RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

2nd Stage CBT for ALP & TECHNICIANS (CEN-01/2018)

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	23/01/2019
Test Time:	8:30 AM - 11:00 AM
Subject:	**Part A and Exam Trade : Refrigeration and Air Conditioning Mechanic**

1. Options shown in green color with a tick icon are correct
2. Chosen option on top right of the question indicates the option selected by the candidate
3. The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Section : **Part A**

Q.1 In a steady-flowing river, a boat goes a certain distance upstream at a speed of 12 km/h and comes back the same distance at 24 km/h. Find the average speed for the total journey.

Ans
✗ 1. 15 km/h
✓ 2. 16 km/h
✗ 3. 18 km/h
✗ 4. 20 km/h

Question ID : **54335319457**
Option 1 ID : **54335378087**
Option 2 ID : **54335378084**
Option 3 ID : **54335378085**
Option 4 ID : **54335378086**
Status : **Answered**
Chosen Option : **3**

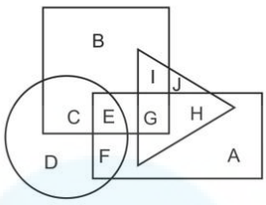
Q.2 Find the missing number in the given series.
–1.3, –0.8, –0.3, ? , 0.7, 1.2

Ans
✗ 1. 0.1
✗ 2. 0.3
✗ 3. 0.4
✓ 4. 0.2

Question ID : **54335319473**
Option 1 ID : **54335378151**
Option 2 ID : **54335378148**
Option 3 ID : **54335378150**
Option 4 ID : **54335378149**
Status : **Answered**
Chosen Option : **4**

Q.3

In the following figure, the triangle represents actors, the square represents professors, the circle represents Indians and the rectangle represents fathers. Which set of letters represents Indians who are either professors or fathers?



Ans
1. IGH
2. CEF
3. E
4. G

Question ID : **54335319480**
Option 1 ID : **54335378177**
Option 2 ID : **54335378179**
Option 3 ID : **54335378176**
Option 4 ID : **54335378178**
Status : **Answered**
Chosen Option : **3**

Q.4 The author of 'The Monk Who Sold His Ferrari' is _____.

Ans
1. Arvind Adiga
2. Robin Sharma
3. Manohar Malgonkar
4. Arundhati Roy

Question ID : **54335319400**
Option 1 ID : **54335377858**
Option 2 ID : **54335377859**
Option 3 ID : **54335377856**
Option 4 ID : **54335377857**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 One statement is given, followed by two assumptions, I & II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given assumptions can definitely be drawn from the given statement.

Statement: "You are appointed as a trainee accountant on temporary basis. Your employment status will automatically be converted to permanent on submission of pass result of M Com final exam." – Extract from an appointment letter.
Assumptions:
I. M Com final exam is a reasonable proof of an accountant's capability.
II. All trainees are appointed on temporary basis.

Ans
1. Both I and II are implicit
2. Only assumption I is implicit
3. Only assumption II is implicit
4. Neither I nor II is implicit

Question ID : **54335319488**
Option 1 ID : **54335378211**
Option 2 ID : **54335378208**
Option 3 ID : **54335378209**
Option 4 ID : **54335378210**
Status : **Answered**
Chosen Option : **2**

Q.6 A trader buys 60 bags of grain at ₹ 400 each. If he sells 18 bags at 8% profit, at what price should he sell the remaining bags to make 16.4% overall profit on selling the 60 bags?

Ans
1. ✔ ₹ 480
2. ✘ ₹ 500
3. ✘ ₹ 540
4. ✘ ₹ 520

Question ID : **54335319460**
Option 1 ID : **54335378099**
Option 2 ID : **54335378096**
Option 3 ID : **54335378098**
Option 4 ID : **54335378097**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.7 An object with greater _____ has greater inertia.

Ans
1. ✘ velocity
2. ✘ acceleration
3. ✘ volume
4. ✔ mass

Question ID : **54335319422**
Option 1 ID : **54335377944**
Option 2 ID : **54335377946**
Option 3 ID : **54335377947**
Option 4 ID : **54335377945**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 What is the diameter (in cm) of a sphere of surface area 1386 cm^2 ?

Ans
1. ✘ 14
2. ✔ 21
3. ✘ 10.5
4. ✘ 24.5

Question ID : **54335319454**
Option 1 ID : **54335378074**
Option 2 ID : **54335378072**
Option 3 ID : **54335378073**
Option 4 ID : **54335378075**
Status : **Answered**
Chosen Option : **4**

Q.9 An arrowhead at the end of a dimension line is approximately _____ long and 1 mm wide.

Ans
1. ✔ 3 mm
2. ✘ 5 mm
3. ✘ 1 mm
4. ✘ 1.5 mm

Question ID : **54335319409**
Option 1 ID : **54335377894**
Option 2 ID : **54335377895**
Option 3 ID : **54335377893**
Option 4 ID : **54335377892**

Status : **Not Answered**
Chosen Option : **--**

Q.10 Select the option that is related to the third word on the same basis as the second word is related to the first word.
Letter : Envelope :: Dagger : ?

Ans
✔ 1. Sheath
✘ 2. Weapon
✘ 3. Sword
✘ 4. Sharp

Question ID : **54335319470**
Option 1 ID : **54335378136**
Option 2 ID : **54335378137**
Option 3 ID : **54335378138**
Option 4 ID : **54335378139**
Status : **Answered**
Chosen Option : **1**

Q.11 Find the work done (in kJ) if a force of 750 N pushes a cart of mass 30 kg by 16 m.

Ans
✘ 1. 24
✔ 2. 12
✘ 3. 36
✘ 4. 48

Question ID : **54335319411**
Option 1 ID : **54335377900**
Option 2 ID : **54335377901**
Option 3 ID : **54335377903**
Option 4 ID : **54335377902**
Status : **Answered**
Chosen Option : **2**

Q.12 Choose the figure which is different from the rest.

Ans
✘ 1.

N	H	Z
C	F	D
A	E	Q

✘ 2.

Z	C	H
F	A	N
Q	D	E

✔ 3.

H	D	N
F	O	Z
C	E	A

✘ 4.

A	C	Q
Z	D	E
N	F	H

Question ID : **54335319484**
Option 1 ID : **54335378195**
Option 2 ID : **54335378193**
Option 3 ID : **54335378194**
Option 4 ID : **54335378192**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.13 In a certain code language, '÷' represents '×', '+' represents '÷', '–' represents '+' and '×' represents '–'. Find out the answer to the following question.

$12 \div 6 - 2 + 10 \times 5 = ?$

Ans
1. 50 ✗
2. 37 ✓
3. 23 ✗
4. 16 ✗

Question ID : **54335319476**
Option 1 ID : **54335378163**
Option 2 ID : **54335378162**
Option 3 ID : **54335378161**
Option 4 ID : **54335378160**
Status : **Answered**
Chosen Option : **2**

Q.14 $20 - 2[25\% \text{ of } (15 \times 8 \div 6 + 12)] =$ _____

Ans
1. 4 ✓
2. 6 ✗
3. 10 ✗
4. 8 ✗

Question ID : **54335319447**
Option 1 ID : **54335378047**
Option 2 ID : **54335378044**
Option 3 ID : **54335378046**
Option 4 ID : **54335378045**
Status : **Answered**
Chosen Option : **1**

Q.15 Which hazardous substance can cause lung cancer?

Ans
1. Benzene vapours ✗
2. Asbestos particles ✓
3. Herbicides ✗
4. Arsenic ✗

Question ID : **54335319413**
Option 1 ID : **54335377908**
Option 2 ID : **54335377909**
Option 3 ID : **54335377911**
Option 4 ID : **54335377910**
Status : **Not Answered**
Chosen Option : **--**

Q.16 210 mm x 297 mm are the dimensions of _____ size paper.

