



सत्यमेव जयते

भारत सरकार GOVERNMENT OF INDIA  
अंतरिक्ष विभाग DEPARTMENT OF SPACE

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Participant Id	
Participant Name	
Test Center Name	
Test Date	21/06/2023
Test Time	4:30 PM - 6:30 PM
Subject	Technician B Fitter

Section : Technician B Fitter

Q.1 What are fundamental units?

- a) Length, Mass, Volume
- b) Length, Mass, Time
- c) Length, Mass, Area
- d) Length, Pressure, Volume

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

Question ID : 2141273530

Status : Answered

Chosen Option : B

Q.2  $2x$ ,  $2x$  और  $3x$  भुजाओ वाले घनाभ का आयतन है

- a)  $7x^3$
- b)  $6x^3$
- c)  $7x^2$
- d)  $12x^3$

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

Question ID : 2141273512  
Status : Answered  
Chosen Option : D

Q.3 What is the square root of 529?

- a) 13
- b) 23
- c) 33
- d) 43

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

Question ID : 2141273532  
Status : Answered  
Chosen Option : B

Q.4 Choose a drilling machine for drilling multiple holes of larger diameters on large job.

- a) Bench drilling machine
- b) Pillar drilling machine
- c) Column drilling machine
- d) Radial drilling machine

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

Question ID : 2141273449  
Status : Answered  
Chosen Option : D

Q.5 A metal with thickness 7 mm and 0.1 mm respectively will be called

- a) Sheet, Sheet
- b) Sheet, Plate
- c) Plate, Foil
- d) Sheet, Foil

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

Question ID : 2141273480  
Status : Answered  
Chosen Option : B

Q.6 Which of the following principles is used in Jig and Fixtures ?

- a) 2-3-1 principle
- b) 3-2-1 principle
- c) 1-2-3 principle
- d) None of the above

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

Question ID : 2141273481  
Status : Not Answered  
Chosen Option : --

Q.7 The minimum distance from the rivet hole (diameter  $d$ ) centre to the plate edge is

- a)  $1d$
- b)  $1.5d$
- c)  $2d$
- d)  $2.5d$

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

Question ID : 2141273475  
Status : Answered  
Chosen Option : C

Q.8 A screw is specified by

- a) Nominal dia.
- b) Minor dia.
- c) Pitch Circle dia.
- d) None of the above

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

Question ID : 2141273476  
Status : Answered  
Chosen Option : A

Q.9 The tool used to cut external threads is known as

- a) Punch
- b) Drill bit
- c) Tap
- d) Die

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

Question ID : 2141273466  
Status : Answered  
Chosen Option : D

Q.10 Convert 4.307 mm into microns

- a) 0.004307 microns
- b) 430.7 microns
- c) 0.0004307 microns
- d) 4307 microns

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

Question ID : 2141273508  
Status : Answered  
Chosen Option : D

Q.11 If a bolt is designated as M12 x 1.25, then 1.25 designates the

- a) Diameter
- b) Pitch
- c) Angle
- d) Distance between crest and trough

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

Question ID : 2141273462  
Status : Answered  
Chosen Option : A

Q.12 Thread inserts are used to

- a) Improve toughness
- b) Improve fitting
- c) Improve wear resistance
- d) Reduce threading time

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

Question ID : 2141273490  
Status : Answered  
Chosen Option : C

Q.13 इनमे से अधातु कौन सी है?

