boring,
- Countersinking
- Fixed to the machine table (Correct Answer)

97 Which is used for turned components requiring to strength and corrosion resistance, such as valve spindles?

- Cast phosphors bronze
- Admiralty gun-metal
- Drawn phosphors bronze (Correct Answer)
- Low tin bronze

98 Identify the Machine screws type that shown in figure?



- OVAL
- TRUSS
- PAN (Correct Answer)
- ROUND

99 Which type of colour code is used for metal in Waste compaction?

- Yellow
- Blue
- Green
- Red (Correct Answer)

100 Which of the following activity to be performed for do not overload platform, floor and keep material at safe height?

- Disposal of Scrap
- Piling Methods (Correct Answer)
- Cleaning of shop floor
- Material handling

101 Which is correct for breakdown maintenance?

101 Which is correct for breakdown maintenance?

- Predictable activity
- Cost of maintenance is high
- Undertaken only before breakdown
- Undertaken only after breakdown (Correct Answer)

102 Which is not a rainwater harvesting method?

- Percolation trenches
- Direct pipe well method (Correct Answer)
- Service well cum recharge well method
- Soakpit

103 A device used to connect pipes known as_____.

- Unions (Correct Answer)
- The hexagonal nut
- Reducer concentric
- Tee

104 Which type of material is good insulator against nuclear radiation?

- Zinc
- Aluminium
- Lead (Correct Answer)
- Steel

105 The stress on a rounded back can be about _____ than if the spine is kept straight.

- Three times greater
- Five times greater
- Four times greater
- Six times greater (Correct Answer)

106 The melting temperature of copper is_____

- 1201 °C
- 1085°C (Correct Answer)
- 1820°C
- 880°C

107 Which type of skill is used in personal and professional life?

- Soft (Correct Answer)
- Technical
- Machinery
- Hard

108 Which is a part of hacksaw blade?

- Handle
- Centre line (Correct Answer)
- Frame
- Retaining pins

109 Which type of maintenance is undertaken only before to stop breakdown?

- Preventive (Correct Answer)
- Periodic
- corrective
- breakdown

110 what is represent the symbol of documentation as per industrial needs?



- Transport
- Inspection (Correct Answer)
- Operation
- Delay

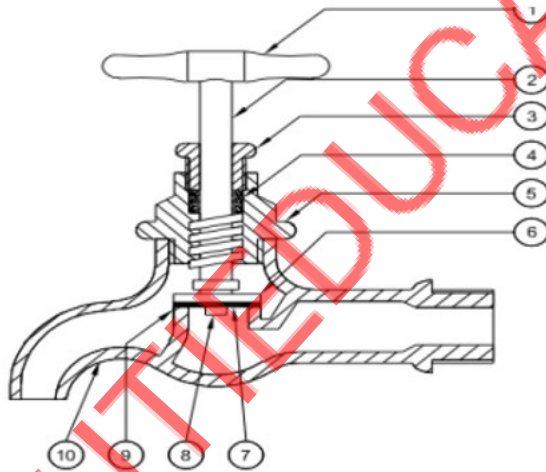
111 What is the advantage of using aluminium alloy over steel?

- Fatigues
- Lower modulus of elasticity, therefore, increased deformation
- Low elongation values
- Can be anodized (Correct Answer)

112 Which method of waste disposal is most sustainable?

- Reuse
- Energy recovery
- Recycle (Correct Answer)
- Compost

113 What is the part name which is indicating with 6 numbers in above figure?



- Washer (rubber/ leather/ fibre)
- Stuffing box/ packing
- Metal disk-holder/ valve disk (Correct Answer)
- Body of the tap

114 Which type of copper alloy is used the least quantity of copper in alloys composition?

- Standard brass
- Muntz metal (Correct Answer)
- Cartridge brass
- Basic brass

115 Which type of Remedy recommended when belt slips?

- Align the pulleys
- Introduce a fly wheel in the drive system
- Provide belt guards
- Reduce the load (Correct Answer)

116 PASS is use for the fire extinguisher, what is the meaning of S which is third position on PASS?

- Squeeze (Correct Answer)
- Stop
- Sweep
- Split

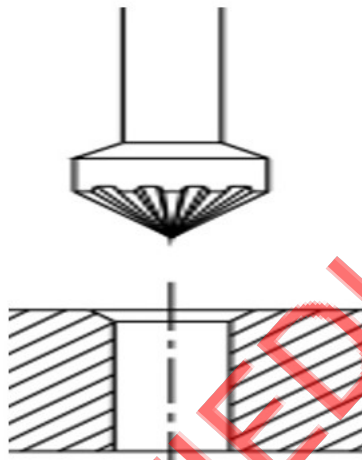
117 Formula for velocity ratio of gear train is_____

- $N_1 T_2 = N_2 T_1$
- $N_2 T_1 = N_1 T_2$
- $N_1 N_2 = T_1 T_2$
- $N_1 T_1 = N_2 T_2$ (Correct Answer)

118 Which pulley have function of the pulley keyed to the shaft is to convey rotation from the driving to the driven pulley by means of a belt?

- Crowned face of pulley
- 'V' groove pulley
- Tight of pulley
- Loose pulley (Correct Answer)

119 The above figures which type of operation perform by Drilling jigs?



- Drill
- Ream
- Counter sink
- Chamfer (Correct Answer)

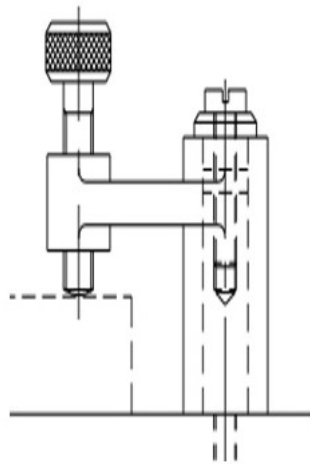
120 Which is not a Jenny caliper?

