RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

# RRB ALP 2018 CBT-2 Fitter

## Assistant Loco Pilot & Technicians · CEN 01/2018 · CBT-2 (21-23 Jan 2019) · Trade: Fitter · Part B (Fitter) · Question Paper

**English**

All 2 Shifts (Sets) · Part B (Fitter) Section · Official Answer Key

## About this Compilation

This booklet contains all **2 shift papers** of the **RRB ALP 2018 CBT-2 Fitter** examination in **English** (**Part B (Fitter)** section only), with the correct option marked as per the official answer key.

✓ Correct option (highlighted green)

**Source.** Original images of the official RRB response sheets (no retyping). Paper = Part A 100 (Maths, Reasoning, Basic Science & Engineering, Current Affairs) + Part B 75 (trade).

**Not in this edition** (less than half saved in English; see the Hindi edition): 21 Jan 12:30 PM.

### How to use

- Use the **Index** page to jump directly to any set (clickable).
- Questions appear section by section in the order of the paper, numbered 1 onward.
- Diagram and wide-table questions appear at full width at the end of their section.
- The correct answer is highlighted in green with a tick.

### More from QMaths

Check your marks, normalized score and zone-wise rank free at **rank.qmaths.in**. Master English vocabulary with the **Blackbook** app.





***Toppers' Choice, Blackbook of English Vocabulary, Now available in App format : DOWNLOAD NOW***

# Index — All Sets (click to open)

Set 1 23 Jan 2019
12:30 PM - 3:00 PM

Set 2 23 Jan 2019
4:30 PM - 7:00 PM

**Q1** Part B (Fitter)

With respect to tolerance, if the specification shown is 50.3 ± 0.05 mm, means it is indicating _____.

A. Upper limiting tolerance

B. Type of Fit

C. Limiting dimension ✓

D. Unilateral tolerance

**Q2** Part B (Fitter)

_____ drill machine is used to make a hole in a switch board.

A. Pillar

B. Hand ✓

C. Column

D. Bench

**Q3** Part B (Fitter)

The process of beveling the end of an existing hole is called _____.

A. counter boring

B. counter sinking ✓

C. Boring

D. spot facing

**Q4** Part B (Fitter)

Which of the following couplings is used in cloth industry machines?

A. Split type coupling

B. Flange coupling

C. Plate coupling

D. Clamp coupling ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q5** Part B (Fitter)

Why cast iron is used for manufacturing machine beds?

A. It is a costly metal.

B. It is a Ductile metal.

C. It is heavy in weight.

D. It can resist more compressive stress. ✓

**Q6** Part B (Fitter)

Which of the following couplings is better for transmitting high power at lower speed?

A. Sleeve coupling

B. Split coupling

C. Universal coupling

D. Flange coupling ✓

**Q7** Part B (Fitter)

Which gas is used for nitriding process?

A. Hydrogen

B. Acetylene

C. Oxygen

D. Ammonia ✓

**Q8** Part B (Fitter)

Which of the following bearings is suitable for high speeds?

A. Cylindrical roller bearing

B. Tapered roller bearing

C. Ball bearing ✓

D. Needle roller bearing

Blackbook

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q9** Part B (Fitter)

Which type of fire extinguisher is used for fire due to liquids?

A. Class B ✓

B. Class C

C. Class D

D. Class A

**Q10** Part B (Fitter)

The point angle of twist drill depends upon the _____.

A. size of the drill

B. type of drilling machine

C. cutting speed

D. material to be drilled ✓

**Q11** Part B (Fitter)

Which of the following operations CANNOT be performed on Lathe machine

A. Slotting ✓

B. Turning

C. Drilling

D. Taper turning

**Q12** Part B (Fitter)

Which of the following materials is NOT used for a bearing?

A. Stainless steel

B. Wood ✓

C. Chrome steel

D. Bronze

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q13** Part B (Fitter)

For riveting aluminum sheets, the material of rivet should be _____.

A. Copper

B. wrought iron

C. Aluminum ✓

D. Brass

**Q14** Part B (Fitter)

Which type of transformer is used in arc welding?

A. Step down ✓

B. Step up

C. Auto Transformer

D. Toroidal

**Q15** Part B (Fitter)

For tapping with M5×0.8 tap, what size of drill will you use?

A. 4. 2 mm ✓

B. 3. 5 mm

C. 4. 8 mm

D. 3.0 mm

**Q16** Part B (Fitter)

When a double nut tightens in the opposite direction to lock the nut it is known as_____.

