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(Mechanical)
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Participant ID	
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Test Center Name	
Test Date	27/10/2023
Test Time	4:30 PM - 6:30 PM
Subject	Mechanical Trainee

Section : Respective Discipline syllabus

Q.1 Consider the following statements regarding 'control of health risk' in the production industry:

Statement I: By devising good and safe engineering processes, the risk to the health of workers can be reduced.

Statement II: All workers in the industry are to be screened for occupational diseases.

Which of the following statements is/are correct?

- Ans**
- ☒ 1. Only I
 - ☒ 2. Only II
 - ☒ 3. Neither I nor II
 - ☒ 4. Both I and II

Question ID : 630680430978
Option 1 ID : 6306801681935
Option 2 ID : 6306801681936
Option 3 ID : 6306801681938
Option 4 ID : 6306801681937
Status : Answered
Chosen Option : 1



Q.2 The angle between the two cutting lips is usually _____ in the twist drill tool.

- Ans ☒ 1. 118°
☒ 2. 90°
☒ 3. 45°
☒ 4. 18°

Question ID : 630680430919
Option 1 ID : 6306801681700
Option 2 ID : 6306801681701
Option 3 ID : 6306801681702
Option 4 ID : 6306801681699
Status : Answered
Chosen Option : 3

Q.3 In which pipe joint, pipes are joined by screwing the threads in the pipe?

- Ans ☒ 1. Socket-welded joint
☒ 2. Threaded joint
☒ 3. Butt-welded joint
☒ 4. Flanged joint

Question ID : 630680430948
Option 1 ID : 6306801681818
Option 2 ID : 6306801681815
Option 3 ID : 6306801681817
Option 4 ID : 6306801681816
Status : Answered
Chosen Option : 4

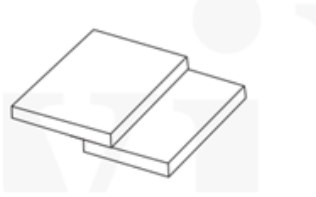
Q.4 How are 'grooved joints' typically created in pipelines?

- Ans ☒ 1. By hammering
☒ 2. Using welding
☒ 3. By making grooves at the end of the pipes
☒ 4. Using adhesive

Question ID : 630680430949
Option 1 ID : 6306801681820
Option 2 ID : 6306801681819
Option 3 ID : 6306801681822
Option 4 ID : 6306801681821
Status : Answered
Chosen Option : 3



Q.5



What type of joint is this (given above) during the welding operation?

- Ans
- ☐ 1. Tee Joint
 - ☐ 2. Butt Joint
 - ☐ 3. Corner Joint
 - ☒ 4. Lap Joint

Question ID : 630680430908
Option 1 ID : 6306801681658
Option 2 ID : 6306801681656
Option 3 ID : 6306801681657
Option 4 ID : 6306801681655

Status : Answered
Chosen Option : 4

Q.6 The heat source is generated by the combustion of _____ gas in the gas welding process.

- Ans
- ☐ 1. Xenon
 - ☐ 2. Argon
 - ☐ 3. Hydrogen
 - ☒ 4. Acetylene

Question ID : 630680430901
Option 1 ID : 6306801681628
Option 2 ID : 6306801681630
Option 3 ID : 6306801681629
Option 4 ID : 6306801681627

Status : Answered
Chosen Option : 4

Q.7 What is the primary purpose of a steam turbine?

- Ans
- ☐ 1. Producing potential energy
 - ☐ 2. Cooling the steam
 - ☒ 3. Power generation
 - ☐ 4. Producing chemical energy

Question ID : 630680430964
Option 1 ID : 6306801681882
Option 2 ID : 6306801681879
Option 3 ID : 6306801681880
Option 4 ID : 6306801681881

Status : Answered
Chosen Option : 3



Q.8 Which of the following cutting tool is used in conjunction with a drilling machine?

- Ans ☒ 1. Twist drill
☒ 2. Chisel
☒ 3. Hammer
☒ 4. Sine bar

Question ID : 630680430910
Option 1 ID : 6306801681664
Option 2 ID : 6306801681666
Option 3 ID : 6306801681665
Option 4 ID : 6306801681663
Status : Answered
Chosen Option : 1

Q.9 The work input to air compressor is minimum, if the compression law followed is _____. (Take: p= Pressure, V= Volume, C= Constant)

- Ans ☒ 1. $pV^2=C$
☒ 2. $pV^3=C$
☒ 3. $pV=C$
☒ 4. $pV^{1.8}=C$

Question ID : 630680430971
Option 1 ID : 6306801681908
Option 2 ID : 6306801681910
Option 3 ID : 6306801681907
Option 4 ID : 6306801681909
Status : Answered
Chosen Option : 1

Q.10 Regarding the gas welding, how many volume of oxygen gas is required for complete combustion of one volume of acetylene?

- Ans ☒ 1. 10
☒ 2. 1
☒ 3. $2\frac{1}{2}$
☒ 4. 5

Question ID : 630680430906
Option 1 ID : 6306801681649
Option 2 ID : 6306801681650
Option 3 ID : 6306801681647
Option 4 ID : 6306801681648
Status : Not Answered
Chosen Option : --



Q.11 Consider the following statements regarding the ways in which arc blow may be reduced in the arc welding:

Statement I: For reducing the arc blow, if you're working in D.C welding, switch over to A.C. welding.(if possible)

Statement II: For reducing the arc blow, wrap the ground cable around the work piece several times.

Which of the statements given above is/are correct?

- Ans** ☒ 1. Both Statements I and II
☒ 2. Only Statement II
☒ 3. Only Statement I
☒ 4. Neither Statement I nor II

Question ID : 630680430912
Option 1 ID : 6306801681673
Option 2 ID : 6306801681672
Option 3 ID : 6306801681671
Option 4 ID : 6306801681674
Status : Answered
Chosen Option : 1

Q.12 When an assembly of fittings on a pipeline makes one section of pipe out of line and parallel to a second section, then it is known as a/an _____.

- Ans** ☒ 1. collar
☒ 2. nipple
☒ 3. cross
☒ 4. offset

Question ID : 630680430947
Option 1 ID : 6306801681813
Option 2 ID : 6306801681814
Option 3 ID : 6306801681811
Option 4 ID : 6306801681812
Status : Answered
Chosen Option : 1

Q.13 The liquid lubricants usually used in bearings are _____.

- Ans** ☒ 1. Gasoline
☒ 2. Water
☒ 3. Mineral oils and synthetic oils
☒ 4. Honey

Question ID : 630680430961
Option 1 ID : 6306801681868
Option 2 ID : 6306801681867
Option 3 ID : 6306801681870
Option 4 ID : 6306801681869
Status : Answered
Chosen Option : 3



Q.14 What is the primary objective of 'governing' in a turbine system?

Ans ☒ 1. To increase the turbine speed as load increases

☒ 2. To reduce turbine speed as load increases

☒ 3.

To keep the turbine speed fairly constant irrespective of load

☒ 4. To generate lower amount of electricity

Question ID : 630680430967

Option 1 ID : 6306801681891

Option 2 ID : 6306801681892

Option 3 ID : 6306801681893

Option 4 ID : 6306801681894

Status : Answered

Chosen Option : 3

Q.15 What is the primary purpose of 'tapping' in the drilling machine?

Ans ☒ 1. Cutting internal threads in a hole

☒ 2. Cutting external threads on a rod

☒ 3. Welding two pieces of metal together

☒ 4. Drilling holes in metal

Question ID : 630680430923

Option 1 ID : 6306801681717

Option 2 ID : 6306801681716

Option 3 ID : 6306801681718

Option 4 ID : 6306801681715

Status : Answered

Chosen Option : 1

Q.16 Which of the following welding position is the most comfortable position for welder to work?

