FINAL ANSWER KEY

Question Paper Code:	153/2026/OL
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Exam:	Mechanical Assistant
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Question1:-What is the name of the operation for making holes on work piece ?

A:-Boring

B:-Drilling

C:-Reaming

D:-Counter sinking

Correct Answer:- Option-B

Question2:-What is the point angle of drill for drilling mild steel ?

A:-80°

B:-90°

C:-118°

D:-120°

Correct Answer:- Option-C

Question3:-What is denoted by 'V' in the formula $V = \frac{\pi dn}{1000}$?

A:-Feed in m/rev.

B:-Feed in mm/rev.

C:-Cutting speed in m/min.

D:-Cutting speed in mm/min.

Correct Answer:- Option-C

Question4:-What is the purpose of a cone pully ?

A:-To change spindle speed

B:-To support the tool

C:-To hold the chuck

D:-To feed the carriage

Correct Answer:- Option-A

Question5:-Which mechanism is most suitable for heavy-duty cutting ?

A:-Rope drive

B:-Belt drive

C:-Gear drive

D:-Friction drive

Correct Answer:- Option-C

Question6:-The inclination angle in orthogonal cutting is

A:-15°

B:-0°

C:-30°

D:-45°

Correct Answer:- Option-B

Question7:-Which cutting method generally gives a better surface finish ?

A:-Oblique cutting

B:-Hand cutting

C:-Orthogonal cutting

D:-None of these

Correct Answer:- Option-A

Question8:-Which part houses the driving mechanism of a slotting machine ?

A:-Bed

B:-Ram

C:-Column

D:-Gear box

Correct Answer:- Option-C

Question9:-What is the required approach distance in slotting operation ?

A:-25 mm

B:-15 mm

C:-35 mm

D:-45 mm

Correct Answer:- Option-A

Question10:-What is the formula to find the internal minor dia of involute spline ?

A:- $\frac{N+1}{P}$

B:- $\frac{N-1.35}{P}$

C:- $\frac{N-1}{P}$

D:- $\frac{N+1.35}{P}$

Correct Answer:- Option-C

Question11:-Which type of tool head is used in general purpose slotters ?

A:-Rotating tool head

B:-Extension tool head

C:-Relieving tool head

D:-Plain type tool head

Correct Answer:- Option-D

Question12:-What is the purpose of quick return mechanism in a slotting machine ?

A:-To reduce idle time

B:-To increase idle time

C:-To increase feeding time

D:-To reduce cutting time

Correct Answer:- Option-A

Question13:-Which of the following statement is correct about the work holding devices of slotter ?
i. For machining angular swivel base vice is used.
ii. For supporting round job 'V' blocks are used.
iii. Sharp clamps are used for clamping work pieces are directly on the machine table.

A:-Only i is correct

B:-Only ii is correct

C:-Only iii is correct

D:-i, ii, iii are correct

Correct Answer:- Option-D

Question14:-What is the clearance angle of parting tool in slotting machine ?

A:-10°

B:-2°

C:-15°

D:-20°

Correct Answer:- Option-A

Question15:-Which of the angles given below is not applicable for a slotting tools ?
i. Frond rake angle
ii. Clearance angle
iii. Side rake angle.

A:-Only i and ii

B:-Only ii and iii

C:-Only i

D:-Only iii

Correct Answer:- Option-D

Question16:-From the following statements, choose the correct one regarding a milling machine.

A:-Work rotates and the tool is fed against work

B:-Both work and tool rotates

C:-Tool rotates and work is fed against tool

D:-All of the above

Correct Answer:- Option-C

Question17:-Find the simple and best method from the following to distinguish a vertical milling machine.

A:-Position of the spindle is perpendicular to the work table

B:-Position of the spindle is horizontal to the work table

C:-The column is vertically mounted on the base

D:-The knee is vertically mounted on the column

Correct Answer:- Option-A

Question18:-Name the part of a milling machine, which is a grey cast iron casting that slides up and down on the vertical ways of the column face.

A:-Saddle

B:-Table

C:-Knee

D:-Arm

Correct Answer:- Option-C

Question19:-Which one of the following is the right statement while a milling machine is concerned ?

