

अंतरिक्ष उपयोग केंद्र



SPACE APPLICATIONS CENTRE



|                  |                           |
|------------------|---------------------------|
| Participant ID   |                           |
| Participant Name |                           |
| Test Center Name |                           |
| Test Date        | 30/07/2026                |
| Test Time        | 2:00 PM - 4:15 PM         |
| Subject          | 10 Technician B Machinist |

Section : Technician B Machinist

Q.1 Which material combination provides lowest and highest melting point ?

- a) Tin and Molybdenum
- b) Lead and Tungsten
- c) Tin and Tungsten
- d) Lead and Molybdenum

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883076  
Option 1 ID : 47768811741  
Option 2 ID : 47768811742  
Option 3 ID : 47768811743  
Option 4 ID : 47768811744  
Status : Answered  
Chosen Option : C

Q.2 What maximum size of hexagon piece can be made using 50 mm diameter rod?

- a) 43.3 mm
- b) 36.3 mm
- c) 25 mm
- d) None of the above

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883029

Option 1 ID : 47768811553

Option 2 ID : 47768811554

Option 3 ID : 47768811555

Option 4 ID : 47768811556

Status : Answered

Chosen Option : D

Q.3 Material used for fabricating reamer is:

- a) High Speed Steel
- b) High Carbon Steel
- c) Cemented Carbide
- d) High Grade cast Steel

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883045

Option 1 ID : 47768811617

Option 2 ID : 47768811618

Option 3 ID : 47768811619

Option 4 ID : 47768811620

Status : Answered

Chosen Option : A

Q.4 What is flatness tolerance for grade "0" Slip gauge having nominal length less than 150 mm?

- a) 0.05  $\mu\text{m}$
- b) 0.01  $\mu\text{m}$
- c) 0.1  $\mu\text{m}$
- d) 0.02  $\mu\text{m}$

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883022  
Option 1 ID : 47768811525  
Option 2 ID : 47768811526  
Option 3 ID : 47768811527  
Option 4 ID : 47768811528  
Status : Answered  
Chosen Option : A

Q.5 In which of the following systems, fundamental units are centimeter, kg and second?

- a) F.P.S.
- b) C.G.S.
- c) M.K.S.
- d) None of the above

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883062  
Option 1 ID : 47768811685  
Option 2 ID : 47768811686  
Option 3 ID : 47768811687  
Option 4 ID : 47768811688  
Status : Answered  
Chosen Option : B

Q.6 45mm व्यास और 150mm लंबाई की माइल्ड स्टील की छड़ को 0.15mm/rev. की फीड दर वाले H.S.S. टूल से टर्न करके पूरी लंबाई के लिए एक कट में 30 mm व्यास में बदलना है। टर्निंग का समय क्या होगा? अनुशंसित (रिकमंडेड) काटने की गति 30m/min. है।

- a) 5 min 11 sec
- b) 4 min 48 sec
- c) 5 min 8 sec
- d) 4 min 42 sec

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883032

Option 1 ID : 47768811565

Option 2 ID : 47768811566

Option 3 ID : 47768811567

Option 4 ID : 47768811568

Status : Not Answered

Chosen Option : --

Q.7 Which type of gear sets produce axial thrust during operation?

- a) Spur Gear
- b) Herringbone Gear
- c) Helical Gear
- d) None of the above

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883056

Option 1 ID : 47768811661

Option 2 ID : 47768811662

Option 3 ID : 47768811663

Option 4 ID : 47768811664

Status : Answered

Chosen Option : B

Q.8 Choose the wrong statement.

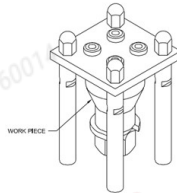
- a) Orthogonal cutting is suitable for finish turning, where depth of cut is less.
- b) In orthogonal cutting, the cutting edge is parallel to axis of the tool travel.
- c) In orthogonal cutting, tangential and Radial forces are acting on tool.
- d) In orthogonal cutting, tangential and Axial forces are acting on tool.

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883041  
Option 1 ID : 47768811601  
Option 2 ID : 47768811602  
Option 3 ID : 47768811603  
Option 4 ID : 47768811604  
Status : Answered  
Chosen Option : A

Q.9 What is the name of part shown in the image?

- a) Post Jig
- b) Solid Jig
- c) Trunnion Jig
- d) Turnover Jig



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883010  
Option 1 ID : 47768811477  
Option 2 ID : 47768811478  
Option 3 ID : 47768811479  
Option 4 ID : 47768811480  
Status : Answered  
Chosen Option : D

Q.10 Roughness grade number 'N6' indicates what surface roughness value in micrometer ?

