

# ITI Quiz - 02-Jun-2026

## may month E M TRADE

Q. ID: ITISKILL8855E3

June 2026

Question Paper

Duration: 180 Mins

Total Marks: 152

ID: ITISKILL8855E3

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which component opposes any change in current?

- A) Inductor                      B) Capacitor  
C) Resistor                        D) Diode

2. Which is electronic simulation software?

- A) Photoshop                      B) MS Office  
C) AutoCAD                        D) Macspice

3. Which instrument used to measure resistance, capacitance and inductance?

- A) Kelvin bridge                      B) LCR bridge  
C) Wheatstone bridge                      D) Wein bridge

4. Find the total resistance value of 10 ohms and 20 ohms connected in parallel.

- A) 666.6 Ohms                      B) 6666 Ohms  
C) 6.666 Ohms                        D) 66.66 Ohms

5. Which is the 3 terminal, negative voltage regulator IC?

- A) LM 320                              B) IC 7812  
C) LM 340                              D) IC 7905

6. Which type of wave is generated in Schmitt trigger circuit?

- A) Saw tooth wave                      B) Sine wave  
C) Triangular wave                        D) Square wave

7. What is the shape of prohibition sign?

- A) Square                              B) Triangular  
C) Rectangular                        D) Circular

8. Which energy is converted by the battery to produce electricity?

- A) Chemical energy into electrical energy                      B) Electrical energy into mechanical energy  
C) Electrical energy into light energy                      D) Mechanical energy into electrical energy

9. Which of the following is a smart device?

- A) Smart TV                              B) All of these  
C) Smart Phone                        D) Smart Watch

10. What is the range of temperature used in soldering station?

- A) 450 Degree Centigrade to 600 Degree Centigrade                      B) 600 Degree Centigrade to 800 Degree Centigrade  
C) 150 Degree Centigrade to 450 Degree Centigrade                      D) 800 Degree Centigrade to 1000 Degree Centigrade

11. What is the decimal number for the binary number 0101?

- A) 4                                      B) 5  
C) 6                                      D) 7

12. Which type of clipper is that a small portion of the negative half cycle of signal is removed?

- A) Biased negative clipper                      B) Combination clipper  
C) Biased positive clipper                      D) Positive clamper

13. We can learn English by \_\_\_\_?.

- A) Cooking                              B) None of these  
C) Playing                                D) Reading newspaper

14. Which bonding material is used for soldering a joint?

- A) Grease                                B) Flux  
C) Acid                                    D) Oil

15. What is the name of the circuit that shifts the original signal in a vertical upward direction?

- A) Combination clipper circuit                      B) Positive clamping circuit  
C) Peak clipper circuit                      D) Negative clamping circuit

16. Which meter is used to find the exact resistance value of resistors?

- A) Ammeter                              B) Ohm meter  
C) Watt meter                              D) Volt meter

17. How much time is required to make a quality soldered joint using soldering iron?

- A) 7 - 10 seconds                      B) 15 - 20 seconds  
C) 3 - 7 seconds                        D) 10 - 15 seconds

18. \_\_\_\_\_ is called as the brain of the computer.

- A) Monitor B) Web Camera  
C) Trackpad D) Central Processing Unit

19. Which tool is used for the simplest method of skinning wires?

- A) Thermal wire stripper B) Mechanical wire stripper  
C) Manual wire stripper D) Electrician's knife

20. Which circuit is determined by the frequency of LC tank circuit?

- A) Amplifier B) Demodulator  
C) Oscillator D) Multiplexed

21. What is the gate current ( $I_g$ ) of the JFET, when reverse biased?

- A) Practically infinity B) Practically unity  
C) Practically very low D) Practically zero

22. What is the shortcut key for Print?

- A) Ctrl+B B) Ctrl+Z  
C) Ctrl+U D) Ctrl+P

23. Which is the transistor used to operate the Colpitts oscillator?

- A) BF 194B B) AC 188  
C) AC 127 D) BC 148B

24. How many layers of PN - junctions are used in SCR fabrication?

- A) Two layer two junctions B) Three layer three junctions  
C) Four layer three junctions D) Three layer four junctions