- a) पारा
- b) ग्रेफाईट
- c) पीतल
- d) लोहा

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

Question ID : 2141273535  
Status : Answered  
Chosen Option : B

Q.14 Stokes \_\_\_\_\_ की इकाई है

- a) गतिज ऊर्जा
- b) दबाव
- c) श्यानता (विस्कोसिटी)
- d) गुरुत्वाकर्षण बल

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

Question ID : 2141273495  
Status : Answered  
Chosen Option : A

Q.15

Nibbling is carried out to improve \_\_\_\_\_

- a) Stiffness
- b) Ductility
- c) Surface finish
- d) None of the above

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

Question ID : 2141273489  
Status : Answered  
Chosen Option : C

Q.16

धुरी के प्रत्येक चक्कर के साथ एक ड्रिल जाब में जितनी दूरी तय करती है, उसे \_\_\_\_\_ कहा जाता है

- a) ड्रिल का फ़ीड
- b) ड्रिल की गति
- c) ड्रिल की गहराई
- d) ड्रिल की काटने की गति

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

Question ID : 2141273470  
Status : Answered  
Chosen Option : A

Q.17 The thread angle of a Metric Thread is

- a) 90 degrees
- b) 60 degrees
- c) 30 degrees
- d) 120 degrees

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

Question ID : 2141273463  
Status : Answered  
Chosen Option : B

Q.18 In grinding wheel, grade denotes \_\_\_\_\_

- a) Grain size
- b) Type of abrasive
- c) Hardness
- d) Structure

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

Question ID : 2141273502  
Status : Answered  
Chosen Option : B



Q.19

The crest radius of Whitworth thread in terms of Pitch (P)

- a) P
- b) 0.41P
- c) 0.14P
- d) 0.5P

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

Question ID : 2141273465  
Status : Answered  
Chosen Option : D

Q.20

Which strength of plays crucial role in metal forming?

- a) Tensile strength
- b) Shear Strength
- c) Yield strength
- d) Flexural strength

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

Question ID : 2141273441  
Status : Answered  
Chosen Option : A

Q.21

The property of metal to be formed into wires is called

- a) Malleability
- b) Ductility
- c) Toughness
- d) Hardness

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

Question ID : 2141273479  
Status : Answered  
Chosen Option : B

Q.22 वस्तु के त्वरण की इकाई क्या है?

- a) मीटर/सेकंड
- b) मीटर/सेकंड<sup>2</sup>
- c) मीटर/मिनट
- d) मीटर/घंटा

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273540

Status : Answered

Chosen Option : A

Q.23 यदी एक मैकेनिक को 8 मशीनों को असेंबल करने 3 दिन लगते है तो उसे 64 मशीनों को असेंबल करने में कितने दिन लगेंगे?

- a) 20 days
- b) 22 days
- c) 24 days
- d) 26 days

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273533

Status : Answered

Chosen Option : C

Q.24

Brass is an alloy of which metals?

- a) Copper and aluminium
- b) Copper and lead
- c) Copper and zinc
- d) Copper and tin

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

Question ID : 2141273538  
Status : Answered  
Chosen Option : C

Q.25

Least count of Engineer's steel rule is

- a) 1 mm
- b) 0.1 mm
- c) 0.2 mm
- d) 0.5 mm

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

Question ID : 2141273459  
Status : Answered  
Chosen Option : D

Q.26

In a hole basis system, the lower deviation for the hole 'H' is

- a) 0 mm
- b) 0.8 micron
- c) 0.01 mm
- d) 0.01 micron

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

Question ID : 2141273445  
Status : Answered  
Chosen Option : A

Q.27

माइल्ड स्टील का घनत्व  $7.8 \text{ gm/cm}^3$  है। तो  $10 \text{ cm} \times 5 \text{ cm} \times 20 \text{ cm}$  के माप के एक माइल्ड स्टील के ब्लॉक का द्रव्यमान \_\_\_\_\_ kg है।

- a) 780
- b) 7.8
- c) 7800
- d) 78

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

Question ID : 2141273520  
Status : Not Answered  
Chosen Option : --

Q.28

In piercing operation, clearance is provided on

- a) Punch
- b) Die
- c) Both punch and die
- d) Clearance not provided

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

Question ID : 2141273492  
Status : Answered  
Chosen Option : C

Q.29 The distance moved by bolt by one rotation of nut is called

- a) Pitch
- b) Crest
- c) Trough
- d) Lead

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

Question ID : 2141273484  
Status : Answered  
Chosen Option : A

Q.30 HSS Stands for

- a) High Strength Steel
- b) High Stiffness steel
- c) Heavy Strength steel
- d) High speed steel

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

Question ID : 2141273447  
Status : Answered  
Chosen Option : D

Q.31 Which type of gear is used for transmitting motion between two shafts axes at 90 degree ?