- a) 3.2
- b) 1.6
- c) 0.2
- d) 0.8

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883023  
Option 1 ID : 47768811529  
Option 2 ID : 47768811530  
Option 3 ID : 47768811531  
Option 4 ID : 47768811532  
Status : Answered  
Chosen Option : D

Q.11 In which mode the program will be executed continuously one block after another block?

- a) Jog mode
- b) Auto mode
- c) Edit mode
- d) Manual mode

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883074  
Option 1 ID : 47768811733  
Option 2 ID : 47768811734  
Option 3 ID : 47768811735  
Option 4 ID : 47768811736  
Status : Answered  
Chosen Option : B

Q.12 कौन सा टोलरेंस जोन शाफ्ट के लिए शून्य मौलिक विचलन (फंडामेंटल डेविएशन) को इंगित करता है?

- a) H
- b) h
- c) G
- d) g

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883057  
Option 1 ID : 47768811665  
Option 2 ID : 47768811666  
Option 3 ID : 47768811667  
Option 4 ID : 47768811668  
Status : Answered  
Chosen Option : A

Q.13 Steady rest is used to support cantilever jobs when L/D ratio is:

- a) Between 6 to 9
- b) Between 3 to 6
- c) Less than 9
- d) Between 6 to 12

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883035  
Option 1 ID : 47768811577  
Option 2 ID : 47768811578  
Option 3 ID : 47768811579  
Option 4 ID : 47768811580  
Status : Answered  
Chosen Option : B

Q.14 Which heat treatment is used to refine the Structure of Steel?

- a) Annealing
- b) Tempering
- c) Hardening
- d) Normalising

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883060

Option 1 ID : 47768811677

Option 2 ID : 47768811678

Option 3 ID : 47768811679

Option 4 ID : 47768811680

Status : Answered

Chosen Option : B

Q.15 What does SR alarm indicates in CNC?

- a) Communication Alarms
- b) Parameter Writing Alarm
- c) Servo Alarm
- d) Alarms on program and operation

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883078

Option 1 ID : 47768811749

Option 2 ID : 47768811750

Option 3 ID : 47768811751

Option 4 ID : 47768811752

Status : Answered

Chosen Option : C

Q.16 Which mode is used while loading/unloading of work piece in CNC machine?

- a) Simulation mode
- b) Automatic mode
- c) Jog mode
- d) Edit mode

Ans

- ☒ A. a
- ☒ B. b
- ☒ C. c
- ☒ D. d

Question ID : 4776883077

Option 1 ID : 47768811745

Option 2 ID : 47768811746

Option 3 ID : 47768811747

Option 4 ID : 47768811748

Status : Answered

Chosen Option : C

Q.17 Which property of material represents resistance to tensile force?

- a) Elasticity
- b) Malleability
- c) Tenacity
- d) Ductility

Ans

- ☒ A. a
- ☒ B. b
- ☒ C. c
- ☒ D. d

Question ID : 4776883059

Option 1 ID : 47768811673

Option 2 ID : 47768811674

Option 3 ID : 47768811675

Option 4 ID : 47768811676

Status : Answered

Chosen Option : C

Q.18 70 mm व्यास के वर्कपीस में 220 mm की लीड वाले हेलिक्स को काटने के लिए मिलिंग मशीन टेबल को किस कोण पर घुमाना पड़ेगा?

- a) 45°
- b) 30°
- c) 60°
- d) उपरोक्त में से कोई नहीं

Ans ☒ A. a

☐ B. b

☐ C. c

☐ D. d

Question ID : 4776883028

Option 1 ID : 47768811549

Option 2 ID : 47768811550

Option 3 ID : 47768811551

Option 4 ID : 47768811552

Status : Answered

Chosen Option : D

Q.19 Which of the following mechanism is used in a Shaper to convert oscillatory motion to linear motion?

- a) Worm and Worm Wheel mechanism
- b) Bevel gear mechanism
- c) Crank and slotted lever mechanism
- d) Bell crank lever mechanism

Ans ☐ A. a

☐ B. b

☒ C. c

☐ D. d

Question ID : 4776883046

Option 1 ID : 47768811621

Option 2 ID : 47768811622

Option 3 ID : 47768811623

Option 4 ID : 47768811624

Status : Answered

Chosen Option : C

Q.20 Which of these is not a surface hardening process?