25. Values are \_\_\_\_\_. | ಮೌಲ್ಯಗಳು \_\_\_\_\_

- A) all have same value | ಎಲ್ಲಾ ಒಂದೇ ಮೌಲ್ಯವನ್ನು ಹೊಂದಿವೆ B) motivates our attitude and action | ನಮ್ಮ ವರ್ತನೆ ಮತ್ತು ಕ್ರಿಯೆಯನ್ನು ಪ್ರೇರೇಪಿಸುತ್ತದೆ  
C) very costly | ಬಹಳ ದುಬಾರಿ D) not punctual | ಸಮಯಪ್ರಜ್ಞೆಯಿಲ್ಲ

26. What is the shape of mandatory signs?

- A) Square B) Circular  
C) Rectangular D) Triangular

27. Saleem needs to talk about digital skills that are required at work. Which of these works needs digital skills?

- A) Creating and editing documents and worksheets B) All of these  
C) Communicating through emails and chat D) Creating and editing worksheets

28. Which software is used to simulate electronic circuits?

- A) MS office B) Photo shop  
C) Auto cad D) Multi sim

29. Which ratio of tin-lead combination is used for electronic component soldering work?

- A) 63:37:00 B) 60:40:00  
C) 40:60 D) 20:40

30. Full form for OS is\_\_\_\_\_.

- A) Original System B) Opening Screen  
C) Opening Software D) Operating System

31. How the gas and liquefied gases are classified

- A) Class A fire B) Class C fire  
C) Class D fire D) Class B fire

32. What is the process of adding impurities to a pure semiconductor material?

- A) Etching B) Diffusion  
C) Doping D) Forming

33. What type of feed back is used by the Wein-bridge oscillator to oscillate the signal?

- A) Both positive and negative feedback B) Positive feedback  
C) No feedback D) Negative feedback

34. What is stress? | ಒತ್ತಡ ಎಂದರೇನು?

- A) Feeling of delight | ಆನಂದದ ಭಾವನೆ B) Feeling of joy | ಸಂತೋಷದ ಭಾವನೆ  
C) Feeling of frustration / disappointment | ಹತಾಶೆ / ನಿರಾಶೆಯ ಭಾವನೆ D) Feeling of surprise | ಆಶ್ಚರ್ಯದ ಭಾವನೆ

35. Find the total inductance value of two inductors 10H and 15H of connected in series.

- A) 05 H B) 25 H  
C) 15 H D) 10 H

36. What is the main application of photo resistor?

- A) To generate oscillations B) Controls of street lighting systems  
C) Voltage rectification D) Demodulation purpose

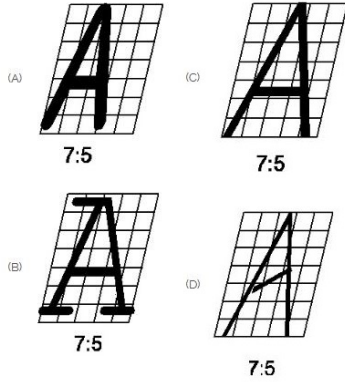
37. What is the purpose of using positive feed back in amplifiers?

- A) To produce modulation B) To produce oscillation  
C) To produce demodulation D) To produce multiplexion

38. Which single stroke inclined letter □ A□ is correct as per IS requirements?

standard? | IS ಮಾನದಂಡದ ಪ್ರಕಾರ ಯಾವ ಏಕ ಸ್ವಲ್ಪ ಇಳಿಜಾರಿನ

ಅಕ್ಷರ □ Aಡರಿಯಾಗಿದೆ?



- A) D  
C) A  
B) B  
D) C

39. Which step is followed for treating a person from electric shock?

- A) Cover the victim with a coat  
C) Provide water  
B) Move the victim to a ventilated place  
D) Keep the victim cold

40. Which type of amplifier is used to operate the loud speaker?

- A) Voltage amplifier  
C) RF amplifier  
B) IF amplifier  
D) Power amplifier

41. Which type of transistors are required to amplify signals from the microphone /transducer?

- A) Epitaxial versa watt transistors  
C) Medium power transistors  
B) High power transistors  
D) Low power transistors

42. What is the natural shape of a quartz crystal?

- A) Cylindrical shape with pyramid at ends  
C) Cube shape with pyramid at ends  
B) Pentagonal prism with pyramid at ends  
D) Hexagonal prism with pyramid at ends

43. What is the percentage of conductivity of electric current in silver?

- A) 1  
C) 0.94  
B) 0.56  
D) 0.67

44. What is the purpose of covering provided over the electrical conductor?

- A) Reduce current flow  
C) Decrease voltage rating  
B) Increase current flow  
D) Protection against weather

45. Which material is used to make LDR for lower end

- A) Cadmium sulfide  
C) Aluminium sulfide  
B) Copper sulfide  
D) Zinc sulfide

46. What is the name of the circuit that shifts the original signal in a vertical downward direction?

- A) Peak clipper circuit  
C) Positive clamping circuit  
B) Negative clamping circuit  
D) Combination clipper circuit

47. What type of packaging is generally used to transistors utilized for low power amplification?

- A) Ceramic packaging  
C) Metal packaging  
B) Plastic packaging with metal heatsinks  
D) Plastic packaging

48. \_\_\_\_\_ is at the top of the MS Word screen.

