

PROVISIONAL ANSWER KEY

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Question1:-The Schedule of Constitution which the list of recognized languages

- A:-Fifth
- B:-Eighth
- C:-Tenth
- D:-Eleventh

Correct Answer:- Option-B

Question2:-Which Article deals with the Fundamental Rights to Constitutional Remedies ?

- A:-Article 21
- B:-Article 32
- C:-Article 33
- D:-Article 19

Correct Answer:- Option-B

Question3:-The provisions regarding Emergency has been adopted from

- A:-Germany
- B:-Russia
- C:-USA
- D:-UK

Correct Answer:- Option-A

Question4:-Who administers the Oath of office to the President of India ?

- A:-Chief Justice
- B:-Solicitor General
- C:-Attorney General
- D:-Vice President

Correct Answer:- Option-A

Question5:-The Right to Education was added as a Fundamental Right by which amendment ?

- A:-` 86^(th)`
- B:-` 75^(th)`
- C:-` 96^(th)`
- D:-` 100^(th)`

Correct Answer:- Option-A

Question6:-The first Malayalam printing press in Kerala was established at

- A:-Ernakulam
- B:-Chennamangalam
- C:-Kottayam
- D:-Alwaye

Correct Answer:- Option-C

Question7:-Sadhu Jana Paripalana Yoggam was established by

- A:-Velukutty Arayan
- B:-C.V. Kunjuraman
- C:-Ayyankali
- D:-C.Kesavan

Correct Answer:- Option-C

Question8:-The agitation which was conducted to protest against the Constitutional Reforms of 1932

- A:-Channar Agitation
- B:-Civic Rights Agitation
- C:-Malayali Memorial
- D:-Abstention Movement

Correct Answer:- Option-D

Question9:-The Diwan who was criticized by Swadesabhimani Ramakrishna Pillai ?

A:-Colonel Monroe
B:-Sir C. P. Ramaswamy Iyer
C:-R. K. Shanmugham Chetty
D:-P. Rajagopalachari
Correct Answer:- Option-D

Question10:-The book 1114 nte katha deals with the life history of

A:-Akkamma Cherian
B:-Anna Chandy
C:-Kuttimalu Amma
D:-Lalitha Prabhu
Correct Answer:- Option-A

Question11:-The destination of Pattini Jatha

A:-Payyannur-Chennai
B:-Kannur-Chennai
C:-Kannur-Thiruvananthapuram
D:-Payyannur-Mumbai
Correct Answer:- Option-B

Question12:-The famous freedom fighter of Kerala who was the grandson of the Raja of Palghat ?

A:-G. P. Pillai
B:-C. Kesavan
C:-C.V. Kunjuraman
D:-K. P. Kesava Menon
Correct Answer:- Option-D

Question13:-Kumaran Asan's poem Veenapoovu was first published in

A:-Malayalee
B:-Kerala Kaumudi
C:-Bhashaposhini
D:-Mithavadi
Correct Answer:- Option-D

Question14:-The novel Enippadikal was written by

A:-Thakazhi Sivasankara Pillai
B:-Kumaran Asan
C:-Vaikom Muhammed Basheer
D:-Changampuzha Krishna Pillai
Correct Answer:- Option-A

Question15:-Who among the following has not received Jnanapeedam ?

A:-G.Sankara Kurup
B:-Vaikom Muhammed Basheer
C:-Thakazhi Sivasankara Pillai
D:-S.K. Pottakkadu
Correct Answer:- Option-B

Question16:-The first Asian to receive the Hoover Medal

A:-N.R. Narayana Murthy
B:-Joseph J. Jacob
C:-Peter C. Goldmark
D:-A.P.J. Abdul Kalam
Correct Answer:- Option-D

Question17:-Nicolas Maduro became the President of

A:-Argentina
B:-Brazil
C:-Venezuela
D:-Cuba
Correct Answer:- Option-C

Question18:-The popular name for Chola Lake

A:-Kaduvetti lake
B:-Bay of Bengal
C:-Chetput lake
D:-Indian Ocean
Correct Answer:- Option-B