A:-Multiple cutting edges removes metal at a very fast rate

B:-The machine can hold one or more cutters at a time

C:-The machine can provide accuracy and better surface finish

D:-All of the above

Correct Answer:- Option-D

Question20:-Name the part which is considered as the extension of the machine spindle on which milling cutters are mounted and rotated.

A:-Front brace

B:-Arbor

C:-Main Spindle

D:-Draw bolt

Correct Answer:- Option-B

Question21:-Which one of the following part is incorporated with spindle drive mechanism in a milling machine ?

A:-Base

B:-Column

C:-Over hanging arm

D:-Saddle

Correct Answer:- Option-B

Question22:-In which direction/axis the feed is to be given while drilling a hole with a horizontal milling machine ?

A:-X-axis

B:-Y-axis

C:-Z-axis

D:-No axis

Correct Answer:- Option-B

Question23:-The portion around the edges of the table of a milling machine to collect the cutting fluid is termed.

A:-Coolant tray

B:-Coolant dispenser

C:-Gutter

D:-Coolant duct

Correct Answer:- Option-C

Question24:-The term which specifies the operation of dividing the circumference of a work piece into equally spaced divisions for gear milling is

A:-Dividing

B:-Layout

C:-Fragmenting

D:-Indexing

Correct Answer:- Option-D

Question25:-Choose the correct statement from the following, if the number of holes in the indexing plate is 45 and slots to be machined is 5.

A:-The pin is inserted in every ninth hole

B:-The pin is inserted in every fifth hole

C:-The pin is inserted in every tenth hole

D:-The pin is inserted in every forty fifth hole

Correct Answer:- Option-A

Question26:-If the removal of chip by each cutting edge of a milling cutter starts at the thinnest part of the chip and progress to the thickest part, the method is termed

A:-Down cut milling

B:-Gang milling

C:-Up cut milling

D:-Straddle milling

Correct Answer:- Option-C

Question27:-Select the correct term which defines the method of milling concave or convex surface and gear cutting.

A:-Form milling

B:-Angular milling

C:-Slot milling

D:-Face milling

Correct Answer:- Option-A

Question28:-The milling cutter tool rake which is suitable for cutting cast iron and brass.

A:-Positive rake

B:-Negative rake

C:-Zero rake

D:-All of the above

Correct Answer:- Option-C

Question29:-The angle of a milling cutter, which is the inclination of the tooth face and is measured from a line joining the center of the cutter and the tip of the tooth is expressed by the term

A:-Clearance angle

B:-Rake angle

C:-Cutting angle

D:-Approaching angle

Correct Answer:- Option-B

Question30:-The operation of producing two vertical surfaces on both sides of a work by two side milling cutters mounted on the same arbor is termed

A:-Gang milling

B:-Slot milling

C:-Plane milling

D:-Straddle milling

Correct Answer:- Option-D

Question31:-Silicon carbide grinding wheels are suitable for grinding

_____

i. stone or ceramics
ii. non-ferrous metals
iii. non-ferrous materials

A:-Only i and iii are correct

B:-Only ii and iii are correct

C:-Only i and ii are correct

D:-i, ii, and iii are correct

Correct Answer:- Option-D

Question32:-Which determines whether the abrasive grains are held lightly or firmly ?

A:-Structure

B:-Amount of abrasive particles

C:-Degree of bond

D:-None of the above

Correct Answer:- Option-C

Question33:-Given below is a wheel specification code :
A 16 P 5 V BE
5 stands for

A:-Medium to dense structure

B:-Coarse grain size

C:-Medium grain size

D:-Fine gran size

Correct Answer:- Option-A

Question34:-Vitrified bonds produce strong rigid grinding wheels that are not affected by
i. Water
ii. Acid or normal temperature changes

A:-Only i is correct

B:-Only ii is correct

C:-i and ii is correct

D:-i and ii is wrong

Correct Answer:- Option-C

Question35:-Which of the following statements are right about organic bonded wheels ?
i. The wheels have a safe higher operating speed.
ii. The wheels are better able to withstand rough usage.
iii. The wheels are used on portable grinders and for rough foundry work.