- a) Spur gear
- b) Helical gear
- c) Rack and pinion
- d) Bevel Gear

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

Question ID : 2141273527  
Status : Answered  
Chosen Option : D

Q.32 आयत (रेक्टैंगल) की भुजाएँ 2:3 के अनुपात में हैं, यदि छोटी भुजा 100 मिलीमीटर है, तो आयत का परिमाण (पेरीमीटर) \_\_\_\_\_ मिलीमीटर है।

- a) 500
- b) 5
- c) 50
- d) 5000

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

Question ID : 2141273519  
Status : Not Answered  
Chosen Option : --

Q.33 12, 18, 6, 36 का न्यूनतम समापवर्तक (LCM) कितना होगा?

- a) 12
- b) 18
- c) 36
- d) 42

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

Question ID : 2141273531

Status : Answered

Chosen Option : C

Q.34 The process of producing a flat seat for a bolt head at opening of drilled hole is

- a) Jig Boring
- b) Counter boring
- c) Reaming
- d) Counter sinking

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

Question ID : 2141273443

Status : Answered

Chosen Option : C

Q.35 One degree = \_\_\_\_\_

- a) 60 Second
- b) 10 minutes
- c) 60 minute
- d) 100 minutes

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

Question ID : 2141273511  
Status : Answered  
Chosen Option : C

Q.36 As per Indian standard grain size 46 in the grinding wheel comes under which category

- a) Coarse
- b) Medium
- c) Fine
- d) Very fine

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

Question ID : 2141273528  
Status : Answered  
Chosen Option : D

Q.37 In Double start thread, if pitch is 10 mm then Lead (in mm) is

- a) 5
- b) 10
- c) 20
- d) None of the above

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

Question ID : 2141273471  
Status : Answered  
Chosen Option : C



Q.38 Carbon content in wrought iron is

- a) 0.1-0.2 %
- b) 0.2- 0.3%
- c) 0.01- 0.1 %
- d) 0.0%

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

Question ID : 2141273450  
Status : Answered  
Chosen Option : A

Q.39 Thread plug gauge is used to check

- a) External thread
- b) Internal thread
- c) Hole
- d) Shaft

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

Question ID : 2141273504  
Status : Answered  
Chosen Option : B

Q.40 Included angle of a V block (in degrees) is

- a) 90
- b) 120
- c) 45
- d) 75

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

Question ID : 2141273505  
Status : Answered  
Chosen Option : A

Q.41

Jig is used for

- a) Holding the job and guiding the tool
- b) Holding the job only
- c) setting work piece on machine
- d) Easy movement of job

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273478

Status : Answered

Chosen Option : A

Q.42

A fit designated as 30 H7d6 is

- a) Clearance fit
- b) Transition fit
- c) Interference fit
- d) Tolerance fit

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273452

Status : Answered

Chosen Option : C

Q.43

दो क्रमागत संख्याओं का योग 43 है, उनका गुणनफल \_\_\_\_\_ है।

- a) 262
- b) 363
- c) 462
- d) 562

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273523

Status : Not Answered

Chosen Option : --

Q.44 ऊर्जा का SI मात्रक है

- a) वाट
- b) जूल
- c) न्यूटन
- d) एम्पियर

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

Question ID : 2141273472  
Status : Answered  
Chosen Option : B

Q.45 What is size of A3 Paper ?