Ans ☒ 1. Downhand welding position

☒ 2. Horizontal welding position (on a vertical surface)

☒ 3. Vertical welding position (on a vertical surface)

☒ 4. Overhead welding position

Question ID : 630680430913

Option 1 ID : 6306801681675

Option 2 ID : 6306801681676

Option 3 ID : 6306801681677

Option 4 ID : 6306801681678

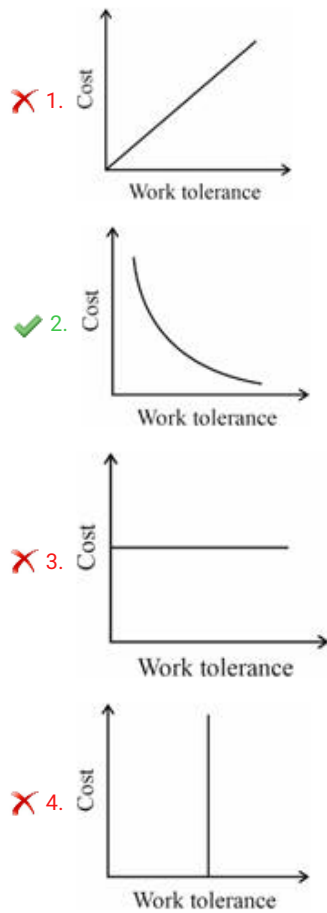
Status : Answered

Chosen Option : 1



Q.17 Which of the following shows the correct relationship between Tolerance and Manufacturing cost?

Ans



Question ID : 630680430937
Option 1 ID : 6306801681772
Option 2 ID : 6306801681771
Option 3 ID : 6306801681774
Option 4 ID : 6306801681773
Status : Answered
Chosen Option : 2

Q.18 Which of the following material cannot be forged during manufacturing process?

- Ans
- ✗ 1. Steel
 - ✗ 2. Copper
 - ✗ 3. Brass
 - ✓ 4. Cast iron

Question ID : 630680430925
Option 1 ID : 6306801681724
Option 2 ID : 6306801681725
Option 3 ID : 6306801681726
Option 4 ID : 6306801681723
Status : Answered
Chosen Option : 4



Q.19 What is the primary function of a 'pressure regulator' in a gas welding process?

- Ans
- ✓ 1. To reduce the pressure of the gas before delivering it.
 - ✗ 2. To measure the pressure of the acetylene gas.
 - ✗ 3. To measure the pressure of the oxygen gas.
 - ✗ 4. To increase the pressure of the gas before delivering it.

Question ID : 630680430902
Option 1 ID : 6306801681632
Option 2 ID : 6306801681633
Option 3 ID : 6306801681634
Option 4 ID : 6306801681631
Status : Answered
Chosen Option : 1

Q.20 Consider the following statements regarding the 'drop forging' operation:

Statement I: A modified version of power hammer is used for closed die or impression die forging, it is called a drop forging and it gives better results.

Statement II: The tup, to which the upper half of die is fixed is lifted by means of flexible ropes or a flexible canvas belting.

- Ans
- ✗ 1. Neither I nor II
 - ✗ 2. Only I
 - ✗ 3. Only II
 - ✓ 4. Both I and II

Question ID : 630680430927
Option 1 ID : 6306801681734
Option 2 ID : 6306801681731
Option 3 ID : 6306801681732
Option 4 ID : 6306801681733
Status : Answered
Chosen Option : 4

Q.21 Regarding the manufacturing technology, what is the permissible variation in size or dimension called?

- Ans
- ✗ 1. Hacksaw
 - ✗ 2. Forging
 - ✗ 3. Sintering
 - ✓ 4. Tolerance

Question ID : 630680430932
Option 1 ID : 6306801681754
Option 2 ID : 6306801681751
Option 3 ID : 6306801681753
Option 4 ID : 6306801681752
Status : Answered
Chosen Option : 4



Q.22 Which machine element supports another moving machine element (known as journal)?

- Ans
- ☒ 1. Hacksaw
 - ☒ 2. Bearing
 - ☒ 3. Ferrule
 - ☒ 4. Gear

Question ID : 630680430957
Option 1 ID : 6306801681853
Option 2 ID : 6306801681852
Option 3 ID : 6306801681854
Option 4 ID : 6306801681851
Status : Answered
Chosen Option : 2

Q.23 Where is the work piece held and fastened in a center lathe machine?

- Ans
- ☒ 1. Ram
 - ☒ 2. Carriage
 - ☒ 3. Chuck
 - ☒ 4. Cross slide

Question ID : 630680430916
Option 1 ID : 6306801681690
Option 2 ID : 6306801681687
Option 3 ID : 6306801681688
Option 4 ID : 6306801681689
Status : Answered
Chosen Option : 3

Q.24 Consider the following statements regarding the safety apparel used by the gas welding operator:

Statement I: A gas welding operator wears gloves to protect his hands during welding.

Statement II: A gas welding operator should not wear goggles during welding.

Which of the statements given above is/are correct?

- Ans
- ☒ 1. Only Statement II
 - ☒ 2. Neither Statement I nor II
 - ☒ 3. Only Statement I
 - ☒ 4. Both Statements I and II

Question ID : 630680430904
Option 1 ID : 6306801681640
Option 2 ID : 6306801681642
Option 3 ID : 6306801681639
Option 4 ID : 6306801681641
Status : Answered
Chosen Option : 3



Q.25 Which of the following expression denotes the efficiency of a compressor?

Ans

- ✗ 1. $\frac{(\text{indicated horse power})^2}{\text{isothermal horse power}}$
- ✓ 2. $\frac{\text{isothermal horse power}}{\text{indicated horse power}}$
- ✗ 3. $2 \times \frac{\text{indicated horse power}}{\text{isothermal horse power}}$
- ✗ 4. $\frac{\text{indicated horse power}}{\text{isothermal horse power}}$

Question ID : 630680430973
Option 1 ID : 6306801681917
Option 2 ID : 6306801681915
Option 3 ID : 6306801681918
Option 4 ID : 6306801681916
Status : Answered
Chosen Option : 2

Q.26 In which type of fit is the minimum permissible diameter of the shaft larger than the maximum allowable diameter of the hole?

Ans

- ✗ 1. Clearance fit
- ✗ 2. Wringing fit
- ✓ 3. Interference fit
- ✗ 4. Transition fit

Question ID : 630680430939
Option 1 ID : 6306801681779
Option 2 ID : 6306801681782
Option 3 ID : 6306801681780
Option 4 ID : 6306801681781
Status : Answered
Chosen Option : 1

Q.27 When the angle of contact of the bearing with the journal is _____, then the bearing is called a full journal bearing.

Ans

- ✗ 1. 180°
- ✗ 2. 45°
- ✗ 3. 90°
- ✓ 4. 360°

Question ID : 630680430959
Option 1 ID : 6306801681861
Option 2 ID : 6306801681859
Option 3 ID : 6306801681860
Option 4 ID : 6306801681862
Status : Answered
Chosen Option : 4



Q.28 In arc welding, the temperatures reached in an electric arc may be as high as _____.

- Ans
- ✓ 1. 5500°C
 - ✗ 2. 1000°C
 - ✗ 3. 2000°C
 - ✗ 4. 3000°C

Question ID : 630680430909
Option 1 ID : 6306801681662
Option 2 ID : 6306801681659
Option 3 ID : 6306801681660
Option 4 ID : 6306801681661
Status : Answered
Chosen Option : 3

Q.29 Consider the following statements regarding the 'limit system' in manufacturing technology:

Statement I: The limits of size of a dimension of a part are two extreme permissible sizes, between which the actual size of the dimension may lie.

Statement II: The high limit (upper limit) for that dimension is the smallest size permitted and low limit is the largest size permitted for that dimension.