A:-Only iii

B:-i and iii

C:-i and ii

D:-i, ii and iii

Correct Answer:- Option-D

Question36:-It is a separate part and is fitted on the table for cylindrical works. It is driven by a separate motor fitted with the _____

A:-Wheel head

B:-Work head

C:-Saddle

D:-Column

Correct Answer:- Option-B

Question37:-Specification of tool and cutter grinder.
i. Maximum length of the job that can be ground
ii. Number of spindle speeds available
iii. Maximum breadth of the job that can be ground

A:-Only i and ii are correct

B:-Only ii and iii are correct

C:-Only i and iii are correct

D:-i, ii and iii are correct

Correct Answer:- Option-C

Question38:-The location of the tooth rest depends on
i. The direction of rotation of the grinding wheel
ii. the wheel shape
iii. the types and dimensions of the cutter to be ground
iv. the desired clearance angle.

A:-i, iii and iv

B:-ii, iii and iv

C:-ii and iv

D:-All of the above

Correct Answer:- Option-D

Question39:-How much clearance angle ground for High-Speed Steel (H.S.S.) cutters when machining Low Carbon Steel ?

A:-5°-7°

B:-4°-7°

C:-10°-12°

D:-10°-15°

Correct Answer:- Option-A

Question40:-A loaded wheel can be easily recognized, and the first indications will be
i. A rapid reduction of the cutting action of the wheel
ii. Normal pressure of the work against the wheel has little effect
iii. The volume of sparks produced by the wheel is reduced

A:-i and ii are correct

B:-i and iii are correct

C:-i, ii and iii are correct

D:-None of the above

Correct Answer:- Option-C

Question41:-Which type of chuck jaws used in a CNC turning centres are machined to grip the outside diameter of the workpiece ?

A:-Soft jaws

B:-Hard jaws

C:-Special jaws

D:-None of these

Correct Answer:- Option-A

Question42:-What is the device that converts the mechanical movements of axes in to electrical signals and sends feedback to the control system ?

A:-Decoder

B:-Ball screw

C:-Encoder

D:-LM Guid ways

Correct Answer:- Option-C

Question43:-From the canned cycle program format G72PQUWF, 'U' means

A:-Finishing allowance in Z-axis

B:-Finishing allowance in Y-axis

C:-Feed/mm

D:-Finishing allowance, X-axis

Correct Answer:- Option-D

Question44:-G-code used for multiple turning cycle is

A:-G70

B:-G71

C:-G28

D:-G90

Correct Answer:- Option-B

Question45:-In ISO standard tool inserts CNMG120408, 'N' means

A:-Shape of inserts

B:-Tolerance

C:-Relief angles

D:-Overall geometry of tool

Correct Answer:- Option-C

Question46:-Which of the following safety checks can be performed while machining on a CNC machine ?

A:-Check voltage and current

B:-Check the clamping devices

C:-Input missing feed rate in the program

D:-Check the chuck functions

Correct Answer:- Option-C

Question47:-In CNC machines all axes have its own internal origin point is called

A:-Machine zero point

B:-Work offset point

C:-Reference return point

D:-None of these

Correct Answer:- Option-A

Question48:-In CNC vertical machining centres, the function of code G17 is

A:-Select XZ plane

B:-Select XY plane

C:-Matric input

D:-Zero offset

Correct Answer:- Option-B

Question49:-In which mode we can enter CNC programs in to the control memory and modify current program ?

A:-MDI mode

B:-Auto mode

C:-Edit mode

D:-None of these

Correct Answer:- Option-C

Question50:-From the below CNC vertical machining centre program format G83XYZRQFK-'Q' means

A:-Hole position

B:-Number of repeats

C:-Cutting feed rate

D:-Depth of cut for each cutting feed

Correct Answer:- Option-D

Question51:-In ABC of first aid, which one of the following stands for ABC ?

A:-Airway, breathing, chocking

B:-Airway, bleeding, circulation

C:-Airway, bleeding, chocking

D:-Airway, breathing, circulation

Correct Answer:- Option-D

Question52:-Which one of the following tool is used for locating center of round bars ?