Ans
1. A4 ✓
2. A2 ✗
3. A3 ✗
4. A1 ✗

Question ID : **54335319406**
Option 1 ID : **54335377883**
Option 2 ID : **54335377881**

Option 3 ID : **54335377880**
Option 4 ID : **54335377882**
Status : **Answered**
Chosen Option : **1**

Q.17 Find mass of an iron cube of side 2 cm. (Density of iron is 7.8 gm/cm^3)

Ans
✗ 1. 3.9 gm
✗ 2. 0.975 gm
✗ 3. 15.6 gm
✓ 4. 62.4 gm

Question ID : **54335319410**
Option 1 ID : **54335377898**
Option 2 ID : **54335377896**
Option 3 ID : **54335377899**
Option 4 ID : **54335377897**
Status : **Answered**
Chosen Option : **4**

Q.18 If A, B and C can do a task working alone in 12, 18 and 36 days respectively. They all work together for 2 days, then B quits. How many days A and C working together will take to complete the remainder of the task?

Ans
✓ 1. 6
✗ 2. 3
✗ 3. 4
✗ 4. 9

Question ID : **54335319456**
Option 1 ID : **54335378082**
Option 2 ID : **54335378083**
Option 3 ID : **54335378081**
Option 4 ID : **54335378080**
Status : **Answered**
Chosen Option : **1**

Q.19 Which of the following gases is a highly poisonous, odourless, tasteless and colourless gas?

Ans
✗ 1. Carbon dioxide
✓ 2. Carbon monoxide
✗ 3. Methane
✗ 4. Nitrogen dioxide

Question ID : **54335319442**
Option 1 ID : **54335378024**
Option 2 ID : **54335378027**
Option 3 ID : **54335378025**
Option 4 ID : **54335378026**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Green and yellow vegetables in our diet mostly provide us which element as food?

Ans
✗ 1. Copper
✗ 2. Sodium
✗ 3. Zinc
✓ 4. Potassium

Question ID : **54335319441**
Option 1 ID : **54335378020**
Option 2 ID : **54335378023**
Option 3 ID : **54335378022**
Option 4 ID : **54335378021**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The sentences given in the question, which, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

Outside their window there was a vine with attractive foliage, but it started shedding leaves one by one as summer passed through fall into winter.
A - Came dawn, when Johnsy looked out of the window from her sick bed, lo and behold, the leaf was still there and it continued to be there on the following days.
B - Finally, only one last leaf remained. Johnsy told Sue that when that leaf fell, her life would also go.
C - The girl regained her will to live and was fully recovered in a few days.
D - A concerned elderly artist friend of the girls, hearing this story, climbed outside the window in the bitterly cold night and painted a life-like leaf at the spot from where the last leaf had just fallen.

Ans
✗ 1. BDCA
✓ 2. BDAC
✗ 3. DBCA
✗ 4. DBAC

Question ID : **54335319492**
Option 1 ID : **54335378225**
Option 2 ID : **54335378224**
Option 3 ID : **54335378227**
Option 4 ID : **54335378226**
Status : **Answered**
Chosen Option : **2**

Q.22 Find the specific heat capacity (in $Jg^{-1}K^{-1}$) of a block of metal of mass 500 g, the temperature of which rises by 80 °C when it absorbs 10 kJ of heat?

Ans
✗ 1. 0.4
✗ 2. 0.16
✗ 3. 1.56
✓ 4. 0.25

Question ID : **54335319427**
Option 1 ID : **54335377966**
Option 2 ID : **54335377965**
Option 3 ID : **54335377964**
Option 4 ID : **54335377967**
Status : **Answered**
Chosen Option : **4**

Q.23 If $a - b = 5$ and $ab = 14$, then find $a^2 + b^2$?

Ans
✓ 1. 53
✗ 2. 27
✗ 3. 5
✗ 4. 19

Question ID : **54335319462**
Option 1 ID : **54335378105**
Option 2 ID : **54335378104**
Option 3 ID : **54335378107**

Option 4 ID : **54335378106**
Status : **Answered**
Chosen Option : **1**

Q.24 What is the area (in cm^2) of an equilateral triangle of side 8 cm?

Ans
✗ 1. $32\sqrt{3}$
✗ 2. $8\sqrt{3}$
✗ 3. $64\sqrt{3}$
✓ 4. $16\sqrt{3}$

Question ID : **54335319453**
Option 1 ID : **54335378070**
Option 2 ID : **54335378068**
Option 3 ID : **54335378071**
Option 4 ID : **54335378069**
Status : **Marked For Review**
Chosen Option : **4**

Q.25 _____ is the physiological adjustment by an organism to environmental change.

Ans
✗ 1. Bioremediation
✗ 2. Bioaccumulation
✗ 3. Cogeneration
✓ 4. Acclimation

Question ID : **54335319443**
Option 1 ID : **54335378029**
Option 2 ID : **54335378028**
Option 3 ID : **54335378030**
Option 4 ID : **54335378031**
Status : **Answered**
Chosen Option : **2**

Q.26 Choose the letters which are different from the rest.

Ans
✗ 1. HJL
✗ 2. PRT
✓ 3. VTR
✗ 4. UWY

Question ID : **54335319485**
Option 1 ID : **54335378196**
Option 2 ID : **54335378197**
Option 3 ID : **54335378199**
Option 4 ID : **54335378198**
Status : **Answered**
Chosen Option : **3**

Q.27 Binary 110110101 is equal to decimal _____.

Ans
✗ 1. 333
✓ 2. 437
✗ 3. 349
✗ 4. 477

Question ID : **54335319445**
Option 1 ID : **54335378039**
Option 2 ID : **54335378038**
Option 3 ID : **54335378036**
Option 4 ID : **54335378037**
Status : **Answered**
Chosen Option : **4**

Q.28 A/An _____ is software used to maintain the security of a private network.

Ans
✗ 1. malware
✗ 2. encryption
✓ 3. firewall
✗ 4. clickbait

Question ID : **54335319414**
Option 1 ID : **54335377915**
Option 2 ID : **54335377913**
Option 3 ID : **54335377914**
Option 4 ID : **54335377912**
Status : **Answered**
Chosen Option : **2**

Q.29 Who was the chairman of the Constitution Drafting Committee?

Ans
✗ 1. Jawaharlal Nehru
✓ 2. Dr. B R Ambedkar
✗ 3. Dr. Rajendra Prasad
✗ 4. Sardar Patel

Question ID : **54335319395**
Option 1 ID : **54335377837**
Option 2 ID : **54335377838**
Option 3 ID : **54335377836**
Option 4 ID : **54335377839**
Status : **Answered**
Chosen Option : **2**

Q.30 Two cars, X and Y, travel from A to B at average speeds of 50 km/hr and 75 km/hr respectively. If X takes 2 hours more than Y for the journey, then the distance between A and B in km is _____.

Ans
✗ 1. 600
✗ 2. 400
✗ 3. 800
✓ 4. 300

Question ID : **54335319425**
Option 1 ID : **54335377957**
Option 2 ID : **54335377956**
Option 3 ID : **54335377959**
Option 4 ID : **54335377958**
Status : **Answered**
Chosen Option : **4**

Q.31 The Umaid Bhawan Palace is in which city?

Ans
✗ 1. Jaipur
✓ 2. Jodhpur

✗ 3. Bikaner

✗ 4. Udaipur

Question ID : **54335319402**
Option 1 ID : **54335377865**
Option 2 ID : **54335377867**
Option 3 ID : **54335377866**
Option 4 ID : **54335377864**
Status : **Not Answered**
Chosen Option : **--**

Q.32 A and B start to walk from point P towards point Q. The distance between P and Q is 9 km. B starts 4 minutes after A. A, on reaching Q, immediately returns and after walking a kilometre meets B. If A's speed is a kilometre in 10 minutes, what is B's speed in kilometres per minute?