A. Check nut

B. Split nut ✓

C. Right hand nut

D. Left hand nut

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q17** Part B (Fitter)

Fine adjusting screw of a Vernier caliper is used to _____.

A. lock vernier carrier

B. take accurate measurement ✓

C. lock inner jaw

D. lock fine adjusting carrier

**Q18** Part B (Fitter)

Which material is commonly used for making locating and clamping devices?

A. High speed steel

B. High carbon steel ✓

C. Die steel

D. Low carbon steel

**Q19** Part B (Fitter)

In the honing process, _____.

A. super finishing is obtained by rubbing with emery paper

B. finishing of the material surface is done by abrasive rubbing

C. no material will be removed to correct size

D. material will be removed to correct size ✓

**Q20** Part B (Fitter)

Which material is commonly used for making fixtures and jigs?

A. Brass

B. Steel ✓

C. Copper

D. Zinc

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q21** Part B (Fitter)

The creep in a belt drive is due to the

A. Thickness of the belt

B. Power fluctuation

C. Equal size of the pulleys

D. Unequal tension in tight and slack sides of the belt ✓

**Q22** Part B (Fitter)

Which of the following is NOT the cause of electric fire?

A. Electric short circuit.

B. Over loading on wires.

C. Loose connection.

D. Open doors. ✓

**Q23** Part B (Fitter)

_____ is the range of bevel protractor.

A. 0-90° ✓

B. 0-360°

C. 90-270°

D. 0-180°

**Q24** Part B (Fitter)

Which of the following gears have straight as well as spiral teeth?

A. Helical gear ✓

B. Bevel gear

C. Hypoid gear

D. Spear gear

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q25** Part B (Fitter)

Which of the following operations produces the shape of a frustum of a cone on a lathe machine?

A. Taper turning ✓

B. Plain turning

C. Grooving

D. Facing

**Q26** Part B (Fitter)

Which of the following notches is used when making a job with a 90° bend?

A. Slant notch

B. Wired notch

C. V notch ✓

D. Square notch

**Q27** Part B (Fitter)

Which is a one-way valve among the given valves?

A. Ball valve

B. Butterfly valve

C. Check valve ✓

D. Gate valve

**Q28** Part B (Fitter)

At which position of Vernier height gauge, the scriber is on the same level (coplanar) as the base.

A. Vernier scale at middle position.

B. Vernier scale at ¾th position.

C. Vernier scale at ¼th position.

D. When Vernier scale reads zero. ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q29** Part B (Fitter)

Which type of jig, suits best for drilling of holes in hollow cylindrical components, such as bushes?

A. Box type jig

B. Solid type jig

C. Pot type jig ✓

D. Open type jig

**Q30** Part B (Fitter)

When tolerance is shown on both sides, it is known as _____.

A. Unilateral tolerance

B. Limit tolerance

C. Clear tolerance

D. Bilateral tolerance ✓

**Q31** Part B (Fitter)

Indexing fixture is used in _____

A. Countersink boring on a drilling machine.

B. Gear cutting operation on a milling machine. ✓

C. Turning operation on a lathe.

D. Surface finishing on a milling machine.

**Q32** Part B (Fitter)

Which of the following comparators works on gears pinions, linkages, levers, springs etc?

A. Electrical comparator

B. Pneumatic comparator

C. Optical comparator

D. Mechanical comparator ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q33** Part B (Fitter)

Which of the following materials have NO malleable property?

A. Iron

B. Graphite ✓

C. Aluminum

D. Silver

**Q34** Part B (Fitter)

Which of the following parts is a pipe-fitting component?

A. Gear

B. Elbow ✓

C. Bearing

D. Pulley

**Q35** Part B (Fitter)

The measured size of the dimension of a component is called _____ size.

A. basic

B. allowed

C. actual ✓

D. nominal

**Q36** Part B (Fitter)

Which of the following nuts is used in a hacksaw?

A. Hexagonal nut

B. Square nut

C. Castle nut

D. Wing nut ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q37** Part B (Fitter)

To assemble a finished machine component a _____ is used.

A. Hard face hammer

B. Claw hammer

C. Mallet hammer ✓

D. Sledge hammer

**Q38** Part B (Fitter)

Which of the following types of pulley is used in-group drives?