A:-Protractor head of combination set

B:-Square head of combination set

C:-Odd leg caliper

D:-Divider

Correct Answer:- Option-C

Question53:-Which one of the following is not a part of universal surface gauge ?

A:-Rocker arm

B:-Snug

C:-Scriber

D:-Spirit level

Correct Answer:- Option-D

Question54:-Which one of the following chisel is used for cutting Keyways and rectangular grooves ?

A:-Cape chisel

B:-Diamond point chisel

C:-Flat chisel

D:-Web chisel

Correct Answer:- Option-A

Question55:-Which one of the following statement is not correct about flat file ?

A:-Both edges of flat file are parallel towards the point

B:-Flat files are rectangular in cross section

C:-Tang of flat file is usually not hardened

D:-Both edges of the flat file is single cut

Correct Answer:- Option-A

Question56:-While hacksawing, which one of the following is the reason why the width of the cut (kerf) is wider than the thickness of the blade body ?

A:-Because of using worn-out blade

B:-Because of using a wave-set blade

C:-Because of using rusty blade

D:-Because of using blade with bend

Correct Answer:- Option-B

Question57:-Which one of the following terms describes the distance advanced by a twist drill in one complete revolution ?

A:-Cutting speed

B:-Depth of cut

C:-RPM

D:-Feed

Correct Answer:- Option-D

Question58:-Which one of the following processes involves breaking down materials into simpler organic matter that can be used as manure ?

A:-Composting

B:-Recycling

C:-Incineration

D:-Waste compaction

Correct Answer:- Option-A

Question59:-Which one of the following operation is used for accommodating Hexagonal socket head cap screws ?

A:-Countersinking

B:-Spot facing

C:-Counter boring

D:-Reaming

Correct Answer:- Option-C

Question60:-Which one of the following bonds is used for manufacturing heavy-duty, large-diameter grinding wheels that require a fine finish ?

A:-Silicate bond

B:-Shellac bond

C:-Rubber bond

D:-Resinoid bond

Correct Answer:- Option-B

Question61:-Which one of the statements is correct about vernier height gauge ?
I. Vernier height gauge is used for angle marking.
II. Vernier height gauge is used for measuring the width of the slot and external dimension.
III. Vernier height gauge is used for measuring depth.
IV. Vernier height gauge is used for measuring depth with a depth attachment.

A:-Only I and IV

B:-Only II and III

C:-Only II and IV

D:-Only III and IV

Correct Answer:- Option-C

Question62:-Which one of the statements is correct about vernier bevel protractor ?

I. Vernier bevel protractor is a precision instrument for measuring angles to an accuracy of 5 minutes.
II. Vernier bevel protractor is used for setting work-holding devices to angles on machine tools, work tables.
III. Vernier bevel protractor is a precision instrument for measuring angles to an accuracy of one minute.
IV. Vernier bevel protractor is used for measuring angles and length.

A:-Only I

B:-Only I and III

C:-Only I and IV

D:-Only II and IV

Correct Answer:- Option-A

Question63:-Which one of the statements is correct about vernier caliper ?
I. Vernier caliper should be used only to measure machined or filed surface.
II. Vernier caliper should be used only to measure irregular surface.
III. Vernier caliper should be used only to measure angular surface.

A:-Only III

B:-Only I

C:-Only I and III

D:-Only II and III

Correct Answer:- Option-B

Question64:-Which one of the statements is correct about micrometer ?
I. In metric micrometers, the pitch of the spindle thread is 0.75 mm.
II. In metric micrometer, the pitch of the spindle thread is 0.25 mm.
III. In metric micrometers, the pitch of the spindle thread is 0.125 mm.
IV. The distance moved by the spindle during one rotation of the thimble is 0.5 mm.

A:-Only I and IV

B:-Only I

C:-Only III

D:-Only IV

Correct Answer:- Option-D

Question65:-Which one of the statements is correct about Pig-iron ?
I. A low amount of carbon makes the Pig-iron very soft and brittle.