Ans

✗ 1. 1/15

✗ 2. 1/8

✓ 3. 1/12

✗ 4. 1/6

Question ID : **54335319434**
Option 1 ID : **54335377995**
Option 2 ID : **54335377993**
Option 3 ID : **54335377992**
Option 4 ID : **54335377994**
Status : **Not Answered**
Chosen Option : **--**

Q.33 If A S B means A is the husband of B, A # B means A is the brother of B and A * B means A is the mother of B, then what does P S Q * R # S mean?

Ans

✓ 1. P is the father of S

✗ 2. P is the brother-in-law of S

✗ 3. P is the son of S

✗ 4. P is the brother of S

Question ID : **54335319478**
Option 1 ID : **54335378171**
Option 2 ID : **54335378170**
Option 3 ID : **54335378168**
Option 4 ID : **54335378169**
Status : **Answered**
Chosen Option : **1**

Q.34 What is the angle between the hour hand and the minute hand at half past two?

Ans

✓ 1. 105°

✗ 2. 75°

✗ 3. 120°

✗ 4. 90°

Question ID : **54335319468**
Option 1 ID : **54335378129**
Option 2 ID : **54335378128**
Option 3 ID : **54335378131**
Option 4 ID : **54335378130**
Status : **Answered**
Chosen Option : **1**

Q.35 Classical musician Shivkumar Sharma is associated with which musical instrument?

Ans
1. Shehnai
2. Tabla
3. Violin
4. Santoor

Question ID : **54335319403**
Option 1 ID : **54335377869**
Option 2 ID : **54335377868**
Option 3 ID : **54335377870**
Option 4 ID : **54335377871**
Status : **Not Answered**
Chosen Option : **--**

Q.36 If 36 J of work is done in moving a charge Q across 8 V, find Q (in coulombs).

Ans
1. 288
2. 9
3. 4.5
4. 16

Question ID : **54335319430**
Option 1 ID : **54335377976**
Option 2 ID : **54335377977**
Option 3 ID : **54335377979**
Option 4 ID : **54335377978**
Status : **Answered**
Chosen Option : **3**

Q.37 Pipe A can fill a tank in 6 hours. Pipe B can empty it in 15 hours. If both the pipes are opened together, then the tank will be filled in how many hours?

Ans
1. 9
2. 8
3. 12
4. 10

Question ID : **54335319469**
Option 1 ID : **54335378133**
Option 2 ID : **54335378132**
Option 3 ID : **54335378135**
Option 4 ID : **54335378134**
Status : **Answered**
Chosen Option : **4**

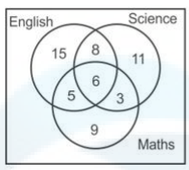
Q.38 If half a litre of hot water at $90^{\circ}C$ is mixed with three and a half litres of cold water at $10^{\circ}C$, find the final equilibrium temperature (in $^{\circ}C$) if no heat is lost.

Ans
1. 20
2. 40
3. 30
4. 50

Question ID : **54335319435**
Option 1 ID : **54335377996**
Option 2 ID : **54335377998**
Option 3 ID : **54335377997**
Option 4 ID : **54335377999**

Status : **Not Answered**
Chosen Option : **--**

Q.39 The given Venn diagram shows the number of students who have passed in the three exams, viz. English, Science and Maths. How many students failed in all the three exams?



U=60

Ans
✔ 1. 3
✘ 2. 12
✘ 3. 9
✘ 4. 6

Question ID : **54335319481**
Option 1 ID : **54335378180**
Option 2 ID : **54335378183**
Option 3 ID : **54335378182**
Option 4 ID : **54335378181**
Status : **Answered**
Chosen Option : **2**

Q.40 One statement is given followed by two conclusions. Decide which of the given conclusions can definitely be drawn from the given statement.

Statement: As income increases, cars become more affordable.

Conclusion I: With greater use of technology, cars are now cheaper than they were a generation ago.
Conclusion II: Cars will become so numerous that no future technology will solve the traffic problem.

Ans
✘ 1. Only conclusion I follows
✘ 2. Both I and II follow
✔ 3. Neither I nor II follows
✘ 4. Only conclusion II follows

Question ID : **54335319494**
Option 1 ID : **54335378232**
Option 2 ID : **54335378235**
Option 3 ID : **54335378234**
Option 4 ID : **54335378233**
Status : **Not Answered**
Chosen Option : **--**

Q.41 Which of the following folk dances is from Assam?

Ans
✘ 1. Giddha
✘ 2. Lezim
✘ 3. Nati
✔ 4. Bagurumba

Question ID : **54335319404**
Option 1 ID : **54335377874**
Option 2 ID : **54335377875**
Option 3 ID : **54335377872**
Option 4 ID : **54335377873**
Status : **Not Answered**
Chosen Option : **--**

Q.42 What is the relative density of a solid of mass 50 gm which when fully immersed in water weighs 10 gm?

Ans
1. 5
2. 1.25
3. 2.5
4. 0.8

Question ID : **54335319433**
Option 1 ID : **54335377989**
Option 2 ID : **54335377988**
Option 3 ID : **54335377991**
Option 4 ID : **54335377990**
Status : **Answered**
Chosen Option : **1**

Q.43 -100° Celsius = _____ Fahrenheit

Ans
1. -373°
2. -148°
3. 173°
4. -212°

Question ID : **54335319439**
Option 1 ID : **54335378015**
Option 2 ID : **54335378012**
Option 3 ID : **54335378014**
Option 4 ID : **54335378013**
Status : **Answered**
Chosen Option : **4**

Q.44 When a number is increased by 36, it becomes 109% of itself. What is the number?

Ans
1. 300
2. 450
3. 360
4. 400

Question ID : **54335319452**
Option 1 ID : **54335378065**
Option 2 ID : **54335378067**
Option 3 ID : **54335378064**
Option 4 ID : **54335378066**
Status : **Answered**
Chosen Option : **4**

Q.45 Two children, weighing 30 kg and 15 kg, sit on one side of a see-saw at a distance of 1 m and 1.2 m respectively, from the fulcrum. A boy of 'M' kg sits on the other side of the see-saw at a distance of 1.2 m from the fulcrum, and the see-saw is in equilibrium. Find M.

Ans
1. 36
2. 45
3. 48
4. 40

Question ID : **54335319416**
Option 1 ID : **54335377921**
Option 2 ID : **54335377923**
Option 3 ID : **54335377920**

Option 4 ID : **54335377922**
Status : **Answered**
Chosen Option : **4**

Q.46 Rearrange the parts of the sentence in correct order.

In terms of reasons that a customer
X - possibility is that they've actually finished changing, but
Y - might not come out of the changing room, one
Z - the clothes are hopelessly unsuitable

Ans
✔ 1. YXZ
✘ 2. ZYX
✘ 3. XZY
✘ 4. ZXY

Question ID : **54335319491**
Option 1 ID : **54335378223**
Option 2 ID : **54335378221**
Option 3 ID : **54335378222**
Option 4 ID : **54335378220**
Status : **Answered**
Chosen Option : **1**

Q.47 If the speed of a car increases from 54 km/hr to 90 km/hr, its kinetic energy would increase in the ratio _____.

Ans
✘ 1. 3/5
✘ 2. 4/9
✘ 3. 9/16
✔ 4. 9/25

Question ID : **54335319424**
Option 1 ID : **54335377952**
Option 2 ID : **54335377953**
Option 3 ID : **54335377954**
Option 4 ID : **54335377955**
Status : **Not Answered**
Chosen Option : **--**

Q.48 Find the length (in cm) of the edge of a cube of a piece of wood which weighs 80 N. (Use g = 10 m/s^2, density of wood = 1 g/cm^3)

Ans
✘ 1. 60
✔ 2. 20
✘ 3. 80
✘ 4. 40

Question ID : **54335319423**
Option 1 ID : **54335377950**
Option 2 ID : **54335377949**
Option 3 ID : **54335377951**
Option 4 ID : **54335377948**
Status : **Not Answered**
Chosen Option : **--**

Q.49 If a shopkeeper sells an item at ₹ 2,700, he makes 8% profit. If he sells the item at ₹ 3,000 what will be the percentage of profit?