- a) Carburizing
- b) Normalizing
- c) Nitriding
- d) Cyaniding

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883038

Option 1 ID : 47768811589

Option 2 ID : 47768811590

Option 3 ID : 47768811591

Option 4 ID : 47768811592

Status : Answered

Chosen Option : D

Q.21 Which of the options indicate correct scaling of linear measurement units?

- a) 0.000001  $\mu\text{m}$  - 0.1 dm - 10 dm
- b) 0.00001  $\mu\text{m}$  - 0.1 dm - 10 dm
- c) 0.000001  $\mu\text{m}$  - 10 dm - 1 dm
- d) 0.00001  $\mu\text{m}$  - 1 dm - 100 dm

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883019

Option 1 ID : 47768811513

Option 2 ID : 47768811514

Option 3 ID : 47768811515

Option 4 ID : 47768811516

Status : Answered

Chosen Option : B

Q.22 How many number of swiveling movements can be provided with universal vice?

- a) 2
- b) 3
- c) 4
- d) 6

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883070  
Option 1 ID : 47768811717  
Option 2 ID : 47768811718  
Option 3 ID : 47768811719  
Option 4 ID : 47768811720  
Status : Answered  
Chosen Option : A

Q.23 M04 code is used for which purpose?

- a) Spindle Reverse
- b) Spindle Stop
- c) Spindle Forward
- d) Optional Stop

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883048  
Option 1 ID : 47768811629  
Option 2 ID : 47768811630  
Option 3 ID : 47768811631  
Option 4 ID : 47768811632  
Status : Answered  
Chosen Option : C

Q.24 Which coordinate system is used for designation of axes in NC programming?

- a) Right hand coordinate system
- b) Left hand coordinate system
- c) Any of the above
- d) None of the above

Ans ☒ A. a

☐ B. b

☐ C. c

☐ D. d

Question ID : 4776883067

Option 1 ID : 47768811705

Option 2 ID : 47768811706

Option 3 ID : 47768811707

Option 4 ID : 47768811708

Status : Answered

Chosen Option : D

Q.25 Shown Fire Extinguishers are meant for what class of fire ?

- a) Class A
- b) Class B
- c) Class C
- d) Class D



Ans ☐ A. a

☒ B. b

☐ C. c

☐ D. d

Question ID : 4776883003

Option 1 ID : 47768811449

Option 2 ID : 47768811450

Option 3 ID : 47768811451

Option 4 ID : 47768811452

Status : Answered

Chosen Option : A

Q.26 What is the least count for a Depth Micrometer?

- a) 0.05 mm
- b) 0.1 mm
- c) 0.01 mm
- d) None of the above

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883051  
Option 1 ID : 47768811641  
Option 2 ID : 47768811642  
Option 3 ID : 47768811643  
Option 4 ID : 47768811644  
Status : Answered  
Chosen Option : B

Q.27 Which 'grade of tolerance' is used for high precision components?

- a) IT5
- b) IT0
- c) IT16
- d) None of the above

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883058  
Option 1 ID : 47768811669  
Option 2 ID : 47768811670  
Option 3 ID : 47768811671  
Option 4 ID : 47768811672  
Status : Answered  
Chosen Option : B

Q.28 Which of the following is a common cause behind Grinding Wheels inefficiency ?

- a) Glazing
- b) Dressing
- c) Truing
- d) None of the above

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883063  
Option 1 ID : 47768811689  
Option 2 ID : 47768811690  
Option 3 ID : 47768811691  
Option 4 ID : 47768811692  
Status : Answered  
Chosen Option : A

Q.29 Slotter used for precision work is:

- a) Travelling Head Slotting Machine
- b) General Purpose Slotting Machine
- c) Tool Room Slotter
- d) Die Slotter

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883044  
Option 1 ID : 47768811613  
Option 2 ID : 47768811614  
Option 3 ID : 47768811615  
Option 4 ID : 47768811616  
Status : Answered  
Chosen Option : D

Q.30 What will be value of 0.923 radian in Degree?

- a)  $57^{\circ}73'12''$
- b)  $52^{\circ}73'12''$
- c)  $52^{\circ}54'36''$
- d)  $57^{\circ}51'36''$

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883002

Option 1 ID : 47768811445

Option 2 ID : 47768811446

Option 3 ID : 47768811447

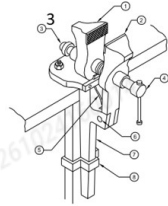
Option 4 ID : 47768811448

Status : Answered

Chosen Option : D

Q.31 In shown Vice image, what is part 3 ?