II. A high amount of carbon makes the Pig-iron very soft and brittle, and unsuitable for making any useful article.
III. A high amount of carbon makes the Pig-iron very hard and brittle, and unsuitable for making any useful article.

A:-Only I and III

B:-Only III

C:-Only III and II

D:-Only II

Correct Answer:- Option-B

Question66:-Which one of the statements is correct about cast iron ?
I.Cast iron is an alloy of iron, carbon and silicon. The carbon content ranges from 2 to 4%.
II. Cast iron is an alloy of iron, carbon and silicon. The carbon content ranges from 5 to 8%.
III. Cast iron is an alloy of copper and zinc. The carbon content ranges from 2 to 4%.

A:-Only III

B:-Only II

C:-Only I

D:-Only I and III

Correct Answer:- Option-C

Question67:-Which one of the statements is correct about wrought iron ?
I. Wrought iron is the purest of iron.
II. The analysis of wrought iron shows as much as 49.99% of iron.
III. The analysis of wrought iron shows as much as 99.99% of iron.

A:-Only I

B:-Only II and III

C:-Only III

D:-Only I and III

Correct Answer:- Option-D

Question68:-Which one of the statements is correct about Aluminium ?
I. Aluminium is a ferrous metal which is extracted from bauxite.
II. Melting point of Aluminium is 860°C.
III. Aluminium is soft and ductile, and has low tensile strength.

A:-Only II and III

B:-Only III

C:-Only I

D:-Only II and I

Correct Answer:- Option-B

Question69:-Which one of the statements is correct about Annealing ?
I. To increase wear resistance and cutting ability.
II. To refine the grain structure of the steel.
III. To eliminate strain/hardness and improve machinability.
IV. To induce toughness and shock resistance.

A:-Only III

B:-Only I and IV

C:-Only I

D:-Only III and IV

Correct Answer:- Option-A

Question70:-Which one of the statements is correct about hardening ?
I. Hardening affects the mechanical properties of steel like strength, toughness, ductility.
II. Hardening process consisting of reheating the steel to a temperature below 400°C.
III. To develop high hardness and wear resistance properties.

A:-Only I

B:-Only I and III

C:-Only II and III

D:-Only II

Correct Answer:- Option-B

Question71:-Which one of the statement is correct about Tempering ?
I. Tempering is a heat treatment process consisting of heating the steel to a temperature below 600°C.

II. Tempering is a heat treatment process consisting of reheating the hardened steel to a temperature below 800°C, followed by cooling.
III. Tempering is a heat treatment process consisting of reheating the hardened steel to a temperature below 400°C, followed by cooling.

A:-Only I and II

B:-Only II

C:-Only I

D:-Only III

Correct Answer:- Option-D

Question72:-Which one of the statements is correct about Soaking time ?
I. For soaking time in normal conditions is 10 minutes per 20 mm of thickness for carbon and low alloy steel.
II. For soaking time in normal conditions is 20 minutes per 10 mm of thickness for carbon and low alloy steel.
III. For soaking time in normal conditions is 5 minutes per 10 mm of thickness for carbon and low alloy steels.

A:-Only III

B:-Only I and II

C:-Only I

D:-Only II and III

Correct Answer:- Option-A

Question73:-Which statements are true ?
1. Soft solders are alloys of tin and zinc.
2. Dolly is used to form the final shape of the rivet.
3. Beak iron stake has two horns, one of which is tapered other is a rectangular shaped.
4. Lead sheets are used for making the highly corrosive acid tank.

A:-1 and 2

B:-3 and 4

C:-1 and 3

D:-2 and 4

Correct Answer:- Option-B

Question74:-Select wrong statements :
1. Welding supply is low voltage high current supply.

2. The straight polarity means the electrode cable is connected to positive terminal.
3. The terms low pressure and high pressure system used in oxy-acetylene welding refer only to acetylene pressure high or low.
3. Ferrous and non-ferrous metals can be cut with oxy-acetylene gas cutting.