Ans
1. 12
2. 20
3. 10
4. 25

Question ID : **54335319459**
Option 1 ID : **54335378092**
Option 2 ID : **54335378095**
Option 3 ID : **54335378094**
Option 4 ID : **54335378093**
Status : **Not Answered**
Chosen Option : **--**

Q.50 A bullet travels 90 m in 0.2 seconds. Find its speed in km/hr.

Ans
1. 162
2. 1,620
3. 1,250
4. 125

Question ID : **54335319438**
Option 1 ID : **54335378009**
Option 2 ID : **54335378010**
Option 3 ID : **54335378011**
Option 4 ID : **54335378008**
Status : **Answered**
Chosen Option : **2**

Q.51 Two resistors of R Ω and 60 Ω are connected in parallel to get an effective resistance of 24 Ω. Find R.

Ans
1. 56
2. 64
3. 48
4. 40

Question ID : **54335319429**
Option 1 ID : **54335377973**
Option 2 ID : **54335377975**
Option 3 ID : **54335377972**
Option 4 ID : **54335377974**
Status : **Answered**
Chosen Option : **4**

Q.52 Antihistamines are found in some first-aid boxes. When should these drugs be taken?

Ans
1. To aid in clotting of blood
2. To ease the symptoms of hay fever and other allergies
3. To ease indigestion and heartburn
4. To bring relief from asthma

Question ID : **54335319436**
Option 1 ID : **54335378000**
Option 2 ID : **54335378001**
Option 3 ID : **54335378003**
Option 4 ID : **54335378002**
Status : **Not Answered**

Chosen Option : --

Q.53 A postman starts from the post office and cycles 13 km south, then turns west and cycles 10 km, then turns north and cycles 8 km, then turns east and cycles 2 km and then turns to his left and cycles 5 km. Where is he now with reference to his starting position?

Ans
1. ✗ 8 km east
2. ✗ 12 km east
3. ✗ 12 km west
4. ✓ 8 km west

Question ID : **54335319487**
Option 1 ID : **54335378205**
Option 2 ID : **54335378207**
Option 3 ID : **54335378206**
Option 4 ID : **54335378204**
Status : **Answered**
Chosen Option : **4**

Q.54 Acceleration due to gravity on moon is 1/6th that on earth. How much would an astronaut weigh on moon if he weighs 90 kgf on earth? (acceleration due to gravity on earth = $10 m/s^2$)

Ans
1. ✗ 15 N
2. ✓ 150 N
3. ✗ 90 N
4. ✗ 9 N

Question ID : **54335319415**
Option 1 ID : **54335377917**
Option 2 ID : **54335377918**
Option 3 ID : **54335377916**
Option 4 ID : **54335377919**
Status : **Answered**
Chosen Option : **4**

Q.55 Find the power (in W) of a pump if it can lift 1 tonne of water by 90 m in 30 minutes. (Assume 100% efficiency and use $g = 10 m/s^2$)

Ans
1. ✗ 50
2. ✗ 250
3. ✗ 25
4. ✓ 500

Question ID : **54335319405**
Option 1 ID : **54335377876**
Option 2 ID : **54335377877**
Option 3 ID : **54335377878**
Option 4 ID : **54335377879**
Status : **Not Answered**
Chosen Option : **--**

Q.56 Here are some words from an artificial language.
unacri means lighthouse
bancri means lightweight
banetu means overweight
Which word would mean 'overdrive'?

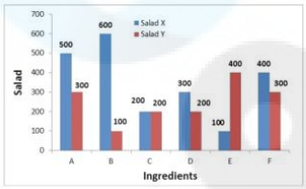
Ans
1. ✗ adiban
2. ✓ adietu

✗ 3. simuna

✗ 4. criteh

Question ID : **54335319475**
Option 1 ID : **54335378157**
Option 2 ID : **54335378158**
Option 3 ID : **54335378156**
Option 4 ID : **54335378159**
Status : **Answered**
Chosen Option : **2**

Q.57 The bar graph shows all the ingredients (in grams) required to make two types of salads, X and Y. If Ingredient B of Salad X is reduced by 100 grams and Ingredient E of salad Y is increased by 25% then salad Y would be lighter than salad X by _____.



Ans

✗ 1. 37.50%

✗ 2. 25%

✓ 3. 20%

✗ 4. 22.50%

Question ID : **54335319490**
Option 1 ID : **54335378217**
Option 2 ID : **54335378216**
Option 3 ID : **54335378218**
Option 4 ID : **54335378219**
Status : **Not Answered**
Chosen Option : **--**

Q.58 At present, the ratio between the ages of Anu and Dimpy is 5 : 8. After 2 years, the ratio of their ages will become 2 : 3. What was Dimpy's age before 2 years?

Ans

✗ 1. 10

✗ 2. 12

✗ 3. 16

✓ 4. 14

Question ID : **54335319467**
Option 1 ID : **54335378126**
Option 2 ID : **54335378127**
Option 3 ID : **54335378125**
Option 4 ID : **54335378124**
Status : **Answered**
Chosen Option : **4**

Q.59 In the question, two statements are given, followed by three conclusions, I, II and III. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement 1: All flags are banners.
Statement 2: Some flags are emblems.

Conclusion I: Some emblems are banners.
Conclusion II: All banners are emblems.
Conclusion III: No emblems are banners.

Ans

✓ 1. Only conclusion I follows

✗ 2. Only conclusion III follows

✗ 3. All conclusions I, II and III follow

✗ 4. Only conclusion I and III follow

Question ID : **54335319483**
Option 1 ID : **54335378188**
Option 2 ID : **54335378189**
Option 3 ID : **54335378191**
Option 4 ID : **54335378190**
Status : **Answered**
Chosen Option : **3**

Q.60 To _____ is to prepare a storage medium, usually a disk, for reading and writing.

Ans

✓ 1. format

✗ 2. defrag

✗ 3. map

✗ 4. boot

Question ID : **54335319444**
Option 1 ID : **54335378035**
Option 2 ID : **54335378033**
Option 3 ID : **54335378034**
Option 4 ID : **54335378032**
Status : **Answered**
Chosen Option : **4**

Q.61 Choose the one which is different from the rest.

Ans

✗ 1. Father

✗ 2. Son

✓ 3. Mother-in-law

✗ 4. Brother

Question ID : **54335319486**
Option 1 ID : **54335378200**
Option 2 ID : **54335378202**
Option 3 ID : **54335378203**
Option 4 ID : **54335378201**
Status : **Answered**
Chosen Option : **3**

Q.62 Which of the following is NOT a base unit?

Ans

✗ 1. mole

✗ 2. ampere

✓ 3. radian

✗ 4. candela

Question ID : **54335319420**
Option 1 ID : **54335377938**
Option 2 ID : **54335377939**
Option 3 ID : **54335377937**
Option 4 ID : **54335377936**
Status : **Answered**
Chosen Option : **3**

Q.63 Who invented the blue jeans?

Ans
1. Levi Strauss ✔
2. Todd Oldham ✘
3. Calvin Klein ✘
4. Gianni Versace ✘

Question ID : **54335319399**
Option 1 ID : **54335377854**
Option 2 ID : **54335377852**
Option 3 ID : **54335377853**
Option 4 ID : **54335377855**
Status : **Not Answered**
Chosen Option : **--**

Q.64 Which of the following is the correct relation between resistance 'R', conductivity 'σ', length 'L' and area of cross section 'A' of a metal wire?