- A) Space Bar  
C) Menu Bar  
B) Taskbar  
D) Scroll bar

49. Which part of the relay causes most trouble?

- A) Relay coil  
C) Frame and core  
B) Hinges  
D) Relay contacts

50. Which circuits commonly use parallel-fed Hartley oscillators?

- A) Television receivers  
C) Radio receivers  
B) Automatic voltage stabilizers  
D) Stereo amplifiers

51. What is the digital signal value for the analog signal value 6V?

- A) 101  
C) 100  
B) 111  
D) 110

52. Which device is used to test the fully charged condition of a lead acid battery cell?

- A) Multimeter  
C) DC voltmeter  
B) High rate discharge tester  
D) Hydrometer

53. Which electrolyte is used in lead-acid battery?

- A) Zinc chloride  
C) Sulphuric acid  
B) Potassium hydroxide solution  
D) Alkaline solution

54. Which IC package consist of 100 to 1000 transistors?

- A) Medium scale integration (MSI)  
C) Very large scale integration (VLSI)  
B) Large scale integration (LSI)  
D) Small scale integration (SSI)

55. Which is the combination of photo transistor?

- A) Photo diode and transistor  
B) LASER diode and pin diode  
C) Photo transistor and DIAC  
D) Photo resistor and TRIAC

56. How many transistors are built inside the Very Large Scale Integration (VLSI) IC package?

- A) 1000 and above  
B) 10 to 100 transistors  
C) 100 to 1000 transistors  
D) 1 to 10 transistors

57. What is the cause of injuring at the time of lifting a load?

- A) Falling object  
B) Heavy load  
C) Object striking the load  
D) Wrong lifting technique

58. Which materials are used for semiconductor?

- A) Silicon and germanium  
B) Silver and aluminium  
C) Arsenic and antimony  
D) Gallium and indium

59. What is the name of multi-stage amplifiers?

- A) Cascaded amplifier  
B) Cascoded amplifier  
C) Darlington pair amplifier  
D) Complementary symmetry amplifier

60. Which value is equal to one picofarad?

- A) 106 Farad  
B) 10-12 Farad  
C) 10-6 Farad  
D) 1012 Farad

61. Which of the following is the most common operating system?

- A) Printer  
B) MS Office  
C) Windows  
D) Router

62. 1st industrial revolution started in \_\_\_\_\_. | 1 ನೇ ಕೈಗಾರಿಕಾ ಕ್ರಾಂತಿ ಪ್ರಾರಂಭವಾಯಿತು \_\_\_\_\_

- A) 21st century | 21 ನೇ ಶತಮಾನ  
B) 19th century | 19 ನೇ ಶತಮಾನ  
C) 20th century | 20 ನೇ ಶತಮಾನ  
D) 18th century | 18 ನೇ ಶತಮಾನ

63. Which configuration of transistor amplifier is most commonly used in electronic circuits?

- A) Common drain amplifier configuration  
B) Common collector configuration  
C) Common emitter configuration  
D) Common base configuration

64. What is the colour of positive electrode in fully charged lead acid battery?

- A) Grey colour  
B) Reddish brown  
C) Red colour  
D) Spongy grey colour

65. What is the shape of warning sign board?

- A) Circular shape  
B) Triangular shape  
C) Square shape  
D) Hexagonal shape

66. What is the total voltage of six 1.5 V cells, connected in series?

- A) 6 VDC  
B) 12 VDC  
C) 3 VDC  
D) 9 VDC

67. What is the use of screw driver?

- A) Tighten or loosen bolts  
B) Tighten or loosen rivets  
C) Tighten or loosen screws  
D) Hold the screws

68. What is the power supply required to operate the most standard TTL ICs properly?

- A) + 4.75v to + 5.25V  
B) + 1.5v to +2.5V  
C) + 7.5v to + 12V  
D) - 1.5v to - 2.5V