- Ans
- ✓ 1. Only Statement I
 - ✗ 2. Both Statements I and II
 - ✗ 3. Neither Statement I nor II
 - ✗ 4. Only Statement II

Question ID : 630680430931
Option 1 ID : 6306801681747
Option 2 ID : 6306801681749
Option 3 ID : 6306801681750
Option 4 ID : 6306801681748
Status : Not Answered
Chosen Option : --

Q.30 What is the primary purpose of 'upsetting' operation in the forging process?

- Ans
- ✗ 1. To decrease the cross-section of the workpiece
 - ✗ 2. To align the workpiece fibers
 - ✗ 3. To maintain the workpiece's original dimensions
 - ✓ 4.

To increase the cross-section at the expense of the length of the workpiece

Question ID : 630680430926
Option 1 ID : 6306801681727
Option 2 ID : 6306801681728
Option 3 ID : 6306801681729
Option 4 ID : 6306801681730
Status : Answered
Chosen Option : 4



Q.31 Consider the following statements regarding the 'systems of obtaining different types of fits' in manufacturing technology:

Statement I: In the hole basis system, the shaft is kept constant and the sizes of the hole are varied to give various types of fits.

Statement II: In the shaft basis system, the hole is kept constant and the shaft sizes are varied to give the various types of fits.

- Ans**
- ☒ 1. Only Statement I
 - ☒ 2. Neither Statement I nor II
 - ☒ 3. Only Statement II
 - ☒ 4. Both Statements I and II

Question ID : 630680430941
Option 1 ID : 6306801681787
Option 2 ID : 6306801681790
Option 3 ID : 6306801681788
Option 4 ID : 6306801681789

Status : Answered
Chosen Option : 4

Q.32 What is the primary function of the 'radiator' in an air conditioning system?

- Ans**
- ☒ 1. To purify the air
 - ☒ 2. To generate electricity
 - ☒ 3. To serve as the heat transfer element
 - ☒ 4. As a lighting device

Question ID : 630680430977
Option 1 ID : 6306801681931
Option 2 ID : 6306801681932
Option 3 ID : 6306801681934
Option 4 ID : 6306801681933

Status : Answered
Chosen Option : 3

Q.33 _____ is the term used to indicate the size of the abrasive grain in a grinding wheel.

- Ans**
- ☒ 1. Coarse index
 - ☒ 2. Drag
 - ☒ 3. Hardness index
 - ☒ 4. Grit

Question ID : 630680430922
Option 1 ID : 6306801681712
Option 2 ID : 6306801681711
Option 3 ID : 6306801681714
Option 4 ID : 6306801681713

Status : Answered
Chosen Option : 4



Q.34 What does 'tolerance' indicate in manufacturing technology?

Ans ☒ 1. There are no size restrictions in production.

☒ 2.

A worker is not expected to produce the part to the exact size.

☒ 3. Tolerance is irrelevant in manufacturing.

☒ 4. A worker should always produce the part to the exact size.

Question ID : 630680430933

Option 1 ID : 6306801681758

Option 2 ID : 6306801681756

Option 3 ID : 6306801681757

Option 4 ID : 6306801681755

Status : Answered

Chosen Option : 3

Q.35 Any special job that may possess safety risks should not be started without _____ to the task performer.

Ans ☒ 1. giving money

☒ 2. giving proper training

☒ 3. giving meal

☒ 4. a good luck charm

Question ID : 630680430979

Option 1 ID : 6306801681942

Option 2 ID : 6306801681940

Option 3 ID : 6306801681941

Option 4 ID : 6306801681939

Status : Answered

Chosen Option : 2

Q.36 A shaft of 25 mm and its basic size may be written as 25 ± 0.02 . What is the tolerance for this shaft?

Ans ☒ 1. 0.01 mm.

☒ 2. 0.02 mm.

☒ 3. 0.03 mm.

☒ 4. 0.04 mm.

Question ID : 630680430935

Option 1 ID : 6306801681764

Option 2 ID : 6306801681763

Option 3 ID : 6306801681766

Option 4 ID : 6306801681765

Status : Answered

Chosen Option : 2



Q.37 What is that lathe machine part which can slide along the guide ways provided on the bed?

- Ans
- ☒ 1. Feedbox
 - ☒ 2. Tailstock
 - ☒ 3. Headstock
 - ☒ 4. Four jaw chuck

Question ID : 630680430917
Option 1 ID : 6306801681693
Option 2 ID : 6306801681692
Option 3 ID : 6306801681691
Option 4 ID : 6306801681694
Status : Answered
Chosen Option : 2

Q.38 Consider the following statements regarding the 'air-conditioning' installation:

I. Temperature control is one of the factors in air-conditioning installation.

II. Humidity control is one of the factors in air-conditioning installation.

- Ans
- ☒ 1. Only II
 - ☒ 2. Both I and II
 - ☒ 3. Neither I nor II
 - ☒ 4. Only I

Question ID : 630680430974
Option 1 ID : 6306801681920
Option 2 ID : 6306801681921
Option 3 ID : 6306801681922
Option 4 ID : 6306801681919
Status : Answered
Chosen Option : 2

Q.39 Where a 'collar' is typically fitted on a pipe?

- Ans
- ☒ 1. At the end of the pipe
 - ☒ 2. In the middle of the pipe
 - ☒ 3. Inside the pipe
 - ☒ 4. At $\frac{2}{3}$ rd length of the pipe

Question ID : 630680430943
Option 1 ID : 6306801681797
Option 2 ID : 6306801681795
Option 3 ID : 6306801681798
Option 4 ID : 6306801681796
Status : Answered
Chosen Option : 4



Q.40 What component is typically placed between flanges and bolted in a flanged joint to create a seal in the pipeline?

- Ans**
- ☒ 1. Gasket
 - ☐ 2. A hard rubber washer
 - ☐ 3. Nuts
 - ☐ 4. Bolts

Question ID : 630680430950
Option 1 ID : 6306801681825
Option 2 ID : 6306801681826
Option 3 ID : 6306801681823
Option 4 ID : 6306801681824
Status : Answered
Chosen Option : 1

Q.41 Which valve is used to control the movement of a fluid like liquids, gases, fluidised solids, or slurries by opening, closing or partially obstructing various pathways?

- Ans**
- ☐ 1. Ferrule
 - ☒ 2. Angle valve
 - ☐ 3. Float valve
 - ☐ 4. Foot valve

Question ID : 630680430954
Option 1 ID : 6306801681839
Option 2 ID : 6306801681840
Option 3 ID : 6306801681842
Option 4 ID : 6306801681841
Status : Answered
Chosen Option : 3

Q.42 The function of which of the following devices is to take a certain quantity of fluid (usually gas, and most often air) and deliver it at the required pressure?

- Ans**
- ☐ 1. Radiator
 - ☐ 2. Nozzle
 - ☐ 3. Inverter
 - ☒ 4. Compressor

Question ID : 630680430970
Option 1 ID : 6306801681906
Option 2 ID : 6306801681904
Option 3 ID : 6306801681905
Option 4 ID : 6306801681903
Status : Answered
Chosen Option : 2



Q.43 Which of the following welding process employs covered electrodes for producing an arc to act as a heat source?

Ans

- ✓ 1. Shielded metal arc welding
- ✗ 2. Oxy-Acetylene gas welding
- ✗ 3. Resistance arc welding
- ✗ 4. Tungsten inert gas welding

Question ID : 630680430907
Option 1 ID : 6306801681654
Option 2 ID : 6306801681651
Option 3 ID : 6306801681653
Option 4 ID : 6306801681652
Status : Answered
Chosen Option : 4

Q.44 In which welding process the molten metal is protected from the ill effects of oxygen and nitrogen from the surrounding atmosphere?

Ans

- ✗ 1. Electron beam welding
- ✗ 2. Tungsten inert gas welding
- ✗ 3. Oxy-Acetylene gas welding
- ✓ 4. Shielded metal arc welding

Question ID : 630680430903
Option 1 ID : 6306801681635
Option 2 ID : 6306801681638
Option 3 ID : 6306801681636
Option 4 ID : 6306801681637
Status : Answered
Chosen Option : 4

Q.45 What does the 'bilateral system of tolerance' mean in manufacturing technology?