Ans
1. $RL = A\sigma$ ✘
2. $R\sigma A = L$ ✔
3. $RA = L\sigma$ ✘
4. $\sigma = RL/A$ ✘

Question ID : **54335319408**
Option 1 ID : **54335377891**
Option 2 ID : **54335377888**
Option 3 ID : **54335377889**
Option 4 ID : **54335377890**
Status : **Marked For Review**
Chosen Option : **4**

Q.65 Select the option that is related to the third word on the same basis as the second word is related to the first word.
Poem : Stanza :: Book : ?

Ans
1. Language ✘
2. Story ✘
3. Page ✔
4. Printing ✘

Question ID : **54335319471**
Option 1 ID : **54335378143**
Option 2 ID : **54335378140**
Option 3 ID : **54335378142**
Option 4 ID : **54335378141**
Status : **Answered**
Chosen Option : **3**

Q.66 Find the value of $5\ \mathrm{Sin}\Theta - 2\ \mathrm{Cosec}\Theta$, if $\Theta = 30^\circ$.

Ans
1. 3/2 ✘
2. –3/2 ✔
3. 2/3 ✘
4. –2/3 ✘

Question ID : **54335319464**
Option 1 ID : **54335378112**
Option 2 ID : **54335378115**
Option 3 ID : **54335378114**

Option 4 ID : **54335378113**
Status : **Answered**
Chosen Option : **2**

Q.67 In a certain gear train, the driver has 18 teeth while the follower has 8 teeth. For every 16 turns of the driver, the follower turns _____ times.

Ans
✗ 1. 18
✗ 2. 8
✓ 3. 36
✗ 4. 9

Question ID : **54335319412**
Option 1 ID : **54335377906**
Option 2 ID : **54335377905**
Option 3 ID : **54335377904**
Option 4 ID : **54335377907**
Status : **Answered**
Chosen Option : **3**

Q.68 Farad per metre is the unit of _____.

Ans
✗ 1. watt per steradian
✓ 2. permittivity
✗ 3. permeability
✗ 4. electric conductance

Question ID : **54335319421**
Option 1 ID : **54335377943**
Option 2 ID : **54335377941**
Option 3 ID : **54335377942**
Option 4 ID : **54335377940**
Status : **Answered**
Chosen Option : **4**

Q.69 Which of the following is an example of a first class lever?

Ans
✗ 1. Ice tongs
✗ 2. Wheel barrow
✓ 3. A pair of scissors
✗ 4. Nut cracker

Question ID : **54335319440**
Option 1 ID : **54335378019**
Option 2 ID : **54335378016**
Option 3 ID : **54335378017**
Option 4 ID : **54335378018**
Status : **Answered**
Chosen Option : **3**

Q.70 If $5x/2 - 1/4\ (6x - 5/3) = 7/6$, then the value of x is _____.

Ans
✗ 1. 5/4
✓ 2. 3/4
✗ 3. 3/7
✗ 4. 5/7

Question ID : **54335319461**
Option 1 ID : **54335378101**
Option 2 ID : **54335378100**
Option 3 ID : **54335378102**
Option 4 ID : **54335378103**
Status : **Answered**
Chosen Option : **2**

Q.71 Find the highest common factor of 506 and 782.

Ans
✗ 1. 29
✗ 2. 34
✓ 3. 46
✗ 4. 22

Question ID : **54335319450**
Option 1 ID : **54335378059**
Option 2 ID : **54335378058**
Option 3 ID : **54335378057**
Option 4 ID : **54335378056**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.72 An executive earns a salary of ₹ 12,600 every month, and he spends 5/7 of it. If his salary increases by 1/3rd and his spending increases by 1/5th of the present expenditure, what fraction of his salary will he save?

Ans
✗ 1. 7/16
✗ 2. 8/15
✗ 3. 7/15
✓ 4. 5/14

Question ID : **54335319449**
Option 1 ID : **54335378055**
Option 2 ID : **54335378054**
Option 3 ID : **54335378053**
Option 4 ID : **54335378052**
Status : **Not Answered**
Chosen Option : **--**

Q.73 A alone can do a task in 35 days and B alone in 14 days. If they work on it together for 5 days, then what fraction of the task is left?

Ans
✗ 1. Quarter
✗ 2. One-thirds
✓ 3. Half
✗ 4. Three fourths

Question ID : **54335319455**
Option 1 ID : **54335378076**
Option 2 ID : **54335378078**
Option 3 ID : **54335378079**
Option 4 ID : **54335378077**
Status : **Answered**
Chosen Option : **3**

Q.74 If 8 # 12 = 10; 5 # 9 = 7; 6 # 10 = 8, then find the value of 14 # 4.

Ans
✗ 1. 10
✓ 2. 9

3. 5

4. 3

Question ID : **54335319477**
Option 1 ID : **54335378164**
Option 2 ID : **54335378165**
Option 3 ID : **54335378166**
Option 4 ID : **54335378167**
Status : **Answered**
Chosen Option : **2**

Q.75 In the following question, which set of letters and numbers, when sequentially placed at the gaps in the given series, shall complete it?
1_2x_bb_yy_cc_6zzz

Ans

1. a345c

2. 3a45b

3. 3a4b5

4. 3a45c

Question ID : **54335319472**
Option 1 ID : **54335378147**
Option 2 ID : **54335378145**
Option 3 ID : **54335378146**
Option 4 ID : **54335378144**
Status : **Answered**
Chosen Option : **1**

Q.76 Find the specific latent heat of vaporisation of 1.25 g of nitrogen (in Jg^{-1}), if it releases 250 joules of heat when it condenses at its boiling point of 196° C.

Ans

1. 469

2. 500

3. 312.5

4. 200

Question ID : **54335319407**
Option 1 ID : **54335377886**
Option 2 ID : **54335377885**
Option 3 ID : **54335377884**
Option 4 ID : **54335377887**
Status : **Answered**
Chosen Option : **4**

Q.77 A _____ map converts colour intensity or grayscale information to heights to give the appearance that features are raised above the surface, like embossed letters.

Ans

1. shade

2. bump

3. tone

4. tint

Question ID : **54335319419**
Option 1 ID : **54335377932**
Option 2 ID : **54335377934**
Option 3 ID : **54335377935**
Option 4 ID : **54335377933**
Status : **Not Answered**
Chosen Option : **--**

Q.78 A truck of mass 5000 kg accelerates from 25 m/s to 35 m/s. Find the change in its kinetic energy (in MJ).

Ans
1. 1
2. 2.5
3. 1.5
4. 2

Question ID : **54335319437**
Option 1 ID : **54335378004**
Option 2 ID : **54335378007**
Option 3 ID : **54335378006**
Option 4 ID : **54335378005**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.79 Find the potential difference (in V) across a resistance of 2.5 kΩ through which a 2 mA current flows.

Ans
1. 5
2. 0.2
3. 1.25
4. 0.8

Question ID : **54335319431**
Option 1 ID : **54335377983**
Option 2 ID : **54335377982**
Option 3 ID : **54335377980**
Option 4 ID : **54335377981**
Status : **Answered**
Chosen Option : **1**

Q.80 The Living Planet Report, released every two years, is the flagship publication of which organisation?

Ans
1. The Nature Conservancy
2. World Wide Fund for Nature
3. Conservation International
4. Wildlife Conservation Society

Question ID : **54335319396**
Option 1 ID : **54335377840**
Option 2 ID : **54335377842**
Option 3 ID : **54335377843**
Option 4 ID : **54335377841**
Status : **Not Answered**
Chosen Option : **--**

Q.81 In a certain code DIRTY is coded as 24759 and FOAM is coded as 1863. Using the same code ARID will be coded as _____.

Ans
1. 2489
2. 9165
3. 1579
4. 6742

Question ID : **54335319474**
Option 1 ID : **54335378153**
Option 2 ID : **54335378152**
Option 3 ID : **54335378155**
Option 4 ID : **54335378154**

Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.82 The sum of two binary numbers 1101111 and 1100101 is _____.