A. Fast and loose pulley ✓

B. Jockey pulley

C. Split pulley

D. Solid pulley

**Q39** Part B (Fitter)

Rust is formed from iron and _____.

A. Sulphur

B. Hydrogen

C. Oxygen ✓

D. Nitrogen

**Q40** Part B (Fitter)

Which of the following is NOT an anti-friction bearing?

A. Taper roller bearing

B. Needle roller bearing

C. Thrust bearing ✓

D. Double row ball bearing

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q41** Part B (Fitter)

Which of the following tools is used for boring operation?

A. Large size drill

B. Cutting tool

C. Reamer

D. Boring cutter ✓

**Q42** Part B (Fitter)

What is forging?

A. A tool

B. Furnacing and hammering it ✓

C. A machining process

D. A die casting process

**Q43** Part B (Fitter)

The cone-shaped end of the drill bit used for cutting material is known as a _____.

A. Point ✓

B. Shank

C. Flute

D. Tang

**Q44** Part B (Fitter)

Which type of Lathe is operated through Cams and Cam plate?

A. Screw cutting Lathe (Automatic)

B. Crankshaft Lathe

C. Precision Lathe ✓

D. Capstan Lathe

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q45** Part B (Fitter)

A small gear meshed with a cylindrical gear with infinity as pitch circle radius is known as _____.

A. worm and worm wheel

B. rack and pinion ✓

C. spur gear drive

D. bevel gear

**Q46** Part B (Fitter)

Which of the following is NOT a friction clutch?

A. Disc clutch

B. Centrifugal clutch

C. Cone clutch

D. Fluid clutch ✓

**Q47** Part B (Fitter)

Which marking media is used for casting marking _____

A. Red lead

B. Chalk powder ✓

C. Copper sulphate

D. Prussian blue oil paint

**Q48** Part B (Fitter)

Time dependent recoverable deformation under load is called _____deformation.

A. plastic

B. visco-elastic

C. elastic

D. inelastic ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q49** Part B (Fitter)

By which of the following procedures, the slip gauges are joined together?

A. Packing

B. Wringing ✓

C. Reaming

D. Heat treatment

**Q50** Part B (Fitter)

What is the accuracy range of stick micro meters?

A. ±0.0005 mm

B. ±0.5 mm

C. ±0.05 mm

D. ±0.005 mm ✓

**Q51** Part B (Fitter)

A process, in which two surfaces are rubbed together with an abrasive between them, by hand movement or using a machine is called _____.

A. Lapping ✓

B. Honing

C. Finishing

D. Grinding

**Q52** Part B (Fitter)

When two mating parts are sometimes, an interference fit and sometimes a clearance fit is known as_____.

A. Running Fit

B. Transition Fit

C. Clearance Fit

D. Interference Fit ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q53** Part B (Fitter)

Module of gear is the ratio between _____.

A. pitch circle diameter and number of teeth ✓

B. addendum and dedendum

C. number of teeth and pitch circle diameter

D. addendum and pitch circle diameter

**Q54** Part B (Fitter)

Which type of boring machine is used for rapid and accurate work?

A. Horizontal boring machine

B. Jig boring machine ✓

C. portable boring machine

D. Vertical boring machine

**Q55** Part B (Fitter)

After honing a stock, allowable tolerance varies from _____.

A. 1 mm to 3 mm

B. 0.05 mm to 1 mm

C. 0.0001 mm to 0.001 mm

D. 0.005 mm to 0.5 mm ✓

**Q56** Part B (Fitter)

Which of the following component needs hand lapping?

A. Pistons

B. Races of roller bearings

C. Press work dies ✓

D. Gears

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q57** Part B (Fitter)

Drill chucks are held on a machine spindle by means of _____.

A. Arbor ✓

B. Drift

C. screw driver

D. chuck nut

**Q58** Part B (Fitter)

Which tool is used for forging compressive force application?

A. Fullers

B. Hot chisel

C. Swage block

D. Roller ✓

**Q59** Part B (Fitter)

Which attachment is used to cut internal or external tapers on a turret lathe?

A. Offsetting tailstock attachment

B. Sliding attachment ✓

C. Morse taper attachment

D. Taper turning attachment

**Q60** Part B (Fitter)

Case hardening is done on mild steel by _____ process.

A. hardening

B. annealing

C. nitriding ✓

D. normalizing

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q61** Part B (Fitter)

The distance of a drill advances into the job per revolution is known as _____.