Ans

- ✓ 1. The dimension of the part is allowed to vary in both sides of the basic size.
- ✗ 2. It restricts variation to the upper limit of the dimension.
- ✗ 3. It only allows variation on one side of the basic size.
- ✗ 4. It does not allow any tolerance.

Question ID : 630680430936
Option 1 ID : 6306801681770
Option 2 ID : 6306801681769
Option 3 ID : 6306801681768
Option 4 ID : 6306801681767
Status : Answered
Chosen Option : 2



Q.46 What happens with the help of an 'elbow' in a piping system?

- Ans
- ✓ 1. Direction of liquid is changed
 - ✗ 2. The pipe narrows
 - ✗ 3. The pipe gets longer
 - ✗ 4. The pipe becomes straight

Question ID : 630680430944
 Option 1 ID : 6306801681801
 Option 2 ID : 6306801681802
 Option 3 ID : 6306801681799
 Option 4 ID : 6306801681800
 Status : Answered
 Chosen Option : 1

Q.47 What is typically fitted for sealing flange joints in pipelines?

- Ans
- ✗ 1. Nuts
 - ✗ 2. Bolts
 - ✗ 3. Elbow
 - ✓ 4. Gasket

Question ID : 630680430945
 Option 1 ID : 6306801681804
 Option 2 ID : 6306801681803
 Option 3 ID : 6306801681805
 Option 4 ID : 6306801681806
 Status : Answered
 Chosen Option : 4

Q.48 What equipment is typically used for press forging?

- Ans
- ✗ 1. Low-capacity hydraulic presses
 - ✗ 2. Handheld hammers
 - ✓ 3. High-capacity hydraulic presses
 - ✗ 4. Electric heaters

Question ID : 630680430928
 Option 1 ID : 6306801681736
 Option 2 ID : 6306801681735
 Option 3 ID : 6306801681737
 Option 4 ID : 6306801681738
 Status : Answered
 Chosen Option : 3



Q.49 Which of the following machining process is an operation of sizing and improving the geometry and finish of a previously drilled hole?

- Ans ☒ 1. Reaming
☒ 2. Welding
☒ 3. Facing
☒ 4. Milling

Question ID : 630680430921
 Option 1 ID : 6306801681709
 Option 2 ID : 6306801681708
 Option 3 ID : 6306801681707
 Option 4 ID : 6306801681710
 Status : Answered
 Chosen Option : 1

Q.50 Low pressure turbines are using steam at a pressure of _____ ata. (atmosphere absolute).

- Ans ☒ 1. 1.2 to 2
☒ 2. 15 to 20
☒ 3. .001 to .01
☒ 4. 5 to 10

Question ID : 630680430966
 Option 1 ID : 6306801681888
 Option 2 ID : 6306801681890
 Option 3 ID : 6306801681889
 Option 4 ID : 6306801681887
 Status : Answered
 Chosen Option : 4

Q.51 In which of the machining process, an emery or corundum wheel is used as the cutting tool?

- Ans ☒ 1. Forging
☒ 2. Reaming
☒ 3. Turning
☒ 4. Grinding

Question ID : 630680430929
 Option 1 ID : 6306801681739
 Option 2 ID : 6306801681741
 Option 3 ID : 6306801681740
 Option 4 ID : 6306801681742
 Status : Answered
 Chosen Option : 4



Q.52 How does a steam turbine work?

Ans  1.

Potential energy is transformed into kinetic energy and later into mechanical energy.

 2. It directly generates mechanical energy from steam.

 3. It converts electrical energy into chemical energy.

 4. It relies on chemical reactions to produce energy.

Question ID : 630680430963

Option 1 ID : 6306801681878

Option 2 ID : 6306801681877

Option 3 ID : 6306801681876

Option 4 ID : 6306801681875

Status : Answered

Chosen Option : 2

Q.53 What are the different kind of operations carried out on lathe machine?

I. Turning

II. Boring

III. Knurling

Ans  1. Only I and III

 2. Only II and III

 3. Only I and II

 4. I, II and III

Question ID : 630680430920

Option 1 ID : 6306801681705

Option 2 ID : 6306801681704

Option 3 ID : 6306801681703

Option 4 ID : 6306801681706

Status : Answered

Chosen Option : 4



Q.54 In which of the following turbine types does steam flow in a direction perpendicular to the axis of the turbine?

Ans ☒ 1. Mixed flow turbine

☒ 2.

Steam never flow in a direction perpendicular to the axis of the turbine.

☒ 3. Radial flow turbine

☒ 4. Axial flow turbine

Question ID : 630680430965

Option 1 ID : 6306801681885

Option 2 ID : 6306801681886

Option 3 ID : 6306801681884

Option 4 ID : 6306801681883

Status : Answered

Chosen Option : 4

Q.55 What is the 'tolerance zone' in the production technology?

Ans ☒ 1. A place where tolerance is not considered.

☒ 2.

The difference between the upper limit and the lower limit of a dimension.

☒ 3. The ideal size for a part.

☒ 4. The maximum allowable size for a part.

Question ID : 630680430934

Option 1 ID : 6306801681761

Option 2 ID : 6306801681762

Option 3 ID : 6306801681759

Option 4 ID : 6306801681760

Status : Answered

Chosen Option : 2

Q.56 What is the term used to define a degree of tightness or looseness between two mating parts in the manufacturing technology?

Ans ☒ 1. Jack

☒ 2. Tolerance

☒ 3. Fit

☒ 4. Limit

Question ID : 630680430938

Option 1 ID : 6306801681778

Option 2 ID : 6306801681775

Option 3 ID : 6306801681777

Option 4 ID : 6306801681776

Status : Answered

Chosen Option : 4



Q.57 Which pipe fitting component is a piece of pipe that has threads on both sides, and can be used to connect small extensions of plumbing lines?

- Ans**
- ✓ 1. Nipple
 - ✗ 2. Elbow
 - ✗ 3. Nut
 - ✗ 4. Gasket

Question ID : 630680430946
Option 1 ID : 6306801681807
Option 2 ID : 6306801681809
Option 3 ID : 6306801681808
Option 4 ID : 6306801681810
Status : Answered
Chosen Option : 1

Q.58 Consider the following statements regarding the 'throttle governing' of a steam turbine:

Statement I: It is the most widely used particularly on small turbines, because its initial cost is less and the mechanism is simple.

Statement II: The object of throttle governing is to throttle the steam whenever there is a reduction of load compared to economic or design load for maintaining speed and vice versa.

- Ans**
- ✓ 1. Both I and II
 - ✗ 2. Only I
 - ✗ 3. Only II
 - ✗ 4. Neither I nor II

Question ID : 630680430968
Option 1 ID : 6306801681897
Option 2 ID : 6306801681895
Option 3 ID : 6306801681896
Option 4 ID : 6306801681898
Status : Answered
Chosen Option : 1

Q.59 Which valve is used for stopping water when the water tank or flush toilet is filled, so that it stops overflowing?

- Ans**
- ✗ 1. Angle valve
 - ✗ 2. Foot valve
 - ✓ 3. Float valve
 - ✗ 4. Sluice valve

Question ID : 630680430955
Option 1 ID : 6306801681844
Option 2 ID : 6306801681846
Option 3 ID : 6306801681843
Option 4 ID : 6306801681845
Status : Answered
Chosen Option : 2



Q.60 What is a characteristic of single-acting reciprocating compressor?

Ans ☒ 1. The air is always compressed on both sides of the piston.

☒ 2.

The air is compressed in the cylinder sometimes on one side and sometimes both sides of the piston.

☒ 3.

The air may be compressed in the cylinder on one side of the piston only.