Ans
✗ 1. 100011100
✗ 2. 100000110
✗ 3. 11110000
✓ 4. 11010100

Question ID : **54335319446**
Option 1 ID : **54335378043**
Option 2 ID : **54335378042**
Option 3 ID : **54335378041**
Option 4 ID : **54335378040**
Status : **Not Answered**
Chosen Option : **--**

Q.83 Which team won the Indian Premier League (IPL) in 2018?

Ans
✗ 1. Hyderabad Sunrisers
✓ 2. Chennai Super Kings
✗ 3. Royal Challengers Bangalore
✗ 4. Kolkata Knight Riders

Question ID : **54335319401**
Option 1 ID : **54335377863**
Option 2 ID : **54335377862**
Option 3 ID : **54335377860**
Option 4 ID : **54335377861**
Status : **Answered**
Chosen Option : **2**

Q.84 Find the heat capacity of a pan of mass 200 g, if its temperature rises by 8° C on receiving 2000 J of heat.

Ans
✓ 1. 250 JK^{-1}
✗ 2. 5 JK^{-1}
✗ 3. 50 $Jkg^{-1}K^{-1}$
✗ 4. 1.25 $Jkg^{-1}K^{-1}$

Question ID : **54335319426**
Option 1 ID : **54335377960**
Option 2 ID : **54335377962**
Option 3 ID : **54335377961**
Option 4 ID : **54335377963**
Status : **Answered**
Chosen Option : **4**

Q.85 If 3A = 6B = 7C; find A : B : C.

Ans
✗ 1. 12 : 7 : 3
✗ 2. 7 : 12 : 6
✓ 3. 14 : 7 : 6
✗ 4. 7 : 3 : 12

Question ID : **54335319451**
Option 1 ID : **54335378063**
Option 2 ID : **54335378060**
Option 3 ID : **54335378061**
Option 4 ID : **54335378062**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.86 $(0.1^2 - 0.025^2) \div (0.1 - 0.025) =$ _____.

Ans
✗ 1. 0.325
✓ 2. 0.125
✗ 3. 0.625
✗ 4. 0.25

Question ID : **54335319448**
Option 1 ID : **54335378051**
Option 2 ID : **54335378049**
Option 3 ID : **54335378050**
Option 4 ID : **54335378048**
Status : **Answered**
Chosen Option : **2**

Q.87 Find the co-ordinates of the midpoint of the segment joining the points (–4,7) and (2,3).

Ans
✓ 1. (–1,5)
✗ 2. (–2,3)
✗ 3. (1,–5)
✗ 4. (2,4)

Question ID : **54335319463**
Option 1 ID : **54335378110**
Option 2 ID : **54335378109**
Option 3 ID : **54335378111**
Option 4 ID : **54335378108**
Status : **Answered**
Chosen Option : **1**

Q.88 The National Skills Development Corporation (NSDC) is a public-private partnership formed under India's _____.

Ans
✓ 1. Ministry of Finance
✗ 2. Ministry of Electronics & Information Technology
✗ 3. Ministry of Corporate Affairs
✗ 4. Ministry of Science & Technology

Question ID : **54335319397**
Option 1 ID : **54335377844**
Option 2 ID : **54335377845**
Option 3 ID : **54335377847**
Option 4 ID : **54335377846**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.89 The resistance of a metal rod depends on all of the following, EXCEPT _____.

Ans
✗ 1. resistivity

✔ 2. density

✘ 3. length

✘ 4. temperature

Question ID : **54335319428**
Option 1 ID : **54335377971**
Option 2 ID : **54335377970**
Option 3 ID : **54335377969**
Option 4 ID : **54335377968**
Status : **Answered**
Chosen Option : **1**

Q.90 If the amount received at the end of 1st and 2nd year at compound interest on a certain principal is ₹ 1,350 and ₹ 1,458 respectively, what is the rate of interest?

Ans

✘ 1. 10%

✘ 2. 15%

✘ 3. 12%

✔ 4. 8%

Question ID : **54335319458**
Option 1 ID : **54335378088**
Option 2 ID : **54335378091**
Option 3 ID : **54335378089**
Option 4 ID : **54335378090**
Status : **Not Answered**
Chosen Option : **--**

Q.91 Find the efficiency of a pulley system which has a mechanical advantage of 2.5 and where the load lifts by 2.5 meters on pulling the rope by 10 m.

Ans

✔ 1. 62.50%

✘ 2. 25.00%

✘ 3. 40.00%

✘ 4. 100.00%

Question ID : **54335319432**
Option 1 ID : **54335377987**
Option 2 ID : **54335377985**
Option 3 ID : **54335377986**
Option 4 ID : **54335377984**
Status : **Answered**
Chosen Option : **1**

Q.92 _____ is when we cover a surface with a pattern of flat shapes so that there are no overlaps or gaps.

Ans

✔ 1. Tessellation

✘ 2. Tracking

✘ 3. Gradient

✘ 4. Kerning

Question ID : **54335319417**
Option 1 ID : **54335377926**
Option 2 ID : **54335377925**
Option 3 ID : **54335377927**
Option 4 ID : **54335377924**
Status : **Not Answered**
Chosen Option : **--**

Q.93 Find x if the mean of the numbers 10, 4, 1, 15, 15, x, 12 and 14 is 10.

Ans
1. 7 ✗
2. 8 ✗
3. 9 ✓
4. 10 ✗

Question ID : **54335319465**
Option 1 ID : **54335378118**
Option 2 ID : **54335378116**
Option 3 ID : **54335378119**
Option 4 ID : **54335378117**
Status : **Answered**
Chosen Option : **3**

Q.94 In the question, two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement 1: Some wagons are buggies.
Statement 2: All wagons are carts.

Conclusion I: All buggies are carts.
Conclusion II: Some carts are buggies.

Ans
1. Only conclusion I follows ✗
2. Both I and II follow ✗
3. Neither I nor II follows ✗
4. Only conclusion II follows ✓

Question ID : **54335319482**
Option 1 ID : **54335378184**
Option 2 ID : **54335378186**
Option 3 ID : **54335378187**
Option 4 ID : **54335378185**
Status : **Answered**
Chosen Option : **2**

Q.95 If $\sqrt{X} + 0.24 = \sqrt{0.1296}$, then find X.

Ans
1. 0.0144 ✓
2. 0.12 ✗
3. 1.44 ✗
4. 0.0012 ✗

Question ID : **54335319466**
Option 1 ID : **54335378123**
Option 2 ID : **54335378121**
Option 3 ID : **54335378120**
Option 4 ID : **54335378122**
Status : **Answered**
Chosen Option : **1**

Q.96 Which of the following recipients of the Dadasaheb Phalke Award received it posthumously?

Ans
1. Vinod Khanna ✓
2. Satyajit Ray ✗
3. Naushad ✗

✗ 4. Durga Khote

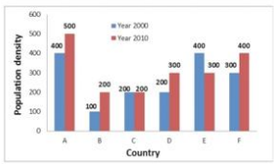
Question ID : **54335319398**
Option 1 ID : **54335377850**
Option 2 ID : **54335377851**
Option 3 ID : **54335377848**
Option 4 ID : **54335377849**
Status : **Answered**
Chosen Option : **1**

Q.97 A said to B, "You are my husband's daughter-in-law's son." How is B related to A?

Ans
✗ 1. B is the father of A
✓ 2. B is the grandson of A
✗ 3. B is the brother of A
✗ 4. B is the son of A

Question ID : **54335319479**
Option 1 ID : **54335378174**
Option 2 ID : **54335378172**
Option 3 ID : **54335378175**
Option 4 ID : **54335378173**
Status : **Answered**
Chosen Option : **2**

Q.98 The bar graph shows the population density of 6 countries for the years 2000 and 2010. By how much is area of Country B greater than area of Country D, if population of Country B in 2000 was 10 million and population of Country D in 2010 was 6 million. Population density is measured here as number of people per 100 sq. km.