- a) Threaded Jaw
- b) Solid Jaw
- c) Spindle
- d) Handle



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883005

Option 1 ID : 47768811457

Option 2 ID : 47768811458

Option 3 ID : 47768811459

Option 4 ID : 47768811460

Status : Answered

Chosen Option : A

Q.32 Which of the following is used to check concentricity of shafts?

- a) Centre Gauge
- b) Vernier Caliper
- c) Combination Set
- d) Dial Test Indicator

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883053

Option 1 ID : 47768811649

Option 2 ID : 47768811650

Option 3 ID : 47768811651

Option 4 ID : 47768811652

Status : Answered

Chosen Option : A

Q.33 मॉड्यूल 3 mm और 20 दांतों के स्पर गियर के लिए बाहरी व्यास और पिच व्यास क्या होगा ?

- a) 60 mm और 66 mm
- b) 60 mm और 70 mm
- c) 66 mm और 60 mm
- d) 70 mm और 60 mm

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883027

Option 1 ID : 47768811545

Option 2 ID : 47768811546

Option 3 ID : 47768811547

Option 4 ID : 47768811548

Status : Answered

Chosen Option : C

Q.34 What is the shape of Grinding wheel used for sharpening Milling cutter and Reamer?

- a) Disc
- b) Straight Cup
- c) Flaring Cup
- d) Dish

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883071

Option 1 ID : 47768811721

Option 2 ID : 47768811722

Option 3 ID : 47768811723

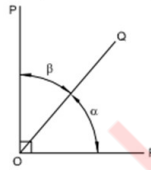
Option 4 ID : 47768811724

Status : Answered

Chosen Option : C

Q.35 In the shown image, what is the angle combination made by " $\alpha$ " and " $\beta$ " ?

- a) Reflex Angle
- b) Complementary Angle
- c) Supplementary Angle
- d) None of the above



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883001

Option 1 ID : 47768811441

Option 2 ID : 47768811442

Option 3 ID : 47768811443

Option 4 ID : 47768811444

Status : Answered

Chosen Option : B

Q.36 Crown Wheel is part of:

- a) Four Jaw Chuck
- b) Two Jaw Concentric Chuck
- c) Three Jaw Chuck
- d) Collet Chuck

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883043  
Option 1 ID : 47768811609  
Option 2 ID : 47768811610  
Option 3 ID : 47768811611  
Option 4 ID : 47768811612  
Status : Answered  
Chosen Option : B

Q.37 Ring oiling is used in which type of lubrication ?

- a) Gravity Feed Method
- b) Force Feed Method
- c) Splash Method
- d) None of the above

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883068  
Option 1 ID : 47768811709  
Option 2 ID : 47768811710  
Option 3 ID : 47768811711  
Option 4 ID : 47768811712  
Status : Answered  
Chosen Option : C

Q.38 एक लेथ में 4 mm पिच को काटने के लिए आवश्यक ड्राइवर गियर के लिए दांतों की संख्या निकालें जिसमें 6 टी. पी. आई. का लीड स्कू है? 127 दांतों के विशेष गियर के साथ 20 से 120 दांतों तक के गियर हर 5 दांतों के अंतर पे उपलब्ध है।

- a) 90
- b) 120
- c) 24
- d) 30

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883026

Option 1 ID : 47768811541

Option 2 ID : 47768811542

Option 3 ID : 47768811543

Option 4 ID : 47768811544

Status : Answered

Chosen Option : C

Q.39 NIMI stands for :

- a) National Instructional Media Institute
- b) National Instrumental Media Institute
- c) National Institute for Media Instrument
- d) National Institute for Media Instruction

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883072

Option 1 ID : 47768811725

Option 2 ID : 47768811726

Option 3 ID : 47768811727

Option 4 ID : 47768811728

Status : Answered

Chosen Option : D

Q.40 तीन तार विधि का उपयोग करते हुए M4 x 0.7 आकार के मेट्रिक थ्रेड के प्रभावी थ्रेड के व्यास की माप के लिए, तार का व्यास क्या होगा ?

- a) 0.35 mm
- b) 0.4 mm
- c) 0.45 mm
- d) 0.3 mm

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883025  
Option 1 ID : 47768811537  
Option 2 ID : 47768811538  
Option 3 ID : 47768811539  
Option 4 ID : 47768811540  
Status : Answered  
Chosen Option : A

Q.41 Which instrument is used for finding centre of round bars?

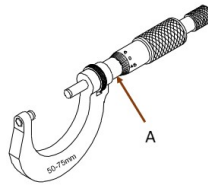
- a) Divider
- b) Inside Caliper
- c) Jenny Caliper
- d) Outside Caliper

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883042  
Option 1 ID : 47768811605  
Option 2 ID : 47768811606  
Option 3 ID : 47768811607  
Option 4 ID : 47768811608  
Status : Answered  
Chosen Option : B

Q.42 Which part of Micrometer is marked using A?