69. What is the use of flip - flop?

- A) It stores energy  
B) It stores voltage  
C) It stores binary information  
D) It stores current

70. How the insulators are called?

- A) Molecules  
B) Thyristors  
C) Semiconductors  
D) Dielectrics

71. Which fire extinguisher is used to put off class C type of fire?

- A) Foam type  
B) Dry powdered  
C) Carbon-di-oxide  
D) Jet of water

72. Which material is used for making instrument cabinets?

- A) Wood  
B) Hard rubber  
C) Plastic  
D) Sheet metal

73. Electrical conductivity of gold is

- A) 94%  
B) 67%  
C) 100%  
D) 56%

74. What is the unit of electric charge?

- A) Volts  
B) Hertz  
C) Ampere  
D) Coulomb

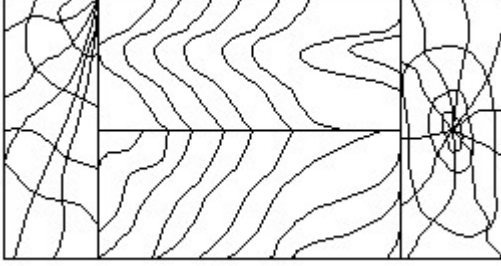
75. 'It is going to be a sunny day tomorrow'. The action in this sentence is in \_\_\_\_\_ tense.

- A) Past  
B) Date  
C) Future  
D) Day

76. What is the disadvantage of the two diode full wave rectifier compared with a bridge rectifier?

- A) Each diode carries half the load current  
B) DC output level is higher  
C) The need of bulky transformer  
D) The ripple frequency is higher

77. Identify the conventional symbol of material? | ವಸ್ತುವಿನ ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



- A) Wood | ಮರ  
B) Glass | ಗಾಜು  
C) Lead | ಲೀಡ್  
D) Paper | ಪೇಪರ್

78. Which device is a unipolar transistor?

- A) FET  
B) UJT  
C) BJT  
D) IGBT

79. \_\_\_\_\_ is the most commonly used word for switching off a computer.

- A) Hang Up  
B) Shut Down  
C) Power On  
D) Switch On

80. Which type of voltage regulator is IC 723?

- A) Three pin positive voltage regulator  
B) Three pin adjustable voltage regulator  
C) Multipin variable voltage regulator  
D) Three pin negative voltage regulator

81. What is the code number of TRIAC?

- A) BFW10  
B) 2N1597  
C) 2N2646  
D) BT136

82. What is the name of the process of converting AC into DC voltage?

- A) Demodulating  
B) Rectifying  
C) Inverting  
D) Amplifying

83. Which application the clamper circuit is used in electronics?

- A) Radars  
B) Storage counters  
C) Radio receivers  
D) Power supplies

84. Which impurity is added to pure semiconductor to form N-type material?

- A) Gallium  
B) Indium  
C) Boron  
D) Arsenic

85. How the single strand wire is called?

- A) Twisted wire  
B) Hook up wire  
C) Flexible wire  
D) Multi strand wire

86. What is the colour code for 100 Ohm resistor?

- A) Brown, brown, brown  
B) Brown, black, brown  
C) Brown, black, red  
D) Black, brown, black

87. What is the unit of electric charge?

- A) Ampere  
B) Coulomb  
C) Hertz  
D) Volts

88. Which circuit is used to clip portion of both positive and negative half cycle of input signal voltage?

- A) Unbiased clipper circuit  
B) Biased negative clipper circuit  
C) Combination clipper circuit  
D) Biased positive clipper circuit

89. To grow yourself you must \_\_\_\_\_. | ನೀವೇ ಬೆಳೆಯಲು ನೀವು ಮಾಡಬೇಕು \_\_\_\_\_

- A) know your country | ನಿಮ್ಮ ದೇಶವನ್ನು ತಿಳಿಯಿರಿ  
B) know yourself | ನಿನ್ನನ್ನು ನೀನು ತಿಳಿಯಿರಿ  
C) know your institute | ನಿಮ್ಮ ಸಂಸ್ಥೆಯನ್ನು ತಿಳಿಯಿರಿ  
D) know your office | ನಿಮ್ಮ ಕಚೇರಿ ತಿಳಿದಿದೆ