A. Cutting speed

B. Feed ✓

C. RPM

D. Machine speed

**Q62** Part B (Fitter)

Lead is equal to double the pitch value then this type of thread is called as_____.

A. Multi start thread

B. Double start thread ✓

C. Triple start thread

D. Single start thread

**Q63** Part B (Fitter)

Which gauge is most suitable to measure cylindrical ring gauge?

A. Slip gauges

B. Micrometre

C. Plug Gauge

D. Pneumatic comparators ✓

**Q64** Part B (Fitter)

Equipment downtime is decreased and the numbers of major repairs are reduced due to _____ maintenance.

A. preventive ✓

B. value driven activities

C. reliability centered activities

D. predictive

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q65** Part B (Fitter)

_____ is a cooling medium applied for normalizing process.

A. Under sand

B. Water

C. Air ✓

D. Oil

**Q66** Part B (Fitter)

Which class of fire involves an electrical equipment?

A. Class C

B. Class E ✓

C. Class B

D. Class D

**Q67** Part B (Fitter)

Which of the following parts have axial flexibility and are used to prevent fastening or loosening due to vibrations?

A. Spring washers ✓

B. Split lock washer

C. Internal tooth lock washer

D. Flat washers

**Q68** Part B (Fitter)

The minimum material condition of an internal feature is called _____.

A. lower limit

B. upper limit ✓

C. Allowance

D. Tolerance

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q69** Part B (Fitter)

On which part of the Vernier height gauge, are the main scale divisions graduated?

A. Scriber

B. Fine adjusting nut

C. Beam ✓

D. Base

**Q70** Part B (Fitter)

Which angle can be checked by using a try square?

A. 90° ✓

B. 30°

C. 60°

D. 40°

**Q71** Part B (Fitter)

Due to slip of the belt, the velocity ratio of a belt drive _____.

A. Increases

B. is very high

C. remains same

D. Decreases ✓

**Q72** Part B (Fitter)

Which of the following gauge is used for calibrating the micrometers, sine bars, and calipers?

A. Go and No Go gauge

B. Slip gauge ✓

C. Ring gauge

D. Feeler gauge

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q73** Part B (Fitter)

Which of the following is the most important quality of any lubricant?

A. Specific heat

B. Low priced

C. Viscosity ✓

D. Specific gravity

**Q74** Part B (Fitter)

For what purpose annealing is done.

A. Hardness

B. Toughness

C. Ductility

D. Softness ✓

**Q75** Part B (Fitter)

Brass is an alloy of _____.

A. copper and tin

B. copper and zinc ✓

C. lead and tin

D. copper and silver

Blackbook

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q1** Part B (Fitter)

What is the value for roughness grade no ' N4' in micrometers

A. 0.025

B. 0.2 ✓

C. 0.1

D. 0.05

**Q2** Part B (Fitter)

The process in which soft metal particles get clogged in the pores of grinding wheel is called _____.

A. trueing

B. glazing

C. loading ✓

D. dressing

**Q3** Part B (Fitter)

The distance between the crest & the root of a thread measured normal to the axis is _____.

A. Pitch diameter

B. Depth of thread ✓

C. Minor diameter

D. Thickness of thread

**Q4** Part B (Fitter)

Drill chucks are fitted on the drilling machine spindle by means of _____.

A. arbor ✓

B. pinion & key

C. drift

D. knurled ring

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q5** Part B (Fitter)

It works on the principle of rake & pinion.

A. Micrometer

B. Vernier bevel protactor

C. Dial test indicator ✓

D. Vernier height gauge

**Q6** Part B (Fitter)

The part of the universal surface gauge which helps to draw a parallel line along a datum edge is the _____.

A. snug

B. guide pins ✓

C. fine adjustment screw

D. rocker arm

**Q7** Part B (Fitter)

Which lathe machine attachment is used for relief to multipoint cutting tools _____.

A. Taper turning attachment

B. Relieving attachment ✓

C. Grinding attachment

D. Milling attachment

**Q8** Part B (Fitter)

A work piece is center drilled in the lathe for the purpose of _____.

A. spotting a hole for drilling or for turning in between centres ✓

B. turning in between centers only

C. facing to the centre of the work piece

D. for increasing strength of the workpiece

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q9** Part B (Fitter)

In sheet metal operation two edges are joined by _____.