- a) Thimble
- b) Barrel
- c) Shaft
- d) Spindle



Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883012

Option 1 ID : 47768811485

Option 2 ID : 47768811486

Option 3 ID : 47768811487

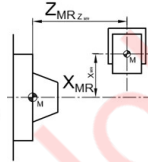
Option 4 ID : 47768811488

Status : Answered

Chosen Option : B

Q.43 Machine reference coordinate shown using  $X_{MR}$  and  $Z_{MR}$  are:

- a) Fixed and can't be changed by operator
- b) Variable but can't be changed by operator during calibration
- c) Variable and can be changed by operator during calibration
- d) Variable but can't be changed during operation



Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883017

Option 1 ID : 47768811505

Option 2 ID : 47768811506

Option 3 ID : 47768811507

Option 4 ID : 47768811508

Status : Answered

Chosen Option : A

Q.44 How much is the Carbon content in Steel?

- a) Less than 0.3%
- b) Less than 0.84%
- c) Less than 1.7%
- d) Less than 2.1%

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883079  
Option 1 ID : 47768811753  
Option 2 ID : 47768811754  
Option 3 ID : 47768811755  
Option 4 ID : 47768811756  
Status : Answered  
Chosen Option : A

Q.45 What is the range of sizes in feeler gauges as per IS: 3179?

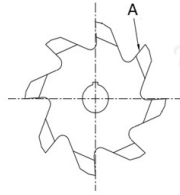
- a) 0.001 to 0.05 mm
- b) 0.01 to 0.3 mm
- c) 0.03 to 1 mm
- d) 0.02 to 0.75 mm

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883055  
Option 1 ID : 47768811657  
Option 2 ID : 47768811658  
Option 3 ID : 47768811659  
Option 4 ID : 47768811660  
Status : Answered  
Chosen Option : B

Q.46 In the image which part of Reamer tool is shown by 'A' ?

- a) Cutting Edge
- b) Face
- c) Flute
- d) Heel



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883014  
Option 1 ID : 47768811493  
Option 2 ID : 47768811494  
Option 3 ID : 47768811495  
Option 4 ID : 47768811496

Status : Answered  
Chosen Option : A

Q.47 To turn a M.S. rod of diameter 45 mm using a carbide tool, what will be required spindle speed, in rev./sec ? Recommended cutting speed is 92 m/min.

- a) 11
- b) 650
- c) 10.8
- d) 660

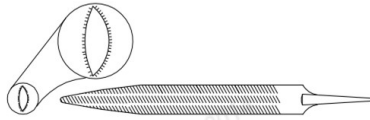
Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883031  
Option 1 ID : 47768811561  
Option 2 ID : 47768811562  
Option 3 ID : 47768811563  
Option 4 ID : 47768811564

Status : Answered  
Chosen Option : D

Q.48 What is the name of file shown in the image?

- a) Crossing File
- b) Oval File
- c) Barrette File
- d) Marking File



Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883008

Option 1 ID : 47768811469

Option 2 ID : 47768811470

Option 3 ID : 47768811471

Option 4 ID : 47768811472

Status : Answered

Chosen Option : B

Q.49 G32 code is used for which purpose?

- a) Thread Cutting
- b) Inch data input
- c) mm data input
- d) Dwell time

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883049

Option 1 ID : 47768811633

Option 2 ID : 47768811634

Option 3 ID : 47768811635

Option 4 ID : 47768811636

Status : Answered

Chosen Option : D

Q.50 Tube Micrometer is specially designed to measure what?

- a) Depth of a circular cavity
- b) Inner Diameter of tube/pipe
- c) Thickness of tube/pipe
- d) Outer diameter of tube/pipe

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883052

Option 1 ID : 47768811645

Option 2 ID : 47768811646

Option 3 ID : 47768811647

Option 4 ID : 47768811648

Status : Answered

Chosen Option : A

Q.51 Which type of thread is made in Sleeve and Thimble of Depth Micrometer?

- a) V Thread
- b) Trapezoidal Thread
- c) Knuckle Thread
- d) Square Thread

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883050

Option 1 ID : 47768811637

Option 2 ID : 47768811638

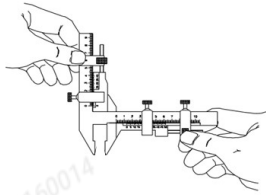
Option 3 ID : 47768811639

Option 4 ID : 47768811640

Status : Answered

Chosen Option : D

Q.52 What is the name of the instrument shown in the image?