90. Which type of amplifier is used to operate the loud speaker?

- A) Voltage Amplifier  
B) Power Amplifier  
C) RF Amplifier  
D) IF Amplifier

91. Which type of soldering is used for electronic circuit?

- A) Hard soldering  
B) Soft soldering  
C) Brazing  
D) Hot soldering

92. What is the reason for electric fire?

- A) Open circuit  
B) Deviation  
C) Proper earthing  
D) Overloading

93. Which band is used for UHF in International Telecommunication System?

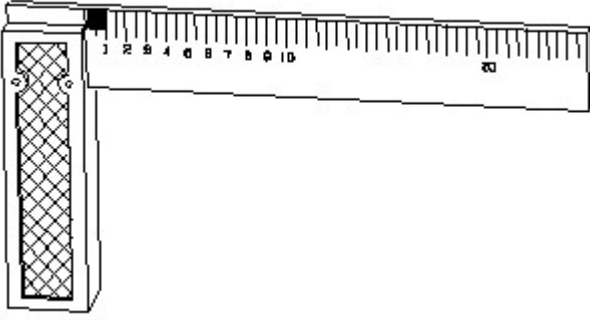
- A) Band 11  
B) Band 6  
C) Band 4  
D) Band 9

94. How many electrons are contained in coulomb of electric

charge?

- A)  $6.25 \times 10^8$  electrons      B)  $6.25 \times 10^{18}$  electrons  
C)  $6.25 \times 10^{16}$  electrons      D)  $6.25 \times 10^{12}$  electrons

95. 1). Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Feeler gauge | ಫೀಲರ್ ಗೇಜ್      B) Surface gauge | ಮೇಲ್ಮೈ ಮಾಪಕ  
C) Try square | ಟ್ರೈ ಸ್ಕ್ವೇರ್      D) Steel rule | ಸ್ಟೀಲ್ ರೂಲ್

96. Compass used to draw for \_\_\_\_. | ಕಂಪಾಸ್ ಅನ್ನು \_\_\_\_\_ ಗೆ ಸೆಳೆಯಲು ಬಳಸಲಾಗುತ್ತದೆ.

- A) circle | ವೃತ್ತ      B) square | ಚದರ  
C) triangle | ತ್ರಿಕೋನ      D) rectangle | ಆಯಾತ

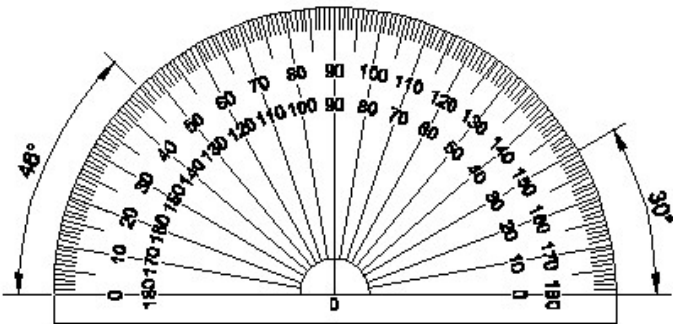
97. Which electrical parameter opposes the flow of electrons?

- A) Voltage      B) Resistance  
C) Current      D) Power

98. Krishna is a teacher, he wants to conduct classes online. Which of these devices can he use?

- A) Computer      B) All of these  
C) Tablet      D) Laptop

99. Identify the name of instrument? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



- A) Set square | ಸೆಟ್ ಸ್ಕ್ವೇರ್      B) Protractor | ಪ್ರೊಟ್ರಾಕ್ಟರ್  
C) T square | ಟಿ ಸ್ಕ್ವೇರ್      D) French curve | ಫ್ರೆಂಚ್ ಕರ್ವ್

100. Jobs that have become outdated in the past 5 years \_\_\_\_\_. | ಕಳೆದ 5 ವರ್ಷಗಳಲ್ಲಿ ಹಳತಾದ ಕೆಲಸಗಳು \_\_\_\_\_

A) uber | ಉಬರ್

B) STD booth | STD ಬೂತ್

C) swiggy | ಸ್ವಿಗ್ಗಿ

D) ola | ಓಲ

101. How many types of soldering is used for joining metal surfaces?

- A) Three      B) Four  
C) Two      D) Five

102. English is a \_\_\_\_\_ language.

- A) Evening      B) Common  
C) Night      D) Day

103. What is the meaning of first letter indicated in the transistor code number BC 107?

- A) Indium material used      B) Antimony material used  
C) Silicon material used      D) Germanium material used

104. What does CPU stand for?

- A) Central power unit      B) Cutting power unit  
C) Cost per unit      D) Central Processing Unit