Ans
✗ 1. 500%
✗ 2. 20%
✓ 3. 400%
✗ 4. 25%

Question ID : **54335319489**
Option 1 ID : **54335378213**
Option 2 ID : **54335378214**
Option 3 ID : **54335378212**
Option 4 ID : **54335378215**
Status : **Not Answered**
Chosen Option : **--**

Q.99 _____ curves employ at least three points to define a curve. The two endpoints of the curve are called anchor points. The other points, which define the shape of the curve, are called handles, tangent points, or nodes.

Ans
✗ 1. Bicorn
✓ 2. Bezier
✗ 3. Deltoid
✗ 4. Kappa

Question ID : **54335319418**
Option 1 ID : **54335377928**
Option 2 ID : **54335377931**
Option 3 ID : **54335377929**

Option 4 ID : **54335377930**
Status : **Not Answered**
Chosen Option : **--**

Q.100 The weights of 3 boxes are 4, 7 and 10 kilograms. Which of the following CANNOT be the total weight, in kilograms, of any combination of these boxes?

Ans
✗ 1. 14
✗ 2. 21
✗ 3. 17
✓ 4. 18

Question ID : **54335319493**
Option 1 ID : **54335378228**
Option 2 ID : **54335378231**
Option 3 ID : **54335378230**
Option 4 ID : **54335378229**
Status : **Not Answered**
Chosen Option : **--**

Section : **Refrigeration and Air Conditioning Mechanic**

Q.1 Capillary tube is the expansion valve used in refrigeration and Air Conditioning units _____

Ans
✗ 1. With more than 10 ton cooling capacity
✓ 2. With less than 3 ton cooling capacity
✗ 3. With more than 3 ton cooling capacity
✗ 4. With less than 10 ton cooling capacity

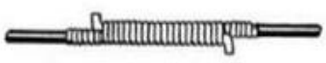
Question ID : **54335319529**
Option 1 ID : **54335378373**
Option 2 ID : **54335378374**
Option 3 ID : **54335378372**
Option 4 ID : **54335378375**
Status : **Not Answered**
Chosen Option : **--**

Q.2 After AC installation, how should one check for the performance?

Ans
✗ 1. Run unit for a minimum of 05 - 10 minutes
✗ 2. Run unit for a minimum of 10 - 15 minutes
✗ 3. Run unit for a minimum of 0 - 05 minutes
✓ 4. Run unit for a minimum of 20 - 25 minutes

Question ID : **54335319548**
Option 1 ID : **54335378449**
Option 2 ID : **54335378450**
Option 3 ID : **54335378451**
Option 4 ID : **54335378448**
Status : **Answered**
Chosen Option : **2**

Q.3



What is the name of this electrical wire joint?

Ans
1. "T" Joint
2. Britannia joint
3. Western union joint
4. Straight joint

Question ID : **54335319506**
Option 1 ID : **54335378283**
Option 2 ID : **54335378282**
Option 3 ID : **54335378281**
Option 4 ID : **54335378280**
Status : **Answered**
Chosen Option : **2**

Q.4 Convert 2-Ton refrigeration to horsepower (metric).

Ans
1. 9.56
2. 7.46
3. 8.97
4. 6.47

Question ID : **54335319520**
Option 1 ID : **54335378337**
Option 2 ID : **54335378338**
Option 3 ID : **54335378336**
Option 4 ID : **54335378339**
Status : **Answered**
Chosen Option : **2**

Q.5 Improper flaring is directly related with _____

Ans
1. Leakage of refrigerant
2. Saving money
3. Appearance
4. Longevity of equipment

Question ID : **54335319544**
Option 1 ID : **54335378432**
Option 2 ID : **54335378433**
Option 3 ID : **54335378434**
Option 4 ID : **54335378435**
Status : **Not Answered**
Chosen Option : **--**

Q.6 In a multi split AC system _____

Ans
1. You can set different temperatures for different rooms
2. Temperature controls are installed in each room
3. You cannot set different temperatures for different rooms
4. You cannot control temperature by single temperature controller

Question ID : **54335319543**
Option 1 ID : **54335378430**
Option 2 ID : **54335378431**

Option 3 ID : **54335378428**
Option 4 ID : **54335378429**
Status : **Answered**
Chosen Option : **2**

Q.7 What is the purpose of Taper reamer?

Ans
1. ✗ To finish parallel hole
2. ✓ To finish taper hole
3. ✗ To finish irregular hole
4. ✗ To finish square hole

Question ID : **54335319500**
Option 1 ID : **54335378256**
Option 2 ID : **54335378259**
Option 3 ID : **54335378257**
Option 4 ID : **54335378258**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which type of file is suitable to file right angle finish corner?

Ans
1. ✗ Round file
2. ✗ Square file
3. ✓ Safe edge file
4. ✗ Triangular file

Question ID : **54335319495**
Option 1 ID : **54335378238**
Option 2 ID : **54335378236**
Option 3 ID : **54335378239**
Option 4 ID : **54335378237**
Status : **Answered**
Chosen Option : **2**

Q.9 How the OLP is connected with Refrigeration circuit of a refrigerator?

Ans
1. ✗ Parallel with Running & Starting
2. ✓ Series with Common winding
3. ✗ Series with Running winding
4. ✗ Series with Starting winding

Question ID : **54335319539**
Option 1 ID : **54335378412**
Option 2 ID : **54335378415**
Option 3 ID : **54335378413**
Option 4 ID : **54335378414**
Status : **Not Answered**
Chosen Option : **--**

Q.10 When retrofitting a CFC-12 system to an HFC-134a system, Which two items must be installed or replaced?

Ans
1. ✗ Fitting adaptors and the drier
2. ✗ Compressor and O-rings
3. ✗ Label and the condenser

✔ 4. Fitting adaptors and a label

Question ID : **54335319546**
Option 1 ID : **54335378442**
Option 2 ID : **54335378440**
Option 3 ID : **54335378443**
Option 4 ID : **54335378441**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which rays are produced during welding?

Ans
✘ 1. X-rays
✘ 2. Gamma rays
✔ 3. Ultraviolet rays
✘ 4. Microwaves rays

Question ID : **54335319515**
Option 1 ID : **54335378316**
Option 2 ID : **54335378319**
Option 3 ID : **54335378317**
Option 4 ID : **54335378318**
Status : **Answered**
Chosen Option : **2**

Q.12 A spring bender is used for _____

Ans
✔ 1. bending the copper tube
✘ 2. swaging the copper tube
✘ 3. flaring the copper tube
✘ 4. straightening the copper tube

Question ID : **54335319557**
Option 1 ID : **54335378487**
Option 2 ID : **54335378485**
Option 3 ID : **54335378486**
Option 4 ID : **54335378484**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which type of relay is used with window type air conditioner?

Ans
✘ 1. Potential relay
✘ 2. PTCR
✘ 3. PTC
✔ 4. Electromagnetic relay

Question ID : **54335319552**
Option 1 ID : **54335378466**
Option 2 ID : **54335378464**
Option 3 ID : **54335378465**
Option 4 ID : **54335378467**
Status : **Not Answered**
Chosen Option : **--**

Q.1

4 Which is not the type of air conditioner compressor?

Ans
✗ 1. Scroll
✗ 2. Rotary
✗ 3. Centrifugal
✓ 4. Absorption

Question ID : **54335319516**
Option 1 ID : **54335378320**
Option 2 ID : **54335378321**
Option 3 ID : **54335378322**
Option 4 ID : **54335378323**
Status : **Answered**
Chosen Option : **4**

Q.15 Which is NOT the cause of weak airflow in CAR AC?

Ans
✗ 1.
Mold or mildew may have accumulated in the evaporator core from residual moisture.
✓ 2. Low air velocity outside car.
✗ 3. Ventilation fan is not blowing air.
✗ 4.
The blower hose that supplies air to the blower unit has come loose.

Question ID : **54335319545**
Option 1 ID : **54335378437**
Option 2 ID : **54335378436**
Option 3 ID : **54335378439**
Option 4 ID : **54335378438**
Status : **Answered**
Chosen Option : **2**

Q.16 What is the use of a tap?