- a) Vernier Caliper
- b) Gear Tooth Vernier Caliper
- c) Orthogonal Jaw Vernier Caliper
- d) None of the Above

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883013  
Option 1 ID : 47768811489  
Option 2 ID : 47768811490  
Option 3 ID : 47768811491  
Option 4 ID : 47768811492  
Status : Answered  
Chosen Option : B

Q.53 What is the distance a drill advances in one rotation while drilling?

- a) Feed
- b) Depth of Cut
- c) Drill Diameter
- d) Cutting Length

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883036  
Option 1 ID : 47768811581  
Option 2 ID : 47768811582  
Option 3 ID : 47768811583  
Option 4 ID : 47768811584  
Status : Answered  
Chosen Option : B

Q.54 1 mil बराबर है :

- a) 0.254 mm
- b) 0.0254 mm
- c) 0.00254 mm
- d) 0.000254 mm

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883047

Option 1 ID : 47768811625

Option 2 ID : 47768811626

Option 3 ID : 47768811627

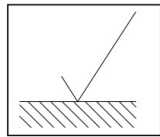
Option 4 ID : 47768811628

Status : Answered

Chosen Option : B

Q.55 What is the angle between two unequal legs of Surface Roughness symbol?

- a) 45°
- b) 60°
- c) 55°
- d) 50°



Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883007

Option 1 ID : 47768811465

Option 2 ID : 47768811466

Option 3 ID : 47768811467

Option 4 ID : 47768811468

Status : Answered

Chosen Option : A

Q.56 What is Full form of LVDT?

- a) Linear Voltage Differential Transformer
- b) Linear Variable Differential Transformer
- c) Linear Variable Differential Transducer
- d) Linear Voltage Differential Transducer

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883039

Option 1 ID : 47768811593

Option 2 ID : 47768811594

Option 3 ID : 47768811595

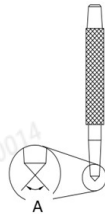
Option 4 ID : 47768811596

Status : Answered

Chosen Option : C

Q.57 For a Prick Punch, what is shown angle A ?

- a) 90°
- b) 60°
- c) 45°
- d) 75°



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883004

Option 1 ID : 47768811453

Option 2 ID : 47768811454

Option 3 ID : 47768811455

Option 4 ID : 47768811456

Status : Answered

Chosen Option : C

Q.58 For Unified Fine Thread, what is the included angle?

- a) 55°
- b) 60°
- c) 50°
- d) 30°

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883065

Option 1 ID : 47768811697

Option 2 ID : 47768811698

Option 3 ID : 47768811699

Option 4 ID : 47768811700

Status : Answered

Chosen Option : A

Q.59 Which attachment is used for precision grinding of angular parts?

- a) Motor drive attachment
- b) Positive indexing attachment
- c) Universal vice
- d) Angular sine vice

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883075

Option 1 ID : 47768811737

Option 2 ID : 47768811738

Option 3 ID : 47768811739

Option 4 ID : 47768811740

Status : Answered

Chosen Option : D

Q.60 What is the accuracy of measurement by a Try-square?

- a) 0.002 mm per 10 mm length
- b) 0.1 mm per 10 mm length
- c) 0.01 mm per 10 mm length
- d) 0.05 mm per 10 mm length

Ans ☒ A. a

☐ B. b

☐ C. c

☐ D. d

Question ID : 4776883021

Option 1 ID : 47768811521

Option 2 ID : 47768811522

Option 3 ID : 47768811523

Option 4 ID : 47768811524

Status : Answered

Chosen Option : D

Q.61 1) बास्टर्ड फाइल 2) सेकंड कट फाइल 3) चिकनी (स्मूथ) फाइल और 4) डेडस्मूथ फाइल को 10 mm की लंबाई में किए गए कट की संख्या के आधार पर 1-2-3-4 के अनुक्रम में व्यवस्थित करें। फाइल की लंबाई 150 mm है।

- a) 13 – 17 – 24 – 33
- b) 11 – 16 – 22 – 31
- c) 13 – 16 – 24 – 31
- d) 11 – 15 – 22 – 30

Ans ☒ A. a

☐ B. b

☐ C. c

☐ D. d

Question ID : 4776883020

Option 1 ID : 47768811517

Option 2 ID : 47768811518

Option 3 ID : 47768811519

Option 4 ID : 47768811520

Status : Answered

Chosen Option : D

Q.62 Which Milling machine is suitable for helical milling?