A. grooving

B. heming

C. bending

D. seaming ✓

**Q10** Part B (Fitter) HINDI - no English version saved

चिन्हन (मार्किंग) के दौरान, संदर्भ सतह निम्नलिखित में से _____ द्वारा प्रदान की जाती है।

A. मार्किंग-ऑफ टेबल ✓

B. वर्कपीस

C. जॉब के रेखाचित्र (स्केच) द्वारा

D. बोर गेज

**Q11** Part B (Fitter)

In case of riveted joints, caulking and fullering are the processes performed to make the joints _____.

A. leak proof ✓

B. flexible

C. Soft

D. Strong

**Q12** Part B (Fitter)

Which gauge is used for measuring diameter of a cylinder bore?

A. Taper plug gauge

B. Screw pitch gauge

C. Telescopic gauge ✓

D. Barometer

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q13** Part B (Fitter)

A wedge like tool is used for removing the taper shank tools from the nose of the machine spindle is called _____.

A. drill drift ✓

B. drill socket

C. drill chuck

D. drill key

**Q14** Part B (Fitter) HINDI - no English version saved

एक स्वतंत्र चार जबड़े वाले चक (फोर जॉ चक) के बारे में निम्नलिखित में से कौन सा कथन सही है?

A. जबड़े एक साथ घूमते हैं।

B. जबड़ों को वर्गाकार अनुप्रस्थ काट वाली छड़ को पकड़ने के लिए प्रयोग नहीं किया जा सकता है।

C. जबड़े त्रिज्यीय (रेडियल) दिशा में अंदर-बाहर गति कर सकते हैं। ✓

D. इसका उपयोग गोलाकार जॉब के लिए नहीं किया जाना चाहिए।

**Q15** Part B (Fitter)

In a boring operation, a cut of 1 mm would result in increase in diameter by _____ mm.

A. 0.5

B. 1.5

C. 1

D. 2 ✓

**Q16** Part B (Fitter)

Which of the following is an advantage of plant maintenance?

A. It decreases plant safety

B. It increases life of instruments ✓

C. It decreases accuracy of instruments

D. It decreases life of instruments

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q17** Part B (Fitter)

Parallel blocks are used for _____.

A. cutting parallel keyways

B. setting work piece horizontal ✓

C. marking parallel lines along an edge

D. levelling machine tools

**Q18** Part B (Fitter)

The process of embedding the abrasive grains on lapping tool is called as _____.

A. Brushing

B. Rubbing

C. Fixing

D. Charging ✓

**Q19** Part B (Fitter)

A block level can be used for checking _____.

A. only vertical alignment

B. only horizontal alignment

C. only angular alignment

D. vertical & horizontal alignment ✓

**Q20** Part B (Fitter)

The rivets are designated by _____.

A. head diameter only

B. length and diameter of rivet ✓

C. head shape only

D. length of rivet only

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q21** Part B (Fitter)

What is the function of a "pilot" when provided in reamer?

A. Hold in tap wrench

B. Finish concentric hole ✓

C. Hold in machine spindle

D. Removing chips

**Q22** Part B (Fitter)

For flowering or frosling _____ scraper is used.

A. Triangular

B. Bull nose

C. Flat

D. Hook ✓

**Q23** Part B (Fitter)

For deep underwater cutting, which of the following gas is used?

A. Acetylene

B. Hydrogen ✓

C. Methane

D. LPG

**Q24** Part B (Fitter)

Straight shank drill is held in _____.

A. arbor

B. drill chuck ✓

C. socket

D. sleeve

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q25** Part B (Fitter)

A prick punch having angle of taper 60 ° is used for _____.

A. locating divider points

B. punching marks for holes to be drilled ✓

C. removing broken thread

D. locating hole position

**Q26** Part B (Fitter)

The included angles between the lip drills is known as _____.

A. Helix angle

B. Chisel edge angle

C. Rake angle

D. Point angle ✓

**Q27** Part B (Fitter)

Which part of a lathe machine is involved for taper turning?

A. Cross slide ✓

B. Carriage

C. Leadscrew

D. Gearbox

**Q28** Part B (Fitter)

The number of threads per inch can be checked with a _____.

A. ring gauge

B. metric rule

C. screw pitch gauge ✓

D. slip gauge

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q29** Part B (Fitter)

A slight convexity is given to the cutting edges of flat chisel to _____.