- a) 210 x 297 mm
- b) 148.5 x 210 mm
- c) 297 x 420 mm
- d) 420 x 594 mm

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

Question ID : 2141273529  
Status : Not Answered  
Chosen Option : --

Q.46 BHN is unit of

- a) Toughness
- b) Tensile strength
- c) Young's modulus
- d) Hardness

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

Question ID : 2141273487  
Status : Not Answered  
Chosen Option : --

Q.47 In relation to grinding operation, dressing of wheel refers to

- a) Shaping of the wheel
- b) Restoring the cutting action of the wheel
- c) Changing of wheel
- d) Making the wheel concentric with rotational axis.

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

Question ID : 2141273442  
Status : Answered  
Chosen Option : D

Q.48 कौन से गुण के कारण धातु लागु किया गया बल दूर करने पर अपना मूल आकार धारण कर लेता है ?

- a) आघातवर्धनीयता
- b) दृढ़ता
- c) लचीलापन (इलास्टिसिटी)
- d) सुघट्यता (प्लास्टिसिटी)

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

Question ID : 2141273537  
Status : Answered  
Chosen Option : C

Q.49 40 डिग्री सेल्सियस को फारेनहाइट में कनवर्ट करें

- a) 32 °F
- b) 72 °F
- c) 40 °F
- d) 104 °F

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

Question ID : 2141273496  
Status : Answered  
Chosen Option : D

Q.50 In tapping operation, the first tap, second tap and bottoming tap differ in their \_\_\_\_\_

- a) Thread pitch
- b) Thread size
- c) Taper lead
- d) Type of thread

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

Question ID : 2141273456  
Status : Answered  
Chosen Option : D

Q.51 एक सही (सीधा) वृत्तीय शंकु का डेवलपमेंट \_\_\_\_\_ है

- a) एक त्रिभुज
- b) दो वृत्त
- c) एक वृत्त का त्रिज्य खंड
- d) दो त्रिकोण

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

Question ID : 2141273500  
Status : Answered  
Chosen Option : C

Q.52

Check nuts prevents

- a) Loosening of screw over a period of time
- b) Breaking of screw
- c) Corrosion of screw
- d) All of the above

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

Question ID : 2141273491  
Status : Answered  
Chosen Option : D

Q.53

The value of surface roughness  $\nabla\nabla\nabla$  (in microns) is

- a) 8 – 25
- b) 1.6 – 8
- c) 0.025 – 1.6
- d) <0.025

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

Question ID : 2141273516  
Status : Not Answered  
Chosen Option : --

Q.54

Ultrasonic test is used to determine

- a) Toughness
- b) Shear strength
- c) Endurance limit
- d) Crack location

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

Question ID : 2141273457  
Status : Answered  
Chosen Option : D

Q.55 दाब \_\_\_\_\_ है

- a) बल प्रति इकाई क्षेत्रफल
- b) बल प्रति इकाई लंबाई
- c) द्रव्यमान प्रति इकाई क्षेत्रफल
- d) आयतन प्रति इकाई घनत्व

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

Question ID : 2141273448  
Status : Answered  
Chosen Option : A

Q.56 यदि एक वृत्त का व्यास 7 सेंटीमीटर है, तो उसका क्षेत्रफल और परिमाप लगभग हैं

- a) 4900 mm<sup>2</sup> and 280 mm
- b) 3850 mm<sup>2</sup> and 220 mm
- c) 38.5000 m<sup>2</sup> and 2.20 m
- d) 4.9 m<sup>2</sup> and 2.8 m

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

Question ID : 2141273509  
Status : Answered  
Chosen Option : A

Q.57

Lancing is a \_\_\_\_\_

- a) Sheet metal operation
- b) Turning operation
- c) Machining operation
- d) Additive manufacturing operation

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273488

Status : Answered

Chosen Option : D

Q.58

Which of the following parts of file is neither hardened nor tempered?