- Hermaphrodite calipers
- Leg and point calipers
- Plain caliper (Correct Answer)
- Odd leg caliper

121 What process is the workpieces are initially prepared by acid pickling or grit-blasting. They are then placed in a rotating steel barrel containing zinc powder, and heated to a temperature around 370°C.

- Sherardizing (Correct Answer)
- Calorizing
- Cladding
- Chromizing

122 Which type of clamp is shown in above figure?



- Strap clamp
- Latch clamp
- Toggle clamp
- Screw clamp (Correct Answer)

123 Which type of testing is related to non-Destructive Testing?

- Radiography (Correct Answer)
- Crash testing
- Stress testing
- Metallographic Testing

124 The ferrous metal is ----

- Lead
- Copper
- Steel (Correct Answer)
- Aluminium

125 Which is used to distribute the clamping pressure over a larger area, and prevent the surface damaged?

- Washers (Correct Answer)
- Nuts
- Stud bolts
- Screws

126 Which is provided with tendons at its bottom for proper location of the fixture with the machine table through Tee slots for a milling fixture?

- The setting blocks
- Base plate (Correct Answer)
- Standard clamps and locators
- Balancing weight

- 127 Which type of test can be done for carried out to know the grade of accuracy the assembled machine while idle?
- Performance test
 - Levelling test
 - Standard test
 - Geometrical test (Correct Answer)
- 128 Which is produced from Cassiterite?
- Aluminium
 - Zinc
 - Lead
 - Tin (Correct Answer)
- 129 Which type of trouble is produced when centre distance between the pulleys is more?
- Frequent belt spoilage
 - Belt squeals.
 - Belt Slips
 - Belt whips excessively (Correct Answer)
- 130 Which type of machine is known as radial arm cutting machine?
- circle cutting machines
 - Straight line cutting machines
 - Pipe cutting machines
 - Profile cutting machines (Correct Answer)
- 131 Which is related to the sleeve which couples the two shafts comprises two halves bolted together?
- Gear coupling (Correct Answer)
 - Bushed Pin type Coupling
 - Flexible Coupling
 - Chain Coupling
- 132 Levelling of a machine is provided_____.
- levelling can be achieved by the use of laminated shims. (Correct Answer)
 - It should preserve the alignment of the machine
 - It must support the machines at a given height and must be able to take up the static and dynamic loads
 - It should absorb the vibration of the moving parts
- 133 Names of the part of a cutting torch which function to mix the acetylene gas with oxygen?
- Injector (Correct Answer)
 - Oxygen conduit
 - Acetylene gas valve
 - Oxygen hose joint
- 134 Which is not an application of Grid Coupling?
- Gear Boxes
 - Electric Motors
 - Lift machine (Correct Answer)
 - Conveyors
- 135 What is the thickness, if $D=40$ is the dia. of the shaft, width of the key $W= 1/4D+2$ mm. and Nominal thickness $T = 2/3 w$.
- 12mm

- 18mm
- 26mm
- 8mm (Correct Answer)

136 What is the capability of pneumatic torque wrenches range up to a maximum of _____.

- 28,200Nm
- 40,800Nm
- 47,600Nm (Correct Answer)
- 36,500Nm

137 Which is not a type of rigid couplings?

- forged flanged coupling
- Unprotected type flanged coupling
- Muff couplings
- Grid coupling (Correct Answer)

138 What is the correct use of Zinc?

- Preparation of paints
- Preparation of solders
- Insulator against nuclear radiation
- Coated the Galvanized iron sheets (Correct Answer)

139 Which information is not important for ensuring the after repairing of machines?

- It will yield an accurate product
- It has been properly fixed in position
- it has not been distorted in transit
- It has been properly coloured (Correct Answer)

140 Which type of work does not done by try square?

- set workpieces at right angles
- cut on its surface (Correct Answer)
- check the square-ness
- check the flatness

141 In which year the Ozone depleting substances regulation occurs?

- 1982
- 1986
- 2000
- 1989 (Correct Answer)

142 Which type of bushes are used when more than one operation is performed in the same location.

- Press fit bushes
- Slip renewable bushes (Correct Answer)
- Fixed renewable bushes
- Liner bushes

143 Pedestrian crossing sign is considering in which category?

- Cautionary (Correct Answer)
- Mandatory
- Informatory
- Special

144 Which of the following is not including in workshop safety categories?

- Personal safety
- Machine safety
- financial safety (Correct Answer)
- General safety

145 The cheek of a hammer is _____

- Middle portion of the hammerhead (Correct Answer)
- Tightness part of hammer ends
- Handle in the eyehole
- bending

Which is not a Purpose of gears?

146

- To change the direction of rotation
- To get a positive drive
- To change the velocity ratio
- To change the input power of machine (Correct Answer)

147 Which is used for the safe removal of keys from the shaft of any type of machine, motor, compressor etc.?

- Sunk key
- Splines key
- Key puller (Correct Answer)
- Peg feather key

148 Which type fasteners is used in joining belt ing for industrial purposes?

- Alligator (Correct Answer)
- Lagrteral
- Wire type
- Lagrelle

149 Which precautions is not necessary when use of screwdrivers?

- Use screwdrivers with tips correctly fitting into the screw slot
- Make sure your hand and the handle are dry.
- While using a Philips screwdriver apply more downward pressure
- Hold the screwdriver with its axis in right angle with the axis of the screw (Correct Answer)

150 Which is the distance from the point of one tooth to the corresponding point of the adjacent tooth measured on pitch circle?

- Addendum circle
- Root circle
- Circular pitch (Correct Answer)
- Pitch circle diameter