- a) Horizontal Milling Machine
- b) Universal Milling Machine
- c) Pantograph Milling Machine
- d) Vertical Milling Machine

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883073

Option 1 ID : 47768811729

Option 2 ID : 47768811730

Option 3 ID : 47768811731

Option 4 ID : 47768811732

Status : Answered

Chosen Option : B

Q.63 Which color code is used for bins for segregation of metals as part of waste disposal ?

- a) Red
- b) Green
- c) Black
- d) None of the above

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883040

Option 1 ID : 47768811597

Option 2 ID : 47768811598

Option 3 ID : 47768811599

Option 4 ID : 47768811600

Status : Answered

Chosen Option : A

Q.64 Which of the symbol represents geometric tolerance of Cylindricity and Position ?

- a)  and 
- b)  and 
- c)  and 
- d)  and 

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883018  
Option 1 ID : 47768811509  
Option 2 ID : 47768811510  
Option 3 ID : 47768811511  
Option 4 ID : 47768811512  
Status : Answered  
Chosen Option : D

Q.65 Identify the type of Strap Clamp shown in the image.

- a) Goose Neck
- b) Straight
- c) Tapered
- d) Finger

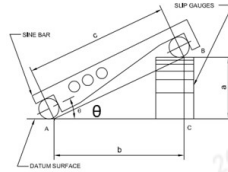


Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883000  
Option 1 ID : 47768811437  
Option 2 ID : 47768811438  
Option 3 ID : 47768811439  
Option 4 ID : 47768811440  
Status : Answered  
Chosen Option : D

Q.66 In the shown image, length of sine bar is 100 mm and height of slip gauge block is 50 mm, What is angle  $\theta$  ?

- a)  $60^\circ$
- b)  $30^\circ$
- c)  $45^\circ$
- d) None of the above



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883016  
Option 1 ID : 47768811501  
Option 2 ID : 47768811502  
Option 3 ID : 47768811503  
Option 4 ID : 47768811504  
Status : Answered  
Chosen Option : C

Q.67 Which one of the following geometrical shape's centre of gravity lies at  $1/4$  of its height from base ?

- a) Pyramid
- b) Rhombus
- c) Triangle
- d) Hollow Cone

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883030  
Option 1 ID : 47768811557  
Option 2 ID : 47768811558  
Option 3 ID : 47768811559  
Option 4 ID : 47768811560  
Status : Answered  
Chosen Option : A

- Q.68 62 mm मोटी प्लेट में 15 mm व्यास के छेद को ड्रिल करने के लिए ड्रिलिंग समय क्या होगा? काटने की गति 30 m/min. है और फीड रेट 0.05mm/rev. है। ड्रिल दृष्टिकोण (अप्रोच), अधिक यात्रा (ओवरट्रावेल) और ड्रिल बिंदु की लंबाई के प्रभाव पर विचार न करें।
- a) 1 min 57 sec
  - b) 2 min 30 sec
  - c) 2 min 6 sec
  - d) 2 min 15 sec

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883033  
Option 1 ID : 47768811569  
Option 2 ID : 47768811570  
Option 3 ID : 47768811571  
Option 4 ID : 47768811572  
Status : Answered  
Chosen Option : C

- Q.69 What is the included angle for Worm Thread ?

- a) 30°
- b) 27°
- c) 29°
- d) 45°

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883024  
Option 1 ID : 47768811533  
Option 2 ID : 47768811534  
Option 3 ID : 47768811535  
Option 4 ID : 47768811536  
Status : Answered  
Chosen Option : B

Q.70 Which one of the following marking media will take more time to dry?

- a) White wash
- b) Prussian blue
- c) Copper sulphate
- d) Cellulose lacquer

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883069

Option 1 ID : 47768811713

Option 2 ID : 47768811714

Option 3 ID : 47768811715

Option 4 ID : 47768811716

Status : Answered

Chosen Option : A

Q.71 What will be the maximum interference for combination of hole having diameter  $15^{+0.087}_{-0.036}$  mm and shaft having diameter  $15^{+0.054}_{-0.072}$  mm?

- a)  $36\mu\text{m}$
- b)  $33\mu\text{m}$
- c)  $18\mu\text{m}$
- d)  $90\mu\text{m}$

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883034

Option 1 ID : 47768811573

Option 2 ID : 47768811574

Option 3 ID : 47768811575

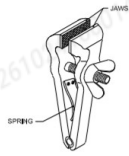
Option 4 ID : 47768811576

Status : Answered

Chosen Option : B

Q.72 What is the name of Vice shown in the image?