Question19:-Burning candle wrapped in barbed wire is the logo of

- A:-International Committee of Red Cross
 - B:-Interpol
 - C:-Amnesty International
 - D:-Migrant Rights International
- Correct Answer:- Option-C

Question20:-Dr. Ruth Shah died recently at

- A:-Germany
- B:-Kabul
- C:-Karachy
- D:-England

Correct Answer:- Option-C

Question21:-Setting of the saw

- A:-make the free movement of the blade
- B:-prevents the saw blade binding when penetrating into the materials
- C:-the cut is to be broader than the thickness of the saw blade
- D:-all of the above

Correct Answer:- Option-D

Question22:-Universal surface gauges are used for

- A:-spindle can be set of any position
- B:-fine adjustments can be made quickly
- C:-can be used on cylindrical surfaces
- D:-all of the above

Correct Answer:- Option-D

Question23:-Centre head of a combination set is used for

- A:-90° angle
- B:-90° and 45° angles
- C:-locating the centre of a cylindrical job
- D:-parallelism

Correct Answer:- Option-C

Question24:-Flutes or spiral grooves are used in drill are

- A:-to form the cutting edge
- B:-the coolant to flow to the cutting edge
- C:-both A and B
- D:-none of the above

Correct Answer:- Option-C

Question25:-_____ is the distance a drill advances in to the work in one complete rotation.

- A:-feed
- B:-speed
- C:-cutting speed
- D:-cutting metals

Correct Answer:- Option-A

Question26:-_____ are to use the check the internal and external radius of work piece.

- A:-feeler gauge
- B:-radius gauge
- C:-drill gauge
- D:-all of the above

Correct Answer:- Option-B

Question27:-What is the use of the cutting fluids or coolants ?

- A:-carry away the heat generated during cutting operation
- B:-flush away the chips from the cutting point
- C:-produced good quality finish
- D:-all of the above

Correct Answer:- Option-D

Question28:-Chisels are made of

- A:-mild steel
- B:-high carbon steel
- C:-medium carbon steel
- D:-alloy steel

Correct Answer:- Option-B

Question29:-least count of a micrometer is

- A:-0.01 mm
- B:-0.001 mm
- C:-0.02 mm
- D:-0.002 mm

Correct Answer:- Option-A

Question30:-_____ is a precision instrument meant for measuring angle precisely to an accuracy of 5 minutes.

- A:-vernier bevel protractor
- B:-micrometer
- C:-vernier caliper
- D:-bevel protractor

Correct Answer:- Option-A

Question31:-_____ is an operation of beveling the end of the drilled hole.

- A:-countersinking
- B:-counterboring
- C:-spot facing
- D:-reaming

Correct Answer:- Option-A

Question32:-ISO metric thread is designated as M12 × 1.25. What is 1.25 ?

- A:-diameter of the thread
- B:-length of the thread
- C:-pitch of the thread
- D:-thickness of the bolt head

Correct Answer:- Option-C

Question33:-When two machined components are assembled a small gap is needed between two parts is called

- A:-clearance hole
- B:-one part is defective
- C:-hole is not standard
- D:-all of the above

Correct Answer:- Option-C

Question34:-_____ is the difference between the maximum limit of size and minimum limit of height.

- A:-deviation
- B:-upper deviation
- C:-lower deviation
- D:-tolerance

Correct Answer:- Option-A

Question35:-Least count of a vernier micrometer is

- A:-5 minutes
- B:-0.02 mm
- C:-0.001 mm
- D:-0.01 mm

Correct Answer:- Option-A

Question36:-Cast iron is manufactured from

- A:-blast furnace
- B:-cupola furnace
- C:-puddling furnace
- D:-electric process

Correct Answer:- Option-D

Question37:-The purpose of annealing are

- A:-to obtain softness
- B:-to relieve internal process
- C:-both A and B
- D:-none of the above

Correct Answer:- Option-C

Question38:-Zinc coated iron is called

- A:-tin
- B:-brass
- C:-bronze

D:-galvanized iron

Correct Answer:- Option-D

Question39:- _____ flame is used to weld most of the common metals, in oxyacetylene gas welding.