A:-1 and 2

B:-3 and 4

C:-1 and 3

D:-2 and 4

Correct Answer:- Option-D

Question75:-The gauge used for measuring the thickness of thin sheets is _____

A:-Standard wire gauge

B:-Ring gauge

C:-Feeler gauge

D:-Snap guage

Correct Answer:- Option-A

Question76:-In a fit, the difference between the size of hole and size of shaft is always positive. Then the fit is _____

A:-Interference fit

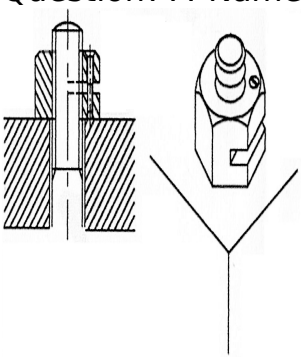
B:-Transition fit

C:-Clearance fit

D:-Tolerance fit

Correct Answer:- Option-C

Question77:-Name the nut shown in the figure.



A:-Wiles nut

B:-Simmonds nut

C:-Castle nut

D:-Slotted nut

Correct Answer:- Option-A

Question78:-In which lathe operation the tool feed at right angle to the lathe axis ?

A:-Taper turning

B:-Plane turning

C:-Facing

D:-Drilling

Correct Answer:- Option-C

Question79:-The lathe bed is made by _____

A:-Wrought iron

B:-Cast iorn

C:-Mild steed

D:-High carbon steel

Correct Answer:- Option-B

Question80:-Which statement is wrong about lathe ?

A:-Head stock transmit power from main motor to work piece

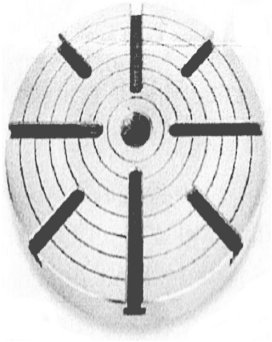
B:-Mandrel is a work holding device

C:-Lathe carrier is used along with catch plate to drive work piece between centres

D:-Steady rest is moved along with carriage

Correct Answer:- Option-D

Question81:-Identify the lathe accessory.



A:-Four jaw chuck

B:-Face plate

C:-Catch plate

D:-Drive plate

Correct Answer:- Option-B

Question82:-Which one of the following is a non-metallic tool material ?

A:-High speed steel

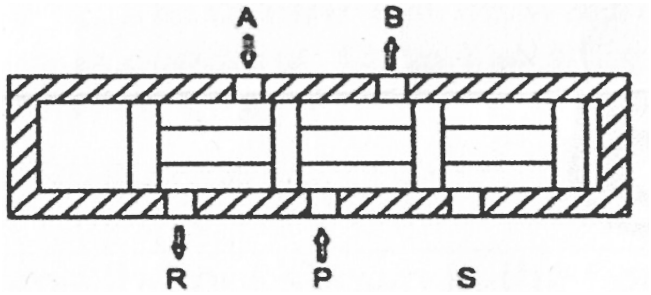
B:-Stellate

C:-Ceramics

D:-Carbides

Correct Answer:- Option-C

Question83:-Name the direction control valve shown in the figure.



A:-5/2 DCV

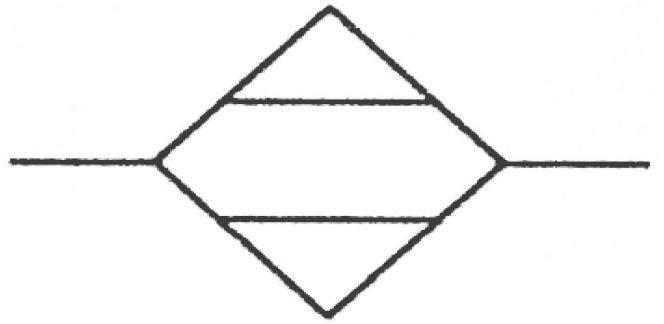
B:-5/3 DCV

C:-2/3 DCV

D:-3/2 DCV

Correct Answer:- Option-A

Question84:-The pneumatic symbol shown in figure was represent _____



A:-Lubricator

B:-Filter

C:-Pneumatic motor

D:-Dryer

Correct Answer:- Option-D

Question85:-Which one of the following is not a good property of hydraulic fluid ?