A. allow the lubricant to enter

B. cut sharp corners

C. cut curved surfaces

D. prevent digging of the ends of cutting edge ✓

**Q30** Part B (Fitter)

In a plain bush bearing, to prevent the rotation of bush in the housing, it should be fitted by means of _____.

A. key or screw ✓

B. brazing

C. soldering

D. welding

**Q31** Part B (Fitter)

The pattern on the work-surface caused by the movement of the cutting tool is called _____.

A. waviness

B. surface texture ✓

C. roughness spacing

D. roughness

**Q32** Part B (Fitter)

The surface connecting crest & root of a thread is termed _____.

A. depth of thread

B. pitch

C. flank ✓

D. thread angle

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q33** Part B (Fitter)

_____ joint is a temporary joint.

A. Soldered

B. Welded

C. Threaded ✓

D. Riveted

**Q34** Part B (Fitter)

The length of a sine bar is the distance between _____.

A. diagonal cross-length of the sine bar

B. centre-to-centre distance between rollers ✓

C. one end to another end of the sine bar

D. outside-to-outside distance between rollers.

**Q35** Part B (Fitter)

Indexing type tool post are called _____ way tool post.

A. One

B. Two

C. Four ✓

D. Three

**Q36** Part B (Fitter)

The type of thread cut on lead screw of a lathe is _____.

A. acme thread ✓

B. buttress thread

C. knuckle thread

D. worm thread

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q37** Part B (Fitter)

The roughing out machine tap has _____.

A. no flutes ✓

B. straight flutes

C. helical flutes

D. tapered flutes

**Q38** Part B (Fitter)

During an arc welding process, for protecting eyes _____ should be used.

A. sun goggles

B. clear glasses

C. mask

D. dark glass screen ✓

**Q39** Part B (Fitter)

In which forging operation the length of job is reduced & diameter & thickness of job are increased?

A. Drawing down

B. Drifting

C. Punching

D. Upsetting ✓

**Q40** Part B (Fitter)

In the context of welding process, electrode size refers to _____.

A. length of an electrode

B. diameter of its core wire ✓

C. overall diameter of an electrode

D. thickness of flux coating

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q41** Part B (Fitter)

The measuring faces of the slip gauges are finished by _____.

A. honing

B. drilling

C. lapping ✓

D. reaming

**Q42** Part B (Fitter)

In globe valves the pressure is usually _____.

A. against the stem

B. on the right side

C. under the seat ✓

D. on the left side

**Q43** Part B (Fitter)

Which of the following chisel is used to cut keyways?

A. Cross-cut chisel ✓

B. Centre punch

C. Diamond pointed chisel

D. Flat chisel

**Q44** Part B (Fitter)

Following which things must be watched when sharpening a drill.

A. Margin

B. Flute

C. Shank

D. Angle of lips ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q45** Part B (Fitter)

Which property of metal is called mechanical property?

A. Tenacity ✓

B. Conductivity

C. Fusibility

D. Specific gravity

**Q46** Part B (Fitter)

Which fire extinguisher is used for controlling class 'B' fire?

A. Wood chips

B. $CO_2$ ✓

C. Water

D. Carbon tetrachloride

**Q47** Part B (Fitter)

Which of the following process is done for finishing engine cylinder?

A. Honing ✓

B. Frosting

C. Filing

D. Drilling

**Q48** Part B (Fitter)

Which pulley increase wrapping angle of pulley?

A. Rope pulley

B. Timer pulley

C. V-pulley

D. Jockey pulley ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q49** Part B (Fitter)

Which of the following types of pulley is used in-group drives?

A. Split pulley

B. Jockey pulley

C. Solid pulley

D. Fast and loose pulley ✓

**Q50** Part B (Fitter)

_____ is NOT a part of a combination set.

A. Slip gauge ✓

B. Square head

C. Protractor head

D. Centre head

**Q51** Part B (Fitter)

Which of the following instrument is used for measuring higher temperatures in a furnace?

A. Thermometer

B. Barometer

C. Pyrometer ✓

D. Calorimeter

**Q52** Part B (Fitter)

In railway carriage coupling _____ thread is used.

A. Knuckle ✓

B. Acme

C. Buttress

D. Square

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q53** Part B (Fitter)

For which purpose bed gap is maintained near head stock of lathe machine?

A. To reduce cost of the machine

B. To reduce bed weight

C. To machine large diameter job ✓

D. To improve its aesthetics

**Q54** Part B (Fitter)

Which of the following heat treatment method is generally used for relieving internal stresses of a hardened tool?