A:-neutral flame

B:-oxidising flame

C:-carburising flame

D:-none of the above

Correct Answer:- Option-A

Question40:-Which metals have highest melting point ?

A:-high speed steel

B:-diamond

C:-wrought iron

D:-tungsten

Correct Answer:- Option-D

Question41:-Lathe bed is made of

A:-mild steel

B:-cast iron

C:-wrought iron

D:-high carbon steel

Correct Answer:- Option-B

Question42:-Cutting tool material following qualities

A:-cold hardness

B:-red hardness

C:-toughness

D:-all of the above

Correct Answer:- Option-D

Question43:-A fit which may sometimes provide clearance, sometimes

A:-clearance fit

B:-transition fit

C:-interference

D:-fit

Correct Answer:- Option-B

Question44:- _____ is a precision instrument for checking and setting of angles.

A:-vernier caliper

B:-bevel protractor

C:-sine bar

D:-vernier bevel protractor

Correct Answer:- Option-C

Question45:- _____ is a precision finishing operation carried out using fine abrasive materials.

A:-honing

B:-surface finishing

C:-reaming

D:-lapping

Correct Answer:- Option-D

Question46:- _____ when added to steel improve corrosion resistance, toughness and hardness of steel.

A:-chromium

B:-nickel

C:-manganese

D:-silicon

Correct Answer:- Option-A

Question47:-A special device which holds, supports, locates and also guide the cutting tool during operation is called

A:-fixtures

B:-jig

C:-four jaw chuck

D:-pin vice

Correct Answer:- Option-B

Question48:-Riveting is a method of making _____ joints.

A:-semi permanent

B:-permanent

C:-temporary

D:-hard

Correct Answer:- Option-B

Question49:-Brass is an alloy of

A:-copper and tin

B:-copper and lead

C:-copper and zinc

D:-copper and aluminium

Correct Answer:- Option-C

Question50:-Purpose of using lubrication

A:-reduces friction

B:-prevents wear

C:-both A and B

D:-none of the above

Correct Answer:- Option-C

Question51:-The temperature at which the oil catches fire and continues to be in flame is called

A:-flash point

B:-fire point

C:-pour point

D:-oiliness

Correct Answer:- Option-B

Question52:-Machining processes that involve the removal of material in the form of chips can be called

A:-conventional machining process

B:-electro discharge machining process

C:-nonconventional machining process

D:-electro chemical machining process

Correct Answer:- Option-A

Question53:-Purpose of machine foundation

A:-it must support the machines at the given height and must be able to take up static and dynamic loads

B:-it should preserve the alignment of the machine

C:-it should absorb the vibration of the moving parts

D:-all of the above

Correct Answer:- Option-D

Question54:-10 machinists completed a work in 9 days. How long will it take for 15 machinists to do the same work ?

A:-5 days

B:-6 days

C:-7 days

D:-8 days

Correct Answer:- Option-B

Question55:-The square root of 0.04 is

A:-0.2

B:-0.02

C:-0.6

D:-0.4

Correct Answer:- Option-C

Question56:-The cutting speed is expressed in

A:-millimeter/sec

B:-meter/sec

C:-millimeter/min

D:-meter/min

Correct Answer:- Option-D

Question57:-The conic section obtained by cutting plane parallel to the axis of cone is

A:-Ellipse

B:-Parabola

C:-Hyperbola

D:-None of the above

Correct Answer:- Option-C

Question58:-The rate of change of displacement of a body is called

A:-acceleration

- B:-velocity
- C:-momentum
- D:-distance

Correct Answer:- Option-B

Question59:-In a power transmission system rotary motion is converted in to linear motion or vice versa