- a) Edge
- b) Heel
- c) Tang
- d) Body

Ans  A. a

B. b

C. c

D. d

Question ID : 2141273454

Status : Answered

Chosen Option : C



Q.59 एक त्रिभुज की भुजाएँ 6 सेंटीमीटर, 8 सेंटीमीटर और 10 सेंटीमीटर हैं। इसका क्षेत्रफल  $m^2$  में कितना होगा ?

- a) 0.0048
- b) 0.0030
- c) 0.0024
- d) 0.0040

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

Question ID : 2141273514  
Status : Not Answered  
Chosen Option : --

Q.60 किसी  $3 \pm 0.3$  मिमी के रूप में नामित एक छेद के लिए, टालरेंस है.....

- a) 0.3 मिमी
- b) 3.3 मिमी
- c) 0.6 मिमी
- d) 3.6 मिमी

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

Question ID : 2141273446  
Status : Answered  
Chosen Option : B

Q.61 Which property of material enables permanent deformation without fracture?

- a) Elasticity
- b) Plasticity
- c) Ductility
- d) Brittleness

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

Question ID : 2141273536  
Status : Answered  
Chosen Option : D

Q.62 Chisel is made of \_\_\_\_\_

- a) HSS
- b) MS
- c) High Carbon Steel
- d) Tungsten carbide

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

Question ID : 2141273467  
Status : Answered  
Chosen Option : C

Q.63 The difference between maximum and minimum limit of a size is known

as \_\_\_\_\_

- a) Fit
- b) Tolerance
- c) Interference
- d) Standard deviation

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

Question ID : 2141273444  
Status : Answered  
Chosen Option : B

Q.64 Rotary motion is converted to linear motion using

- a) Spur gear
- b) Bevel gear
- c) Rack and pinion
- d) Helical gear

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

Question ID : 2141273526  
Status : Answered  
Chosen Option : B

Q.65 एक बेलनाकार (सिलिन्ड्रीकल) टैंक की ऊंचाई 7 मीटर और व्यास 2000 मिलीमीटर है। पानी का आयतन (वॉल्यूम) ज्ञात कीजिए की उसमें निहित किया जा सकता है।

- a) 22 Liters
- b) 2200 Liters
- c) 22000 Liters
- d) 14000 Liters

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

Question ID : 2141273510  
Status : Not Answered  
Chosen Option : --

Q.66 The value of Sin 30 is

- a) 1.0
- b) 0.5
- c) 0.66
- d) 0.866

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

Question ID : 2141273515  
Status : Answered  
Chosen Option : B

Q.67 यदि एक मोटर साईकिल के टायर को रु 300 / - में बेचा जाता है, ओर उसे 25% लाभ होता है तो खरीद मूल्य क्या है ?

- a) Rs. 200
- b) Rs. 220
- c) Rs. 240
- d) Rs. 260

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

Question ID : 2141273534  
Status : Answered  
Chosen Option : B

Q.68 Which alloy steel is used to make permanent magnets?

- a) Silicon steel
- b) Manganese steel
- c) Vanadium steel
- d) Cobalt steel

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

Question ID : 2141273539  
Status : Answered  
Chosen Option : B

Q.69 For drilling operation, if RPM remains same, and diameter of drill increases, cutting speed will

- a) Increase
- b) Remain same
- c) Decrease
- d) None of these

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

Question ID : 2141273494  
Status : Answered  
Chosen Option : C

Q.70 Lead is lighter than \_\_\_\_\_

- a) Stainless Steel
- b) Mercury
- c) Aluminum
- d) High speed steel

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

Question ID : 2141273482  
Status : Answered  
Chosen Option : B

Q.71 Which of the following grades of SS is non-magnetic?