- a) Hand Vice
- b) Pin Vice
- c) Toolmaker's Vice
- d) Quick Releasing Vice



Ans ☒ A. a

☐ B. b

☐ C. c

☐ D. d

Question ID : 4776883006

Option 1 ID : 47768811461

Option 2 ID : 47768811462

Option 3 ID : 47768811463

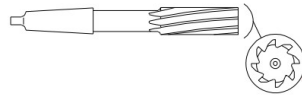
Option 4 ID : 47768811464

Status : Answered

Chosen Option : A

Q.73 What is the name of part shown in the image?

- a) Rose Reamer
- b) Taper Pin Reamer
- c) Chucking Reamer
- d) Machine Jig Reamer



Ans ☐ A. a

☐ B. b

☒ C. c

☐ D. d

Question ID : 4776883011

Option 1 ID : 47768811481

Option 2 ID : 47768811482

Option 3 ID : 47768811483

Option 4 ID : 47768811484

Status : Answered

Chosen Option : A

Q.74 Which type of gear set is used for large speed reduction ?

- a) Mitre Gear
- b) Hypoid Gear
- c) Worm Gear
- d) Herringbone Gear

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883054  
Option 1 ID : 47768811653  
Option 2 ID : 47768811654  
Option 3 ID : 47768811655  
Option 4 ID : 47768811656  
Status : Answered  
Chosen Option : B

Q.75 What is the main purpose of the Skill India Digital Platform?

- a) To offer offline training programs.
- b) To provide financial assistance for job seekers.
- c) To facilitate online learning and skill development.
- d) To promote international job opportunities.

Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883061  
Option 1 ID : 47768811681  
Option 2 ID : 47768811682  
Option 3 ID : 47768811683  
Option 4 ID : 47768811684  
Status : Answered  
Chosen Option : C

Q.76 Fixtures are used to:

- a) Locate and hold the tool.
- b) To guide the cutting tool.
- c) Locate and hold the work piece.
- d) To improve life of the tool.

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883066

Option 1 ID : 47768811701

Option 2 ID : 47768811702

Option 3 ID : 47768811703

Option 4 ID : 47768811704

Status : Answered

Chosen Option : A

Q.77 निम्नलिखित में से कौन सा ऑपरेशन धातु निर्माण (मेटल फॉर्मिंग) का ऑपरेशन नहीं है?

- a) नरलिंग
- b) मुद्रांकन
- c) फिलेटिंग
- d) इंडेंटिंग

Ans ☒ A. a

☒ B. b

☒ C. c

☒ D. d

Question ID : 4776883064

Option 1 ID : 47768811693

Option 2 ID : 47768811694

Option 3 ID : 47768811695

Option 4 ID : 47768811696

Status : Answered

Chosen Option : B

Q.78 What does NSQF stands for?

- a) National Skills Qualifications Framework
- b) National Skills Qualifications Format
- c) National Skill for Qualifications Framework
- d) National Skills for Qualifications Format

Ans

☒ A. a

☐ B. b

☐ C. c

☐ D. d

Question ID : 4776883037

Option 1 ID : 47768811585

Option 2 ID : 47768811586

Option 3 ID : 47768811587

Option 4 ID : 47768811588

Status : Answered

Chosen Option : C

Q.79 1 kg हवा को 0.5 MPa दबाव और 30°C तापमान से वायुमंडलीय दबाव और 20°C तापमान तक विस्तारित किया गया। विस्तारित हवा द्वारा कब्जा किया गया आयतन क्या होगा?

- a) 0.017 m<sup>3</sup>
- b) 0.08 m<sup>3</sup>
- c) 0.8 m<sup>3</sup>
- d) 0.008 m<sup>3</sup>

Ans

☐ A. a

☐ B. b

☒ C. c

☐ D. d

Question ID : 4776883015

Option 1 ID : 47768811497

Option 2 ID : 47768811498

Option 3 ID : 47768811499

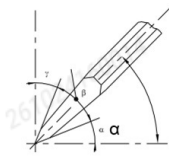
Option 4 ID : 47768811500

Status : Answered

Chosen Option : A

Q.80 What does Angle ' $\alpha$ ' shown in the figure for a Chisel represents ?

- a) Rake Angle
- b) Point Angle
- c) Clearance Angle
- d) Approach Angle



Ans ☒ A. a  
☒ B. b  
☒ C. c  
☒ D. d

Question ID : 4776883009

Option 1 ID : 47768811473

Option 2 ID : 47768811474

Option 3 ID : 47768811475

Option 4 ID : 47768811476

Status : Answered

Chosen Option : C