- A:-rack and pinion
- B:-bevel gear
- C:-worm shaft worm gear
- D:-hypoid gears

Correct Answer:- Option-A

Question60:-System International (S.I.) unit of force is

- A:-joule
- B:-newton
- C:-kilogram
- D:-pound

Correct Answer:- Option-B

Question61:-The working of a bench vice is based upon

- A:-Screw thread
- B:-Bonding
- C:-Gears
- D:-Slotted lever

Correct Answer:- Option-A

Question62:-The least count of a vernier caliper is

- A:-0.02 mm
- B:-0.5 mm
- C:-0.01 mm
- D:-0.001 mm

Correct Answer:- Option-A

Question63:-Which among the following is an artificial abressive ?

- A:-Emeri
- B:-Diamond
- C:-Corundum
- D:-Aluminium oxide

Correct Answer:- Option-D

Question64:-Drill sleeve is used when the taper shank of the drill is

- A:-Larger than machine spindle
- B:-Smaller than machine spindle
- C:-Equal to machine spindle
- D:-None of the above

Correct Answer:- Option-B

Question65:-Name the suitable cutting fluid for drilling mild steel plates.

- A:-Water
- B:-Compressed air
- C:-Soluble oil
- D:-Dry

Correct Answer:- Option-C

Question66:-The filler metal, solder used in soldering is an alloy of

- A:-Lead and copper
- B:-Zinc and tin
- C:-Tin and copper
- D:-Lead and tin

Correct Answer:- Option-D

Question67:-In a single cut file, the teeth are cut on the file face at angle of _____ of the centre line of file.

- A:-20°
- B:-90°
- C:-60°
- D:-70°

Correct Answer:- Option-C

Question68:-For grinding carbide materials, the suitable grinding wheel is

A:-Aluminium oxide

B:-Diamond

C:-Corundum

D:-Silicon Carbide

Correct Answer:- Option-B

Question69:-The material of twist drill is

A:-Forged steel

B:-H.S.S.

C:-Cast iron

D:-Stellite

Correct Answer:- Option-B

Question70:-Give reason for cutting fluid used in cutting operation

A:-To improve surface finish

B:-To wash chip away

C:-Prevent corrosion of finished surface

D:-All the above

Correct Answer:- Option-D

Question71:-The main parts of Try square is

A:-Stock or beam and blade

B:-Stock and handle

C:-Blade and handle

D:-Head and blade

Correct Answer:- Option-A

Question72:-The distance between one point of a screw thread to the corresponding point on the next thread is called

A:-Nominal diameter

B:-Crest

C:-Pitch

D:-Flank

Correct Answer:- Option-C

Question73:-Which one of the following is not a ferrous metal ?

A:-Bronze

B:-Cast iron

C:-H.S.S.

D:-Mild steel

Correct Answer:- Option-A

Question74:-The material used to make a flat file

A:-Wrought iron

B:-High grade steel

C:-High speed steel

D:-Stellite

Correct Answer:- Option-B

Question75:-In _____ cutting, more than one cutting edge came into action.

A:-Orthogonal

B:-Volute

C:-Oblique

D:-None of the above

Correct Answer:- Option-C

Question76:-Name the device which hold and locates a work piece and guides and control one or more cutting tool.

A:-Fixture

B:-Vice

C:-G-Cramp

D:-Jig

Correct Answer:- Option-D

Question77:-Name the tool used to check the alignment of a machine, while erecting the machine in foundation bolt in the concrete base.

A:-Feeler gauge

B:-Slip gauge

C:-Spirit level

D:-Sine bar

Correct Answer:- Option-C

Question78:-The purpose of flute given in a twist drill is

- A:-Admit coolant
- B:-Allow chip to escape
- C:-Both A and B
- D:-None of above

Correct Answer:- Option-C

Question79:-In lathe turning operation, cutting speed is expressed in

- A:-KMPH
- B:-Newton metre
- C:-RPM
- D:-Metres per minute

Correct Answer:- Option-D

Question80:-To make up a long length, several pieces of shafts are joined together with the help of