105. What are the basic components required for a clipping circuit?

- A) Diode and resistor      B) Diode and capacitor  
C) Capacitor and resistor      D) Transistor and diode

106. Which unit is used to measure capacitance value?

- A) Ohm      B) Farad  
C) Mho      D) Henry

107. When does the zener diode begins to conduct in the reverse biased condition?

- A) Voltage across it reached the zener voltage      B) Voltage across zener reached 0.3V  
C) After the barrier voltage cancelled      D) When bias voltage reached 0.7V

108. What is the function of clipper circuit?

- A) Wave shaping      B) Rectification  
C) Amplification      D) Regulation

109. What is the use of photo transistor?

- A) Used in comparator circuit      B) Used as oscillator  
C) Used as demodulator      D) Used as light controlled switch

110. Which component filter the ripples in the rectifier circuit?

- A) Diode      B) TRIAC

C) Capacitor

D) DIAC

111. What is the name of the circuit that shifts the waveform upward or downward without disturbing its shape?

A) Combination clipper circuit

B) Clamper circuit

C) Clipper circuit

D) Biased clipper circuit

112. Vanaja wants to save her excel workbook. How can she do it?

A) By pressing Ctrl and S on the keyboard

B) By closing the sheet

C) By deleting it

D) By writing it

113. What is the full form of the abbreviation PMMC meter?

A) Parallel Magnet Moving Coil meter

B) Position Magnet Moving Coil meter

C) Principle Magnet Moving Coil meter

D) Permanent Magnet Moving Coil meter

114. Which current flows in TRIAC between MT1 and MT2?

A) Principal current

B) Leakage current

C) Reverse current

D) Conventional current

115. What is the advantage of using digital multimeter?

A) Linear scale

B) Accuracy

C) Logarithmic scale

D) Easy portability

116. What is the output pulse frequency of the full wave rectifier with input frequency of 50 Hz?

A) 40 Hz

B) 100 Hz

C) 200 Hz

D) 60 Hz

117. Why transistors made of silicon is preferred over the germanium semiconductor material?

A) Silicon transistor needs low cut-in-voltage

B) Complex design

C) Higher thermal stability

D) Requires complicated bias arrangement

118. Ethics means \_\_\_\_\_. | ನೀತಿಶಾಸ್ತ್ರ ಎಂದರೆ \_\_\_\_\_

A) name of a city | ಒಂದು ನಗರದ ಹೆಸರು

B) decide what is right and wrong for a human conduct | ಮಾನವ ನಡವಳಿಗೆ ಯಾವುದು ಸರಿ ಮತ್ತು ತಪ್ಪು ಎಂದು ನಿರ್ಧರಿಸಿ

C) employability skills | ಉದ್ಯೋಗ ಕೌಶಲ್ಯಗಳು

D) not relevant to society | ಸಮಾಜಕ್ಕೆ ಸಂಬಂಧಿಸಿಲ್ಲ

119. Which parameter is maintained constant in zener diode?

A) Resistance

B) Voltage

C) Current

D) Power

120. What is the name of flux used for soldering electronic components?

A) Resin

B) Mild acid

C) Rosin

D) Organic acid

121. Which fire extinguisher is used to put off class A type of fire?

A) Foam type

B) Jet of water

C) Dry powdered

D) Carbon-di-oxide

122. How the negative feedback is called?

A) Current controlled feedback

B) Regenerative feedback

C) Voltage controlled feedback

D) Degenerative feedback

123. Why NPN type of transistors are preferred over the PNP type transistors?

A) NPN has lower switching speed

B) Low operating voltage

C) NPN has good bias stability

D) NPN has higher switching speed

124. What are the uses of simulation softwares?

A) Replace defective components

B) Design a circuit

C) Solder and desolder components

D) Design and test a circuit

125. Which parameter is measured by a multimeter?

A) Time duration

B) Frequency

C) Voltage

D) Energy

126. Alexa is a \_\_\_\_ assistant.

A) Home Assistant

B) Office Assistant

C) None of these

D) Digital voice controlled

127. What is the full form of the abbreviation SPDT used in switches?

A) Single Phase Dual Throw

B) Shared Pole Double Throw

C) Single Pole Double Throw

D) Single Pole Single Throw

128. What is the name of the pair of metal strips used in battery cell?

A) Electrolyte

B) Electrodes

C) Carbon rod

D) Cathode

129. A person with a growth mindset is always willing to \_\_\_\_\_. | ಬೆಳವಣಿಗೆಯ ಮನಸ್ಥಿತಿ ಹೊಂದಿರುವ ವ್ಯಕ್ತಿಯು ಯಾವಾಗಲೂ \_\_\_\_\_ ಸಿದ್ಧರಿದ್ದಾರೆ.