☒ 4. The air is never compressed in the cylinder.

Question ID : 630680430972

Option 1 ID : 6306801681911

Option 2 ID : 6306801681914

Option 3 ID : 6306801681913

Option 4 ID : 6306801681912

Status : Answered

Chosen Option : 2

Q.61 What is that air-conditioning components which is used to arrest the solid impurities such as soot, ash, lint, smoke, etc.?

Ans ☒ 1. Steam heated coil

☒ 2. Filter

☒ 3. Fan

☒ 4. Finned coil

Question ID : 630680430975

Option 1 ID : 6306801681926

Option 2 ID : 6306801681923

Option 3 ID : 6306801681924

Option 4 ID : 6306801681925

Status : Answered

Chosen Option : 2

Q.62 What is that lathe machine part which is fixed at the extreme left hand of the bed?

Ans ☒ 1. Four jaw chuck

☒ 2. Dead centre

☒ 3. Headstock

☒ 4. Carriage

Question ID : 630680430914

Option 1 ID : 6306801681679

Option 2 ID : 6306801681680

Option 3 ID : 6306801681682

Option 4 ID : 6306801681681

Status : Answered

Chosen Option : 3



Q.63 'Push fit' is the example of which type of fit used in the production process?

- Ans
- ☒ 1. Running fit
 - ☒ 2. Clearance fit
 - ☒ 3. Transition fit
 - ☒ 4. Interference fit

Question ID : 630680430940
 Option 1 ID : 6306801681786
 Option 2 ID : 6306801681785
 Option 3 ID : 6306801681783
 Option 4 ID : 6306801681784
 Status : Answered
 Chosen Option : 3

Q.64 What is the 'filler material' called in brazing process?

- Ans
- ☒ 1. Spelter
 - ☒ 2. Hacksaw
 - ☒ 3. Reamer
 - ☒ 4. Sinter

Question ID : 630680430905
 Option 1 ID : 6306801681644
 Option 2 ID : 6306801681645
 Option 3 ID : 6306801681643
 Option 4 ID : 6306801681646
 Status : Answered
 Chosen Option : 1

Q.65 In the production process, the numerical value for standard tolerance (i) is given by the formula :

$$i = 0.453\sqrt[3]{D} + 0.001D \text{microns}$$

What does 'D' mean in the above formula?

- Ans
- ☒ 1. Geometric mean of the lower and upper diameter
 - ☒ 2. Length of the shaft
 - ☒ 3. Upper diameter
 - ☒ 4. Lower diameter

Question ID : 630680430942
 Option 1 ID : 6306801681794
 Option 2 ID : 6306801681793
 Option 3 ID : 6306801681791
 Option 4 ID : 6306801681792
 Status : Answered
 Chosen Option : 1



Q.66



Which component is shown in the above figure in relation to a pipe fitting?

- Ans
- ☐ 1. Collar
 - ☐ 2. Gasket
 - ☐ 3. Offset
 - ☒ 4. Union

Question ID : 630680430951
Option 1 ID : 6306801681828
Option 2 ID : 6306801681827
Option 3 ID : 6306801681830
Option 4 ID : 6306801681829
Status : Answered
Chosen Option : 1

Q.67 In which of the following manufacturing processes, metals and alloys are deformed into specified shapes by repeatedly striking them with a hammer?

- Ans
- ☐ 1. Welding
 - ☒ 2. Forging
 - ☐ 3. Facing
 - ☐ 4. Boring

Question ID : 630680430924
Option 1 ID : 6306801681719
Option 2 ID : 6306801681722
Option 3 ID : 6306801681720
Option 4 ID : 6306801681721
Status : Answered
Chosen Option : 2

Q.68 Which valve is used for connecting a service pipe to the water main, and is usually made of non-ferrous metal and screwed to the main pipe?

- Ans
- ☐ 1. Globe valve
 - ☐ 2. Gate valve
 - ☐ 3. Sluice valve
 - ☒ 4. Ferrule

Question ID : 630680430956
Option 1 ID : 6306801681849
Option 2 ID : 6306801681850
Option 3 ID : 6306801681847
Option 4 ID : 6306801681848
Status : Answered
Chosen Option : 2



Q.69 How a 'sluice valve' is typically specified?

- Ans
- ✓ 1. By pipe bore diameter
 - ✗ 2. By material of construction
 - ✗ 3. By manufacturer's name
 - ✗ 4. By length of the valve stem

Question ID : 630680430952
Option 1 ID : 6306801681834
Option 2 ID : 6306801681831
Option 3 ID : 6306801681833
Option 4 ID : 6306801681832
Status : Answered
Chosen Option : 4

Q.70 Consider the following statements regarding the types of bearings:

Statement I: In radial bearings, the load acts perpendicular to the direction of motion of the moving element.

Statement II: In thrust bearing, the load acts along the axis of rotation.

- Ans
- ✓ 1. Both I and II
 - ✗ 2. Only I
 - ✗ 3. Neither I nor II
 - ✗ 4. Only II

Question ID : 630680430958
Option 1 ID : 6306801681857
Option 2 ID : 6306801681855
Option 3 ID : 6306801681858
Option 4 ID : 6306801681856
Status : Answered
Chosen Option : 1

Q.71 What type of power supply may be used for arc welding?

- Ans
- ✗ 1. Solar Power
 - ✗ 2. Only A.C.
 - ✓ 3. Either A.C. or D.C.
 - ✗ 4. Only D.C.

Question ID : 630680430911
Option 1 ID : 6306801681670
Option 2 ID : 6306801681667
Option 3 ID : 6306801681669
Option 4 ID : 6306801681668
Status : Answered
Chosen Option : 3



Q.72 Steam turbines are governed by which of the following methods?

- I. Throttle governing
- II. Nozzle control governing
- III. By-pass governing

- Ans
- ☒ 1. Only II and III
 - ☒ 2. Only I and III
 - ☒ 3. I, II and III
 - ☒ 4. Only I and II

Question ID : 630680430969
Option 1 ID : 6306801681900
Option 2 ID : 6306801681901
Option 3 ID : 6306801681902
Option 4 ID : 6306801681899
Status : Answered
Chosen Option : 3

Q.73 What is the primary function of an 'air valve' in a pipeline system?

- Ans
- ☒ 1. Controlling water pressure
 - ☒ 2. Measuring water flow
 - ☒ 3. Filtering impurities
 - ☒ 4. Releasing the air automatically when the pipe is filled with water

Question ID : 630680430953
Option 1 ID : 6306801681836
Option 2 ID : 6306801681835
Option 3 ID : 6306801681837
Option 4 ID : 6306801681838
Status : Answered
Chosen Option : 4



Q.74 Regarding lubricated bearings, the lubricant obeys which scientific principle?

- Ans ☒ 1. Newton's law of viscous flow
☐ 2. Archimedes' principle
☐ 3. Boyle's law
☐ 4. Newton's second law of motion

Question ID : 630680430960
Option 1 ID : 6306801681866
Option 2 ID : 6306801681864
Option 3 ID : 6306801681865
Option 4 ID : 6306801681863
Status : Answered
Chosen Option : 1

Q.75 In cylindrical grinding operation, the work is rotated at r.p.m which works approximately at what speed?

- Ans ☒ 1. 20-25 meters/minutes
☐ 2. 5-10 meters/minute
☐ 3. 45-50 meters/minutes
☐ 4. 2-5 meters/minutes

Question ID : 630680430930
Option 1 ID : 6306801681745
Option 2 ID : 6306801681743
Option 3 ID : 6306801681744
Option 4 ID : 6306801681746
Status : Not Answered
Chosen Option : --

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Q.76



Which component is shown in the above figure in relation to a pipe fitting?