- A:-Coupling
- B:-Gear
- C:-Pulley
- D:-Clutch

Correct Answer:- Option-A

Question81:-Hand taps are usually made as sets of

- A:-Two
- B:-Three
- C:-Four
- D:-Ten

Correct Answer:- Option-B

Question82:-The grinding or abrading process mostly for finishing holes by means of bounded abrasive stones, known as

- A:-Sawing
- B:-Honing
- C:-Lapping
- D:-Galvanizing

Correct Answer:- Option-B

Question83:-For connecting two shafts of axes of which intersect, the mechanism used is

- A:-Spur gear
- B:-Helical gear
- C:-V-belt
- D:-Bevel gear

Correct Answer:- Option-D

Question84:-For making purpose, round workpieces are placed on

- A:-V-block
- B:-Surface plate
- C:-Angle plate
- D:-Straight edge

Correct Answer:- Option-A

Question85:-A combination set has three moving heads

1. Square head
2. Centre head. Name the third one

- A:-Beam
- B:-Flat head
- C:-Divider head
- D:-Protractor head

Correct Answer:- Option-D

Question86:-Name the tool used to remove a drill from drilling machine spindle.

- A:-Scraper
- B:-Drift
- C:-Punch
- D:-Scraper rod

Correct Answer:- Option-B

Question87:-Name the process, in which simple shaped components can be made very accurately, clean, without waste and suitable for producing refractory metals and nonferrous metals.

- A:-Forging

B:-Powder metallurgy

C:-Casting

D:-Case hardening

Correct Answer:- Option-B

Question88:-An operation involving heating and cooling of metals or alloys in the solid state to produce desired properties is called

A:-Fetling

B:-Extrusion

C:-Drawing

D:-Heat treatment

Correct Answer:- Option-D

Question89:-The latin word ferrum denotes

A:-Iron

B:-Metal

C:-Quality

D:-Corrosion

Correct Answer:- Option-A

Question90:-In an outside micrometer, the object to be measured is held between

A:-Spindle and anvil

B:-Inside jaw and outside jaw

C:-Jig and fixture

D:-Two heads

Correct Answer:- Option-A

Question91:-Mention the machine, from the hint, tool feeds against a rotating work.

A:-Shaper

B:-Planer

C:-Lathe

D:-Angle cutter

Correct Answer:- Option-C

Question92:-Point out the special feature of non-ferrous metals.

A:-Resistance to corrosion

B:-Ease of casting

C:-Electric and magnetic properties

D:-All the above

Correct Answer:- Option-D

Question93:-The vice suitable for holding and heavy hammering in the work is

A:-Bench vice

B:-Leg vice

C:-Hand vice

D:-Tool-maker's vice

Correct Answer:- Option-B

Question94:-The hammers are generally made out of

A:-High carbon steel

B:-Cast iron

C:-Forged steel

D:-Carbide

Correct Answer:- Option-C

Question95:-Find the odd one, which is not related to file ?

A:-Spindle

B:-Tang

C:-Face

D:-Heel

Correct Answer:- Option-A

Question96:-Name the welding process depends upon electricity

A:-Gas Welding

B:-Thermit welding

C:-Forge welding

D:-Arc welding

Correct Answer:- Option-D

Question97:-Generally the point of centre punch has an angle of

A:-10° - 30°

B:-15° - 20°

C:-60° - 90°

D:-0 - 30°

Correct Answer:- Option-C

Question98:-External thread can be cut on a round bar, with the help of

A:-Lathe or tap

B:-Tap or die

C:-Lathe or die

D:-None of above

Correct Answer:- Option-C

Question99:-For providing relative movement between the parts, the hole diameter being larger than the shaft diameter. This difference is called

A:-Allowance

B:-Clearence

C:-Interference

D:-Interchangability

Correct Answer:- Option-B

Question100:-Name the commonly used fuel gas is a gas welding process

A:-Acetylene

B:-Oxygen

C:-Carbon di oxide

D:-Hydrogen

Correct Answer:- Option-A