A) relax | ವಿಶ್ರಾಂತಿ

B) grow, change, learn | ಬೆಳೆಯಿರಿ, ಬದಲಿಸಿ, ಕಲಿಯಿರಿ

C) 10 to 25 Amp

D) 2.5 to 4.5 Amp

C) keep quiet | ಮೌನವಾಗಿರಿ

D) become rich | ಶ್ರೀಮಂತರಾಗುತ್ತಾರೆ

130. Which diode is used in low power communication circuits?

A) Switching diodes

B) Signal diodes

C) High power diodes

D) Rectifier diodes

131. \_\_\_\_\_ is major changes takes place in manufacturing. | \_\_\_\_\_ ತಯಾರಿಕೆಯಲ್ಲಿ ಪ್ರಮುಖ ಬದಲಾವಣೆಗಳು ನಡೆಯುತ್ತವೆ.

A) Water revolution | ಜಲ ಕ್ರಾಂತಿ

B) Industry revolution | ಕೈಗಾರಿಕಾ ಕ್ರಾಂತಿ

C) Food revolution | ಆಹಾರ ಕ್ರಾಂತಿ

D) Green revolution | ಹಸಿರು ಕ್ರಾಂತಿ

132. Which bearing is supporting the shaft of moving coil assembly in a PMMC instrument?

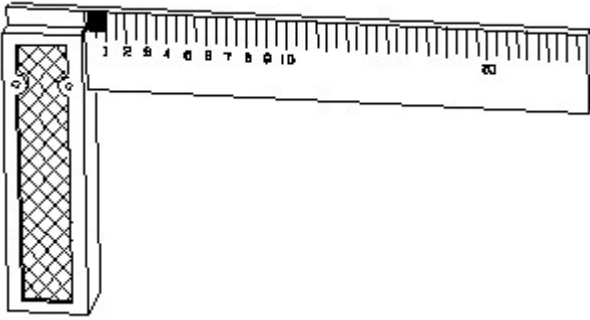
A) Bush bearings

B) Steel bearings

C) Jewelled bearings

D) Gun metal bearings

133. 1). Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



A) Steel rule | ಸ್ಟೀಲ್ ರೂಲ್

B) Surface gauge | ಮೇಲ್ಮೈ ಮಾಪಕ

C) Try square | ಟ್ರೈ ಸ್ಕ್ವೇರ್

D) Feeler gauge | ಫೀಲರ್ ಗೇಜ್

134. Which parameter of passive component can be calculated using the formula ?

A) Capacitance

B) Inductive reactance

C) Inductance

D) Capacitive reactance

135. Which function control in CRO, adjust the trace sharper?

A) Amplitude (V/Div)

B) Intensity

C) Focus

D) Time/Div trigger

136. What is the range of current rating of lead acid batteries used in automobiles?

A) 100 to 400 Amp

B) 5 to 10 Amp

137. An exclamatory sentence ends with the \_\_\_\_.

A) Comma (,)

B) Exclamatory mark (!)

C) Question mark (?)

D) Full stop (.)

138. What is the maximum forward gate current (I<sub>g</sub>) for BFW10 JFET?

A) 20 mA

B) 8 mA

C) 5 mA

D) 10 mA

139. Ramesh is working in Chennai. \_\_\_\_likes the office environment.

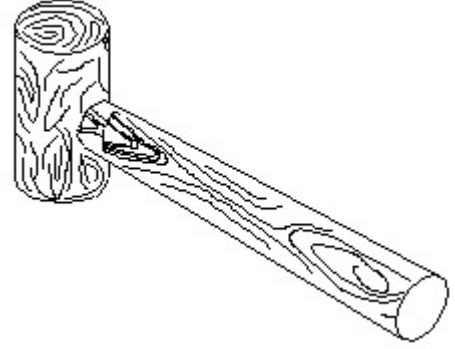
A) That

B) He

C) It

D) What

140. Identify the name of tool? | ಉಪಕರಣದ ಹೆಸರನ್ನು ಗುರುತಿಸುವುದೇ?



A) Cross peen hammer | ಕ್ರಾಸ್ ಪೀನ್ ಸುತ್ತಿಗೆ

B) Straight peen hammer | ಸ್ಟ್ರೈಟ್ ಪೀನ್ ಸುತ್ತಿಗೆ

C) Ball peen hammer | ಬಾಲ್ ಪೀನ್ ಸುತ್ತಿಗೆ

D) Mallet | ಮ್ಯಾಲೆಟ್

141. How batteries are classified?

A) Dry cells and alkaline cells

B) Button cells and lithium cells

C) Primary cells and secondary cells

D) Cylindrical cells and rectangular cells

142. Wow! The flowers in the park are beautiful. This is a \_\_\_\_\_?sentence.

A) Exclamatory (!)