- Ans
- ☐ 1. Single tee socket
 - ☒ 2. Double tee socket
 - ☐ 3. Nipple
 - ☐ 4. Trap

Question ID : 630680430962
Option 1 ID : 6306801681871
Option 2 ID : 6306801681872
Option 3 ID : 6306801681873
Option 4 ID : 6306801681874

Status : Answered

Chosen Option : 4

Q.77 In reciprocating compressors, where are the inlet and delivery valves typically mounted?

- Ans
- ☐ 1. In the middle of the cylinder
 - ☒ 2. In the head of the cylinder
 - ☐ 3. Near the crank
 - ☐ 4. Bottom of the cylinder

Question ID : 630680430980
Option 1 ID : 6306801681945
Option 2 ID : 6306801681946
Option 3 ID : 6306801681943
Option 4 ID : 6306801681944

Status : Answered

Chosen Option : 2



Q.78 Consider the following statements regarding the cutting speed in a lathe machine:

I. Cutting speed means the linear speed at which cutting takes place.

II. The optimum cutting speed depends upon the tool material, the material to be cut and whether a cutting fluid is being used or not.

- Ans**
- ☒ 1. Only Statement I
 - ☒ 2. Both Statements I and II
 - ☒ 3. Neither Statement I nor II
 - ☒ 4. Only Statement II

Question ID : 630680430918
Option 1 ID : 6306801681695
Option 2 ID : 6306801681697
Option 3 ID : 6306801681698
Option 4 ID : 6306801681696
Status : Answered
Chosen Option : 1

Q.79 How are 'thermostats' typically used in air conditioning systems?

- Ans**
- ☒ 1. To generate cold air
 - ☒ 2. To provide lighting
 - ☒ 3. To turn off the A.C.
 - ☒ 4. As a control device

Question ID : 630680430976
Option 1 ID : 6306801681927
Option 2 ID : 6306801681930
Option 3 ID : 6306801681928
Option 4 ID : 6306801681929
Status : Answered
Chosen Option : 1

Q.80 Tin-lead alloys are the most common in soldering process and are called _____.

- Ans**
- ☒ 1. Soft solder
 - ☒ 2. Silver solder
 - ☒ 3. Copper solder
 - ☒ 4. Hard solder

Question ID : 630680430915
Option 1 ID : 6306801681685
Option 2 ID : 6306801681684
Option 3 ID : 6306801681686
Option 4 ID : 6306801681683
Status : Answered
Chosen Option : 1

Section : Reasoning



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Q.1 In the following question, select the missing number from the given series.

30, 89, 270, 805, 2422, ?

- Ans
- ☒ 1. 6125
 - ☒ 2. 7257
 - ☒ 3. 7123
 - ☒ 4. 7100

Question ID : 630680430989
Option 1 ID : 6306801681982
Option 2 ID : 6306801681980
Option 3 ID : 6306801681981
Option 4 ID : 6306801681979
Status : Answered
Chosen Option : 2

Q.2 Eight persons H1, H2, H3, H4, H5, H6, H7 and H8 live on eight different floors such as lowermost floor is numbered as 1, floor above it is numbered as 2 and so on till top floor which is numbered as 8. H3 lives on an even numbered floor. Only three people live between H3 and H4. Only five persons live between H8 and H5, and both (H8 and H5) live on odd numbered floors. H8 lives above H3. Both H6 and H7 live above H1. H6 lives above H7. H8 lives above H2. Three persons live between H1 and H2. H2 lives on an even numbered floor. Who lives between H3 and H2?

- Ans
- ☒ 1. H1
 - ☒ 2. H4
 - ☒ 3. H8
 - ☒ 4. H6

Question ID : 630680430981
Option 1 ID : 6306801681950
Option 2 ID : 6306801681947
Option 3 ID : 6306801681948
Option 4 ID : 6306801681949
Status : Answered
Chosen Option : 4

Q.3 In the following question, select the related letters from the given alternatives.

AY : ZB :: VG : ?

- Ans
- ☒ 1. KP
 - ☒ 2. ZX
 - ☒ 3. UM
 - ☒ 4. HW

Question ID : 630680430986
Option 1 ID : 6306801681970
Option 2 ID : 6306801681967
Option 3 ID : 6306801681969
Option 4 ID : 6306801681968
Status : Answered
Chosen Option : 4



Q.4 Consider the five three digit numbers given below and the answer the questions based on it.

(Left) 153 361 428 651 449 (Right)

If we add '1' in even digit and subtract '1' from odd digit. Then in newly formed group what will be the 4th number from right end?

- Ans**
- ✓ 1. 270
 - ✗ 2. 740
 - ✗ 3. 558
 - ✗ 4. 539

Question ID : 630680430982
Option 1 ID : 6306801681951
Option 2 ID : 6306801681953
Option 3 ID : 6306801681954
Option 4 ID : 6306801681952
Status : Not Answered
Chosen Option : --

Q.5 If $A + B$ means A is the daughter of B, $A \times B$ means A is the husband of B, $A \div B$ means A is the father of B and $A - B$ means A is the wife of B. If $K - S \div J \times B \div C - Q$, then how J is related to Q?

- Ans**
- ✗ 1. Daughter-in-law
 - ✗ 2. Son
 - ✓ 3. Son-in-law
 - ✗ 4. Daughter

Question ID : 630680430984
Option 1 ID : 6306801681959
Option 2 ID : 6306801681960
Option 3 ID : 6306801681961
Option 4 ID : 6306801681962
Status : Answered
Chosen Option : 3

Q.6 In a certain code language, 'MILE' is written as 'QMPI'. What is the code for 'LOAD' in that code language?

- Ans**
- ✓ 1. PSEH
 - ✗ 2. PTDI
 - ✗ 3. PSEI
 - ✗ 4. PSDH

Question ID : 630680430983
Option 1 ID : 6306801681957
Option 2 ID : 6306801681955
Option 3 ID : 6306801681958
Option 4 ID : 6306801681956
Status : Answered
Chosen Option : 1



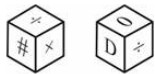
Q.7 Select the option that is related to the third number cluster in the same way as the second number cluster is related to the first number cluster and sixth number cluster is related to fifth number cluster.

121 : 100 :: 225 : ? :: 529 : 484

- Ans**
- ☒ 1. 172
 - ☒ 2. 212
 - ☒ 3. 196
 - ☒ 4. 206

Question ID : 630680430990
Option 1 ID : 6306801681985
Option 2 ID : 6306801681983
Option 3 ID : 6306801681984
Option 4 ID : 6306801681986
Status : Answered
Chosen Option : 3

Q.8 Two positions of a dice are given below. What will come on the face opposite to the face containing '0' on it?



- Ans**
- ☒ 1. x
 - ☒ 2. D
 - ☒ 3. #
 - ☒ 4. ÷

Question ID : 630680430987
Option 1 ID : 6306801681972
Option 2 ID : 6306801681974
Option 3 ID : 6306801681971
Option 4 ID : 6306801681973
Status : Answered
Chosen Option : 3



Q.9 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. Some paper are red.

II. All red are car.

Conclusion:

I. No car is paper.

II. All red are paper.

III. All car are red.

- Ans**
- ☒ 1. Both conclusions II and III follows
 - ☒ 2. Neither conclusion follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Both conclusions I and III follows

Question ID : 630680430985
Option 1 ID : 6306801681964
Option 2 ID : 6306801681966
Option 3 ID : 6306801681963
Option 4 ID : 6306801681965
Status : Answered
Chosen Option : 2

Q.10 Two figures given on the left side of (::) are related with some logic/rule/relation. Select the missing figure/figure pair on the right side of (::) from the given alternatives based on the same logic/rule/relation.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 630680430988
Option 1 ID : 6306801681978
Option 2 ID : 6306801681975
Option 3 ID : 6306801681976
Option 4 ID : 6306801681977
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude



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Q.1 Ram, Shyam and Karan alone complete a work in 40, 50 and 25 days respectively. In how many days Ram, Shyam and Karan together can complete $\frac{1}{4}$ of the same work?