A:-Low viscosity index

B:-Low foaming tendency

C:-Low temperature fluidity

D:-Fire resistance

Correct Answer:- Option-A

Question86:-Which of the following statement is/are correct in case of 'cap screws' ?
i. A cap screw is fitted through a clearance hole in one of the piece and screws into a threaded hole.
ii. Cap screws are manufactured to closer tolerance than machine bolts.
iii. Nuts are not included with cap screws.

A:-Only i and iii

B:-Only ii

C:-Only iii

D:-All of the above (i, ii and iii)

Correct Answer:- Option-D

Question87:-What is the ratio of taper in key way ?

A:-1:100

B:-1:50

C:-1:90

D:-2:75

Correct Answer:- Option-A

Question88:-Which of the following statements is/are correct in case of 'Set screws' ?
i. Set screws are used to prevent pulleys from slipping on shafts.
ii. Set screws are used to positioning and holding collars in place, on shafts and holding shafts in place in assemblies.
iii. Set screws are used to joining two heavy part.

A:-Only i

B:-Only ii

C:-Only i and ii

D:-All of the above

Correct Answer:- Option-C

Question89:-Which abrasive is considered as ideal for lapping hardened steel and cast iron ?

A:-Aluminium oxide

B:-Boron carbide

C:-Silicon carbide

D:-Diamond

Correct Answer:- Option-C

Question90:-What will be the width of saddle key if the diameter of shaft is 32 mm ?

A:-10 mm

B:-16 mm

C:-5 mm

D:-12 mm

Correct Answer:- Option-A

Question91:-Which of the following statement is/are correct about use of bearing ?
i. Support and hold the shaft in a fixed position.
ii. Allow the shaft to run freely.
iii. Minimise the rubbing action.

A:-
All of the above (i, ii and iii)

B:-Only i

C:-Only ii

D:-Only ii and iii

Correct Answer:- Option-A

Question92:-Which among the following bearing can take a vertical thrust load but cannot take any radial load ?

A:-Needle bearing

B:-Tapered roller bearing

C:-Thrust ball bearing

D:-Roller bearing

Correct Answer:- Option-C

Question93:-Which fitting is used to close a pipeline having internal threads ?

A:-Coupling

B:-Caps

C:-Reducer

D:-Plug

Correct Answer:- Option-D

Question94:-Which valve is used to control flow and is only kept in either open or closed position ?

A:-Needle valve

B:-Globe valve

C:-Gate valve

D:-Non-return valve

Correct Answer:- Option-C

Question95:-What is the purpose of drill bushes provided in the drill jig ?

A:-To support base plate

B:-To support drill plate

C:-To restrict the movement of job

D:-To locate and guide cutting tool

Correct Answer:- Option-D

Question96:-Which type of fixture is used for machining components at equally spaced features around their circumference ?

A:-Plate fixture

B:-Indexing fixtures

C:-Modified angle plate fixture

D:-Vice jaw fixture

Correct Answer:- Option-B

Question97:-Why vertical belt drives should be avoided in power transmission ?

A:-Because of small wrapping of belt

B:-Because of excessive contact

C:-Because of gravitational pull and slippage

D:-Because of increase in surface speed of pulleys

Correct Answer:- Option-C

Question98:-Which of the following statement is/are correct about the elements of a spur gear ?
i. Module is the ratio of the pitch diameter to the number of teeth of a gear.
ii. Circular pitch is the distance from a point on one tooth to the corresponding point on the adjacent tooth measured along the pitch circle.
iii. Dedendum is the radial distance between the pitch circle and the root circle.

A:-Only i

B:-Only ii

C:-Only i and ii

D:-All of the above (i, ii and iii)

Correct Answer:- Option-D

Question99:-Which type of coupling is used to connect two accurately aligned shafts and maintain their alignment during power transmission ?

A:-Plate coupling

B:-Clamp coupling

C:-Safety coupling

D:-Universal coupling

Correct Answer:- Option-A

Question100:-Which metal is used to make soldering iron ?

A:-Bronze

B:-Lead

C:-Copper

D:-High carbon steel

Correct Answer:- Option-C