B) Imperative

C) Declarative (.)

D) Interrogative (?)

143. How power rating is specified for transformers?

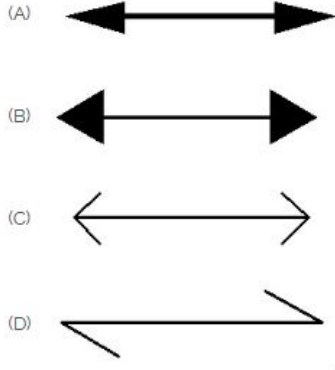
A) Horse power (HP)

B) Watts (W)

C) Volt ampere (VA)

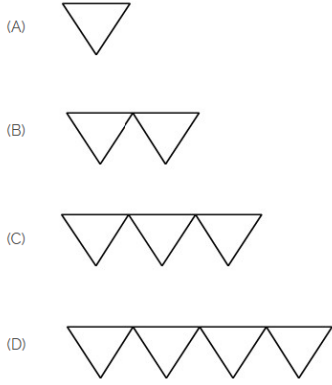
D) Voltage (V)

144. Which arrow head is correct as per standard? | ಮಾನದಂಡದ ಪ್ರಕಾರ ಯಾವ ಬಾಣದ ಹೆಡ್ ಸರಿಯಾಗಿದೆ?



- A) A                      B) C  
C) B                      D) D

145. Which is roughness symbol for roughness grade N8?



- A) D                      B) C  
C) A                      D) B

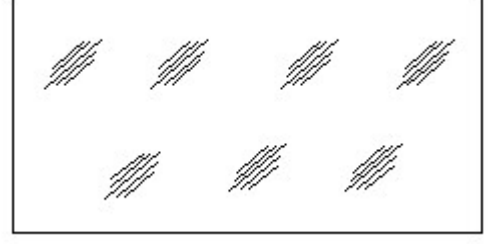
146. Words that are used to name people, places, animals and things are \_\_\_\_\_.

- A) Person                      B) Table  
C) Naming words              D) Key

147. Identify the improper term. | ಅಸಮರ್ಪಕ ಪದವನ್ನು ಗುರುತಿಸಿ.

- A) Green pollution | ಹಸಿರು ಮಾಲಿನ್ಯ              B) Water pollution | ಜಲ ಮಾಲಿನ್ಯ  
C) Sound pollution | ಧ್ವನಿ ಮಾಲಿನ್ಯ              D) Air pollution | ವಾಯು ಮಾಲಿನ್ಯ

148. Identify the conventional symbol of material? | ವಸ್ತುವಿನ ಕನ್ವೆಷನಲ್ ಚಿಹ್ನೆಯನ್ನು ಗುರುತಿಸಿ?



- A) Concrete | ಕಾಂಕ್ರೀಟ್              B) Steel | ಸ್ಟೀಲ್  
C) Glass | ಗಾಜು                      D) Wood | ಮರ

149. Which formula is used to find the conductance?

- A)  $Q / V$                       B)  $I / V$   
C)  $I \times R$                       D)  $V / I$

150. Which condition the mechanical zero error occur in panel meters?

- A) At normal condition              B) At load connected condition  
C) At load connected condition      D) At voltage connected condition

151. Which property of the capacitor stores electrical energy in electrostatic field?

- A) Capacitive reactance              B) Dielectric  
C) Stray capacitance                      D) Capacitance

152. Time management \_\_\_\_\_. | ಸಮಯ ನಿರ್ವಹಣೆ

- A) hard skill | ಕಠಿಣ ಕೌಶಲ್ಯ              B) managing time | ಸಮಯವನ್ನು ನಿರ್ವಹಿಸುವುದು  
C) complete your task on time | ನಿಮ್ಮ ಕೆಲಸವನ್ನು ಸಮಯಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಿ              D) problem solving | ಸಮಸ್ಯೆ ಪರಿಹರಿಸುವ