- Ans**
- ☒ 1. 60/13 days
 - ☒ 2. 53/17 days
 - ☒ 3. 50/17 days
 - ☒ 4. 15/17 days

Question ID : 630680430996
Option 1 ID : 6306801682008
Option 2 ID : 6306801682010
Option 3 ID : 6306801682007
Option 4 ID : 6306801682009
Status : Answered
Chosen Option : 3

Q.2 What is the value of $24 \div 36 \div 15$ of $72 \times 126 \div 7 \times 5$?

- Ans**
- ☒ 1. 18.2
 - ☒ 2. 15.4
 - ☒ 3. 15.2
 - ☒ 4. 14.4

Question ID : 630680430993
Option 1 ID : 6306801681998
Option 2 ID : 6306801681995
Option 3 ID : 6306801681997
Option 4 ID : 6306801681996
Status : Answered
Chosen Option : 4

Q.3 If the difference between the two numbers is 75 percent of their sum, then what is the ratio of larger number and smaller number?

- Ans**
- ☒ 1. 7 : 1
 - ☒ 2. 5 : 2
 - ☒ 3. 7 : 3
 - ☒ 4. 7 : 2

Question ID : 630680430994
Option 1 ID : 6306801682001
Option 2 ID : 6306801682000
Option 3 ID : 6306801682002
Option 4 ID : 6306801681999
Status : Answered
Chosen Option : 1



Q.4 Anil goes at a speed of 120 m/s. How many minutes will he take to cover a distance of 4200 metres?

- Ans
- ☒ 1. 6/13 minutes
 - ☒ 2. 9/14 minutes
 - ☒ 3. 7/12 minutes
 - ☒ 4. 8/11 minutes

Question ID : 630680430997
Option 1 ID : 6306801682013
Option 2 ID : 6306801682014
Option 3 ID : 6306801682012
Option 4 ID : 6306801682011
Status : Answered
Chosen Option : 3

Q.5 What is the value of $(21 \div 7) + 7 + (7 - 2) \times 9$?

- Ans
- ☒ 1. 55
 - ☒ 2. 27
 - ☒ 3. 41
 - ☒ 4. 80

Question ID : 630680430992
Option 1 ID : 6306801681991
Option 2 ID : 6306801681994
Option 3 ID : 6306801681992
Option 4 ID : 6306801681993
Status : Answered
Chosen Option : 1

Q.6 Sonu sells two bicycles at the rate of Rs. 2688 per bicycle. He earns a profit of 20 percent on one bicycle and loses 20 percent on the other bicycle. What will be the total profit or loss in whole transaction?

- Ans
- ☒ 1. Rs. 576 profit
 - ☒ 2. Rs. 306 loss
 - ☒ 3. Rs. 284 profit
 - ☒ 4. Rs. 224 loss

Question ID : 630680430995
Option 1 ID : 6306801682003
Option 2 ID : 6306801682006
Option 3 ID : 6306801682005
Option 4 ID : 6306801682004
Status : Answered
Chosen Option : 4



Q.7 The ratio of curved surface area of two cones is 1 : 12 and the ratio of their slant heights is 1 : 4. What is the ratio of the radius of the two cones?

- Ans**
- ✓ 1. 1 : 3
 - ✗ 2. 3 : 5
 - ✗ 3. 1 : 5
 - ✗ 4. 2 : 5

Question ID : 630680431000
Option 1 ID : 6306801682024
Option 2 ID : 6306801682025
Option 3 ID : 6306801682026
Option 4 ID : 6306801682023
Status : Answered
Chosen Option : 1

Q.8 A person bought 200 cars for Rs. 50000. If the average price of 150 cars is Rs. 150, then what is the average price of remaining cars?

- Ans**
- ✗ 1. Rs. 575
 - ✗ 2. Rs. 620
 - ✗ 3. Rs. 600
 - ✓ 4. Rs. 550

Question ID : 630680430991
Option 1 ID : 6306801681990
Option 2 ID : 6306801681987
Option 3 ID : 6306801681988
Option 4 ID : 6306801681989
Status : Answered
Chosen Option : 4

Q.9 The perimeter of a rectangle is 66 cm. If the length of the rectangle is twice of its breadth, then what is the length of its diagonal?

- Ans**
- ✓ 1. $11\sqrt{5}$ cm
 - ✗ 2. $12\sqrt{5}$ cm
 - ✗ 3. $13\sqrt{5}$ cm
 - ✗ 4. $9\sqrt{3}$ cm

Question ID : 630680430999
Option 1 ID : 6306801682021
Option 2 ID : 6306801682022
Option 3 ID : 6306801682020
Option 4 ID : 6306801682019
Status : Answered
Chosen Option : 1



Q.10 A runner starts running from a point at 6:30 am at the speed of 6 km/hr. Second runner starts from the same point at 8:00 am in the same direction with a speed of 9 km/hr. At what time of the day will the second runner will overtake the first runner?

- Ans**
- ☒ 1. 1:00 pm
 - ☒ 2. 10:00 am
 - ☒ 3. 12:00 pm
 - ☒ 4. 11:00 am

Question ID : 630680430998
Option 1 ID : 6306801682017
Option 2 ID : 6306801682016
Option 3 ID : 6306801682015
Option 4 ID : 6306801682018
Status : Answered
Chosen Option : 3

Section : General Awareness

Q.1 Which of the following statements is correct regarding the Prime Minister of India?

- I. The executive power of the Union formally in the Prime Minister.
- II. The Prime Minister is appointed by the President.

- Ans**
- ☒ 1. Only I
 - ☒ 2. Only II
 - ☒ 3. Neither I nor II
 - ☒ 4. Both I and II

Question ID : 630680431008
Option 1 ID : 6306801682055
Option 2 ID : 6306801682056
Option 3 ID : 6306801682058
Option 4 ID : 6306801682057
Status : Answered
Chosen Option : 2



Q.2 Which of the following is associated with the phylum Arthropoda?

I. Butterfly

II. Scorpion

- Ans
- ☒ 1. Neither I nor II
 - ☒ 2. Only II
 - ☒ 3. Both I and II
 - ☒ 4. Only I

Question ID : 630680431009
 Option 1 ID : 6306801682062
 Option 2 ID : 6306801682060
 Option 3 ID : 6306801682061
 Option 4 ID : 6306801682059
 Status : Answered
 Chosen Option : 2

Q.3 Which of the following statements is correct regarding Bihu festival?

I. Bohag Bihu marks the beginning of sowing by the farmers.

II. Kati Bihu marks the season of harvesting.

- Ans
- ☒ 1. Only I
 - ☒ 2. Neither I nor II
 - ☒ 3. Both I and II
 - ☒ 4. Only II

Question ID : 630680431010
 Option 1 ID : 6306801682063
 Option 2 ID : 6306801682066
 Option 3 ID : 6306801682065
 Option 4 ID : 6306801682064
 Status : Answered
 Chosen Option : 3



Q.4 Which of the following rivers rises in Tibet?

I. Indus

II. Brahmaputra

Ans ☒ 1. Only I

☒ 2. Neither I nor II

☒ 3. Only II

☒ 4. Both I and II

Question ID : 630680431006

Option 1 ID : 6306801682047

Option 2 ID : 6306801682050

Option 3 ID : 6306801682048

Option 4 ID : 6306801682049

Status : Answered

Chosen Option : 4

Q.5 Who among the following won a silver medal for India in archery at the Asian Games 2023?

Ans ☒ 1. Vennam Aditi Swami

☒ 2. Jyothi Surekha

☒ 3. Abhishek Verma

☒ 4. Ojas Deotale

Question ID : 630680431001

Option 1 ID : 6306801682030

Option 2 ID : 6306801682029

Option 3 ID : 6306801682027

Option 4 ID : 6306801682028

Status : Not Answered

Chosen Option : --

Q.6 Part I of the Indian Constitution is related to which of the following?