A. Annealing

B. Tempering ✓

C. Normalizing

D. Stabilizing

**Q55** Part B (Fitter)

The flattened end of the taper shank intended to fit into a drift slit in the spindle is called _____.

A. Tang ✓

B. Flute

C. Flank

D. Shank

**Q56** Part B (Fitter)

In the process of dressing of grinding wheels to restore sharpness is done by _____.

A. diamond dresser ✓

B. pumice stone dresser

C. sharp edged H.S.S cutter

D. tool steel dresser

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q57** Part B (Fitter)

Choose the best device to hold & locate a round bar for drilling.

A. Pin locator

B. Wedge type locator

C. Adjustable stop locator

D. V-block ✓

**Q58** Part B (Fitter)

A drift is used for _____.

A. drawing a drill location

B. fixing chuck on the machine spindle

C. removing the drill from the machine spindle ✓

D. removing a broken drill from the work

**Q59** Part B (Fitter)

In the hole basis system, the hole is kept constant & the size of the _____ is varied to get the desired fit.

A. tolerance

B. hole

C. shaft ✓

D. fit

**Q60** Part B (Fitter)

A hole which is drilled to a specified depth and NOT through full depth of the work piece is termed as _____ hole.

A. pin

B. core

C. through

D. blind ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q61** Part B (Fitter)

The ratio of the strength of a riveted joint to the strength of original solid plate is called as _____ of the joint.

A. an efficiency ✓

B. strength

C. an Accuracy

D. stiffness

**Q62** Part B (Fitter)

Shears are used to cut _____.

A. G.I Wire

B. very thinned sheet

C. thick sheet ✓

D. rubber sheets

**Q63** Part B (Fitter)

The creep in a belt drive is due to the

A. Equal size of the pulleys

B. Unequal tension in tight and slack sides of the belt ✓

C. Thickness of the belt

D. Power fluctuation

**Q64** Part B (Fitter)

Which is the purest form of iron?

A. Steel

B. Cast iron

C. Pig iron

D. Wrought iron ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q65** Part B (Fitter)

Which among the following operations will be most suitable, and will produce a larger diameter hole concentric to a cored hole in a casting?

A. Facing

B. External turning

C. Boring ✓

D. Knurling

**Q66** Part B (Fitter)

The number of tolerance grades in the IS system of limits are _____.

A. 18 grades of tolerance ✓

B. 14 grades of tolerance

C. 20 grades of tolerance

D. 16 grades of tolerance

**Q67** Part B (Fitter)

_____ is the capacity of the metal to be expanded in all directions without fracturing by hammering or rolling.

A. Hardness

B. Malleability ✓

C. Brittleness

D. Casting

**Q68** Part B (Fitter)

The grade of slip gauges for general workshop application.

A. Grade '0 0'

B. Grade '0'

C. Grade 'i'

D. Grade 'ii' ✓

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q69** Part B (Fitter)

_____ is that process of case hardening in which the outer layer is made hard by increasing amount of carbon.

A. Annealing

B. Normalizing

C. Carburizing ✓

D. Tempering

**Q70** Part B (Fitter)

Generally, which of the following quenching medium is used to harden high-speed steels?

A. Brine solution

B. Soda water

C. Oil ✓

D. Water

**Q71** Part B (Fitter)

In a brazing operation, which of the following is the commonly used flux?

A. Hydrochloric acid

B. Sulphuric acid

C. Borax ✓

D. Diesel oil

**Q72** Part B (Fitter)

What is the use of hermaphrodite caliper?

A. Checking diameter of a round bar.

B. Scribing parallel line to an edge. ✓

C. Scribing zig-zag lines.

D. Scribing a cycloid to an edge.

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in

**Q73** Part B (Fitter)

During the use of shaft, the the component used to hold & support the shaft is called _____.

A. bearing ✓

B. pulley

C. gear

D. shaft

**Q74** Part B (Fitter)

Generally, which of the following material doesn't require coolant while machining?

A. Cast iron ✓

B. Copper

C. Aluminium

D. Mild steel

**Q75** Part B (Fitter)

A file having 20 teeth (approximately) per 1 inch is generally termed as a _____ file.

A. rough ✓

B. smooth

C. dead-smooth

D. second cut

Blackbook Vocabulary — Now in the App! ▶ Download Now on Google Play

generated by rank.qmaths.in