- a) SS 403
- b) SS 316L
- c) SS 416
- d) None of the above

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

Question ID : 2141273451  
Status : Not Answered  
Chosen Option : --

Q.72

Density of mild steel is \_\_\_\_\_ gm/cm<sup>3</sup>

- a) 7800
- b) 7.8
- c) 2700
- d) 2.7

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

Question ID : 2141273460  
Status : Answered  
Chosen Option : B

Q.73

द्रवों में ऊष्मा का वहन मुख्यतः किसके द्वारा होता है?

- a) चालन (कन्डक्शन)
- b) संवहन (कन्वेक्शन)
- c) विकिरण
- d) केवितेसन

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

Question ID : 2141273498  
Status : Not Answered  
Chosen Option : --

Q.74

The spiral grooves which run to the length of the drill are known as

- a) Tang
- b) Flutes
- c) Point
- d) Body

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

Question ID : 2141273455  
Status : Answered  
Chosen Option : B

Q.75

एकमे धागे ( थ्रेड ) का धागा ( थ्रेड ) कोण (डिग्री में) है

- a) 45
- b) 39
- c) 29
- d) 23

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

Question ID : 2141273464  
Status : Answered  
Chosen Option : C

Q.76

Which of the following is not a surface hardening process

- a) Case hardening
- b) Nitriding
- c) Induction hardening
- d) Tempering

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

Question ID : 2141273506  
Status : Answered  
Chosen Option : D

Q.77

प्रथम 10 पूर्ण संख्याओं का योग \_\_\_\_\_ है

- a) 55
- b) 10
- c) 54
- d) 110

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

Question ID : 2141273507  
Status : Not Answered  
Chosen Option : --



Q.78

If the dimension of the male part is larger than female part, the fit is \_\_\_\_

- a) Transition fit
- b) Interference fit
- c) Ringing fit
- d) None of the above

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

Question ID : 2141273524  
Status : Answered  
Chosen Option : B

Q.79

Emery paper No. 320 is smoother than Emery paper no.

- a) 100
- b) 400
- c) 1000
- d) None of these

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

Question ID : 2141273483  
Status : Answered  
Chosen Option : A

Q.80

120 डिग्री = \_\_\_\_\_ रेडियन

- a)  $2\pi/3$
- b)  $\pi/2$
- c)  $4\pi/3$
- d)  $2\pi/5$

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

Question ID : 2141273522  
Status : Answered  
Chosen Option : B

Q.81 लंबाई की SI इकाई है

- a) मीटर
- b) मिलीमीटर
- c) सेंटीमीटर
- d) किलोमीटर

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

Question ID : 2141273458  
Status : Answered  
Chosen Option : A

Q.82 Ability of material to withstand shock and impact is called

- a) Hardness
- b) Toughness
- c) Ductility
- d) Brittleness

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

Question ID : 2141273461  
Status : Answered  
Chosen Option : B

Q.83 01 नैनोमीटर = \_\_\_\_\_ माइक्रोन

- a) 100
- b) 1/100
- c) 1000
- d) 1/1000

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

Question ID : 2141273521  
Status : Answered  
Chosen Option : D

Q.84 In a gear of 20 teeth and Pitch circle diameter of 100 mm, the module (in mm) is

- a) 2000
- b) 5
- c) 80
- d) 120

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

Question ID : 2141273501  
Status : Answered  
Chosen Option : B

Q.85 केल्विन \_\_\_\_\_ की इकाई है

- a) प्रवाह दर
- b) तापमान
- c) दबाव
- d) मात्रा

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

Question ID : 2141273473  
Status : Answered  
Chosen Option : B

Q.86

Wringing is term used in

- a) Metal testing
- b) Calibration of instruments
- c) Defect in Vernier Calliper
- d) Slip gauge