Ans ☒ 1. The Union and its Territory

☒ 2. Elections

☒ 3. Citizenship

☒ 4. The Scheduled and Tribal Areas

Question ID : 630680431007

Option 1 ID : 6306801682054

Option 2 ID : 6306801682051

Option 3 ID : 6306801682053

Option 4 ID : 6306801682052

Status : Answered

Chosen Option : 1



Q.7 Which of the following statements is correct regarding the speculative demand for money?

I. Speculative demand for money is inversely related to the rate of interest.

II. Speculations regarding future movements in interest rate and bond prices give rise to the speculative demand for money.

- Ans
- ☒ 1. Only II
 - ☒ 2. Both I and II
 - ☒ 3. Only I
 - ☒ 4. Neither I nor II

Question ID : 630680431005

Option 1 ID : 6306801682044

Option 2 ID : 6306801682045

Option 3 ID : 6306801682043

Option 4 ID : 6306801682046

Status : Answered

Chosen Option : 2

Q.8 The launch of Aditya-L1 was accomplished successfully on _____, 2023.

- Ans
- ☒ 1. August 02
 - ☒ 2. September 23
 - ☒ 3. August 23
 - ☒ 4. September 02

Question ID : 630680431003

Option 1 ID : 6306801682035

Option 2 ID : 6306801682038

Option 3 ID : 6306801682036

Option 4 ID : 6306801682037

Status : Answered

Chosen Option : 2

Q.9 Which of the following statements is correct about Tipu Sultan?

I. He became the ruler of Mysore in 1792.

II. He died defending his capital Seringapatam in 1799.

- Ans
- ☒ 1. Only I
 - ☒ 2. Both I and II
 - ☒ 3. Only II
 - ☒ 4. Neither I nor II

Question ID : 630680431004

Option 1 ID : 6306801682039

Option 2 ID : 6306801682041

Option 3 ID : 6306801682040

Option 4 ID : 6306801682042

Status : Answered

Chosen Option : 2



Q.10 Which of the following statements is correct regarding the 'Project Nilgiri Tahr'?

I. The project was launched in Tamil Nadu in October 2023.

II. The project has an outlay of Rs 25 crore.

- Ans
- ☒ 1. Only II
 - ☒ 2. Only I
 - ☒ 3. Neither I nor II
 - ☒ 4. Both I and II

Question ID : 630680431002
Option 1 ID : 6306801682032
Option 2 ID : 6306801682031
Option 3 ID : 6306801682034
Option 4 ID : 6306801682033
Status : Not Answered
Chosen Option : --

Section : English Language

Q.1 Select the incorrectly spelt word from the given sentence.

As long as that double-standard persists, no algorythm can fix its injustice.

- Ans
- ☒ 1. double
 - ☒ 2. algorythm
 - ☒ 3. injustice
 - ☒ 4. persists

Question ID : 630680431015
Option 1 ID : 6306801682085
Option 2 ID : 6306801682084
Option 3 ID : 6306801682083
Option 4 ID : 6306801682086
Status : Answered
Chosen Option : 2



Q.2 Choose the most appropriate antonym of the underlined word.

The theater scene is usually in the doldrums during the summer.

- Ans
- ☒ 1. apathy
 - ☒ 2. tedium
 - ☒ 3. continuance
 - ☒ 4. stalled

Question ID : 630680431013
Option 1 ID : 6306801682075
Option 2 ID : 6306801682078
Option 3 ID : 6306801682077
Option 4 ID : 6306801682076
Status : Not Answered
Chosen Option : --

Q.3 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To sport one's oak

- Ans
- ☒ 1. To support someone
 - ☒ 2.
 - ☒ 3. To restrain oneself
 - ☒ 4. To arouse someone

Question ID : 630680431012
Option 1 ID : 6306801682071
Option 2 ID : 6306801682072
Option 3 ID : 6306801682074
Option 4 ID : 6306801682073
Status : Answered
Chosen Option : 1

Q.4 Select the most appropriate option for the given blank.

I know your sister _____ than you.

- Ans
- ☒ 1. most
 - ☒ 2. much
 - ☒ 3. best
 - ☒ 4. better

Question ID : 630680431018
Option 1 ID : 6306801682098
Option 2 ID : 6306801682097
Option 3 ID : 6306801682096
Option 4 ID : 6306801682095
Status : Answered
Chosen Option : 4



Q.5 Choose the most appropriate antonym of the underlined word.

She slumbered for hours while the train rolled on.

- Ans
- ✓ 1. awake
 - ✗ 2. drowsy
 - ✗ 3. elated
 - ✗ 4. sickened

Question ID : 630680431014
 Option 1 ID : 6306801682079
 Option 2 ID : 6306801682080
 Option 3 ID : 6306801682081
 Option 4 ID : 6306801682082
 Status : Answered
 Chosen Option : 1

Q.6 Select the most appropriate option for the given blank.

I prefer dance _____ drama.

- Ans
- ✗ 1. than
 - ✓ 2. to
 - ✗ 3. too
 - ✗ 4. of

Question ID : 630680431016
 Option 1 ID : 6306801682087
 Option 2 ID : 6306801682090
 Option 3 ID : 6306801682089
 Option 4 ID : 6306801682088
 Status : Answered
 Chosen Option : 1



Q.7 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. In one experiment, a crow worked out how to solve a complex three-step problem using tools.

Q. The crow was given a short stick hanging on a string, a long stick out of reach in a box, and a piece of food also out of reach in an even deeper box.

R. The crow removed the stick from the string, then used that short stick to reach the longer stick, and then used the longer stick to reach the food in the deeper box.

S. Crows not only use tools, they are also the only non-primate animals to make tools.

- Ans**
- ☒ 1. QSRP
 - ☒ 2. SRQP
 - ☒ 3. RSPQ
 - ☒ 4. PQRS

Question ID : 630680431020

Option 1 ID : 6306801682105

Option 2 ID : 6306801682103

Option 3 ID : 6306801682106

Option 4 ID : 6306801682104

Status : Answered

Chosen Option : 1

Q.8 The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. Elected Chicago mayor for the first of six terms in 1955, he cultivated alliances with organized labor and industry, but drew criticism for the violence that erupted at the 1968 Democratic convention.

Q. Chicago's Richard Daley (1902-1976) was among the most famous big-city mayors of 20th century America.

R. He earned election to the Illinois House of Representatives in 1936, and served as Democratic minority leader in the state senate from 1941 through 1946.

S. Moving into Chicago politics, Daley took over as chair of the Cook County Democratic Central Committee in 1953.

- Ans**
- ☒ 1. PQRS
 - ☒ 2. RSPQ
 - ☒ 3. QRSP
 - ☒ 4. PSRQ

Question ID : 630680431019

Option 1 ID : 6306801682102

Option 2 ID : 6306801682101

Option 3 ID : 6306801682100

Option 4 ID : 6306801682099

Status : Not Answered

Chosen Option : --



Q.9 Select the most appropriate option for the given blank.

She is the _____ baby I have ever seen.

- Ans
- ☒ 1. much calмест
 - ☒ 2. calm
 - ☒ 3. calмест
 - ☒ 4. most calмест

Question ID : 630680431017
Option 1 ID : 6306801682093
Option 2 ID : 6306801682094
Option 3 ID : 6306801682091
Option 4 ID : 6306801682092
Status : Answered
Chosen Option : 2

Q.10 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To break one's neck

- Ans
- ☒ 1. To break one's trust
 - ☒ 2. To sustain an injury
 - ☒ 3. To make a great effort
 - ☒ 4. To break the monotony

Question ID : 630680431011
Option 1 ID : 6306801682070
Option 2 ID : 6306801682069
Option 3 ID : 6306801682068
Option 4 ID : 6306801682067
Status : Answered
Chosen Option : 1