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

Question ID : 2141273468  
Status : Answered  
Chosen Option : B

Q.87

त्रिज्या 3 मीटर और ऊंचाई 4 मीटर वाले शंकु का आयतन \_\_\_\_\_

cm<sup>3</sup> है।

- a)  $12\pi$
- b)  $36000000\pi$
- c)  $12000000\pi$
- d)  $36\pi$

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

Question ID : 2141273518  
Status : Not Answered  
Chosen Option : --

Q.88 12.335 किलोमीटर = \_\_\_\_\_ मीटर

- a) 1233.5
- b) 123.35
- c) 12335
- d) 0.12335

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

Question ID : 2141273513  
Status : Answered  
Chosen Option : C

Q.89 N-m \_\_\_\_\_ की इकाई है

- a) बल प्रति इकाई लंबाई
- b) स्थितिज ऊर्जा
- c) टॉर्क
- d) सतह तनाव

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

Question ID : 2141273474  
Status : Answered  
Chosen Option : A

- Q.90 Tempering is done for
- a) Increasing hardness
  - b) Increasing toughness
  - c) Increasing brittleness
  - d) Increasing melting point

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

Question ID : 2141273497  
Status : Answered  
Chosen Option : A

Q.91 एक नियमित षट्भूज के आसन्न भूजाओं के बीच शामिल कोण (डिग्री में) क्या है?

- a) 60
- b) 120
- c) 145
- d) इनमें से कोई नहीं

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

Question ID : 2141273517  
Status : Not Answered  
Chosen Option : --

Q.92

Which of the following materials is having maximum brittleness

- a) Copper
- b) Cast iron
- c) SS 304
- d) Mild steel

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

Question ID : 2141273477  
Status : Answered  
Chosen Option : B

Q.93 The process of making cup shaped components from sheet metal blank is \_\_\_\_\_

- a) Deep Drawing
- b) Extrusion
- c) Blanking
- d) Perforating

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

Question ID : 2141273499  
Status : Not Answered  
Chosen Option : --

Q.94

एल्युमिनियम का घनत्व \_\_\_\_\_ gm/cm<sup>3</sup> है

- a) 1.5
- b) 2.7
- c) 4.6
- d) 7.8

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

Question ID : 2141273486  
Status : Answered  
Chosen Option : B

Q.95 वर्नियर कैलिपर में वर्नियर स्केल के 50 डिवीजन मुख्य स्केल के 49 डिवीजनों के बराबर हैं। मेन स्केल रीडिंग 30 मिमी है और 20 वां वर्नियर स्केल डिवीजन मुख्य स्केल के साथ मेल खाता है। रीडिंग क्या है (मिमी में)?

- a) 30.4
- b) 30.04
- c) 30.02
- d) 30.2

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

Question ID : 2141273503  
Status : Answered  
Chosen Option : C



Q.96

For an ISO M5 thread with standard pitch the recommended drill diameter for tapping is \_\_\_\_\_

- a. 4.0 mm
- b. 4.2 mm
- c. 4.5 mm
- d. 3.8 mm

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

Question ID : 2141273469  
Status : Answered  
Chosen Option : C

Q.97

Bronze is an alloy of

- a) Copper and zinc
- b) Copper and tin
- c) Copper, tin and zinc
- d) None of these

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

Question ID : 2141273485  
Status : Answered  
Chosen Option : B

Q.98

The width of cut produced by Gas cutting operation is called

- a) Bevel
- b) Gouging
- c) Kerf
- d) Damp

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

Question ID : 2141273453  
Status : Answered  
Chosen Option : C

Q.99 जब प्लान को एलिवेशन के ऊपर दिखाया जाता है तो प्रक्षेपण को \_\_\_\_\_  
कहा जाता है।

- a) पहला कोण (फ़र्स्ट एंगल)
- b) तीसरा कोण (थर्ड एंगल)
- c) आइसोमेट्रिक
- d) पर्सपेक्टिव

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

Question ID : 2141273525  
Status : Answered  
Chosen Option : C

Q.100 Metal plates mostly are made by

- a) Forging
- b) Casting
- c) Extrusion
- d) Rolling

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

Question ID : 2141273493  
Status : Answered  
Chosen Option : A