Ans
✗ 1. Cleaning external thread
✗ 2. Forming external thread
✓ 3. Forming internal thread
✗ 4. Forming thread on nipple

Question ID : **54335319498**
Option 1 ID : **54335378250**
Option 2 ID : **54335378248**
Option 3 ID : **54335378249**
Option 4 ID : **54335378251**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The domestic refrigerator uses following type of compressor.

Ans
✓ 1. Piston type reciprocating
✗ 2. Axial
✗ 3. Centrifugal
✗ 4. Miniature sealed unit

Question ID : **54335319554**
Option 1 ID : **54335378472**
Option 2 ID : **54335378473**
Option 3 ID : **54335378474**
Option 4 ID : **54335378475**
Status : **Answered**
Chosen Option : **3**

Q.18 What will be the value of 18SWG in millimeters?

Ans
✗ 1. 1.34 mm
✗ 2. 1.14 mm
✗ 3. 1.44 mm
✓ 4. 1.24 mm

Question ID : **54335319503**
Option 1 ID : **54335378268**
Option 2 ID : **54335378270**
Option 3 ID : **54335378271**
Option 4 ID : **54335378269**
Status : **Not Answered**
Chosen Option : **--**

Q.19 What is the colour of Argon cylinder?

Ans
✗ 1. Maroon
✗ 2. Yellow shoulder
✓ 3. Dark green shoulder
✗ 4. Grey shoulder

Question ID : **54335319517**
Option 1 ID : **54335378324**
Option 2 ID : **54335378327**
Option 3 ID : **54335378326**
Option 4 ID : **54335378325**
Status : **Not Answered**
Chosen Option : **--**

Q.20 What is the outcome of having a straight copper pipe fitting in refrigeration cycle?

Ans
✗ 1. Pressure will increase
✓ 2. Pressure will NOT drop
✗ 3. Pressure keeps fluctuating
✗ 4. Pressure will decrease

Question ID : **54335319533**
Option 1 ID : **54335378389**
Option 2 ID : **54335378391**
Option 3 ID : **54335378388**
Option 4 ID : **54335378390**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Which type of expansion device is used for MAC?

Ans
✗ 1. Orifice expansion valve
✗ 2. Automatic expansion valve

✔ 3. Thermal expansion valve

✘ 4. Capillary tube type

Question ID : **54335319524**
Option 1 ID : **54335378355**
Option 2 ID : **54335378354**
Option 3 ID : **54335378352**
Option 4 ID : **54335378353**
Status : **Not Answered**
Chosen Option : **--**

Q.22 What is the use of Thermo-Volume Switch?

Ans

✘ 1. Engaging / disengaging magnetic clutch

✘ 2. Controlling fan speed

✔ 3. Setting cooling range for thermostat

✘ 4. Controlling air flow

Question ID : **54335319563**
Option 1 ID : **54335378509**
Option 2 ID : **54335378508**
Option 3 ID : **54335378510**
Option 4 ID : **54335378511**
Status : **Answered**
Chosen Option : **3**

Q.23 Which is NOT a Common Car Air Conditioning System Problem?

Ans

✘ 1. Moisture deposition

✘ 2. Soiled or clogged Condenser

✘ 3. Pungent Odors

✔ 4. Engine backfiring

Question ID : **54335319547**
Option 1 ID : **54335378445**
Option 2 ID : **54335378444**
Option 3 ID : **54335378447**
Option 4 ID : **54335378446**
Status : **Answered**
Chosen Option : **4**

Q.24 What will be the temperature of single door refrigerator's freezer box?

Ans

✘ 1. $-10^{\circ}C$

✔ 2. $-18^{\circ}C$

✘ 3. $-12^{\circ}C$

✘ 4. $-11^{\circ}C$

Question ID : **54335319528**
Option 1 ID : **54335378371**
Option 2 ID : **54335378370**
Option 3 ID : **54335378369**
Option 4 ID : **54335378368**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which type of snip is suitable to cut curved surfaces?

Ans
✔ 1. Bent snip
✘ 2. Scissor type snip
✘ 3. Aviation snip
✘ 4. Straight snip

Question ID : **54335319504**
Option 1 ID : **54335378274**
Option 2 ID : **54335378275**
Option 3 ID : **54335378273**
Option 4 ID : **54335378272**
Status : **Not Answered**
Chosen Option : **--**

Q.26 Freon group of refrigerant are _____

Ans
✘ 1. Nontoxic and non-inflammable
✘ 2. Toxic and non-inflammable
✔ 3. Toxic and inflammable
✘ 4. Nontoxic and inflammable

Question ID : **54335319569**
Option 1 ID : **54335378535**
Option 2 ID : **54335378534**
Option 3 ID : **54335378532**
Option 4 ID : **54335378533**
Status : **Answered**
Chosen Option : **1**

Q.27 Which lubricants are used with HFC and their blends?

Ans
✘ 1. Mixture of synthetic and mineral oils
✘ 2. Mineral oil
✔ 3. Synthetic oil
✘ 4. Coconut oil

Question ID : **54335319551**
Option 1 ID : **54335378463**
Option 2 ID : **54335378461**
Option 3 ID : **54335378462**
Option 4 ID : **54335378460**
Status : **Not Answered**
Chosen Option : **--**

Q.28 In window type air conditioner, thermostat is fixed between _____.

Ans
✔ 1. Selector switch and OLP
✘ 2. Relay and OLP
✘ 3. Running winding and Condenser fan
✘ 4. Relay and Winding

Question ID : **54335319553**
Option 1 ID : **54335378470**

Option 2 ID : **54335378468**
Option 3 ID : **54335378471**
Option 4 ID : **54335378469**
Status : **Not Answered**
Chosen Option : **--**

Q.29 Where is a Cassette A/C indoor unit installed?

Ans
✗ 1. Near a window of the room
✗ 2. Floor of the room
✗ 3. Wall of the room
✓ 4. Roof of the room

Question ID : **54335319559**
Option 1 ID : **54335378495**
Option 2 ID : **54335378493**
Option 3 ID : **54335378492**
Option 4 ID : **54335378494**
Status : **Answered**
Chosen Option : **1**

Q.30 Direct On Line starter used with motor is _____.

Ans
✗ 1. 11 - 50 HP
✗ 2. Above 70 HP
✓ 3. 51 - 69 HP
✗ 4. 0 - 10 HP

Question ID : **54335319501**
Option 1 ID : **54335378261**
Option 2 ID : **54335378263**
Option 3 ID : **54335378262**
Option 4 ID : **54335378260**
Status : **Not Answered**
Chosen Option : **--**

Q.31 Which refrigerant is newly introduced to replace R - 22?

Ans
✗ 1. R - 510D
✗ 2. R - 507C
✓ 3. R - 410A
✗ 4. R - 410C

Question ID : **54335319550**
Option 1 ID : **54335378457**
Option 2 ID : **54335378459**
Option 3 ID : **54335378456**
Option 4 ID : **54335378458**
Status : **Not Answered**
Chosen Option : **--**

Q.32

Which type of welding is indicated with this symbol?

Ans
✓ 1. Fillet

2. Spot

3. Plug or slot

4. Seam

Question ID : **54335319519**
Option 1 ID : **54335378333**
Option 2 ID : **54335378335**
Option 3 ID : **54335378332**
Option 4 ID : **54335378334**
Status : **Not Answered**
Chosen Option : **--**

Q.33 What is the relation between voltage and ampere?

Ans
1. $V = I + R$

2. $V = I$

3. $V = IR$

4. $V = \frac{I}{R}$

Question ID : **54335319509**
Option 1 ID : **54335378292**
Option 2 ID : **54335378295**
Option 3 ID : **54335378294**
Option 4 ID : **54335378293**
Status : **Answered**
Chosen Option : **3**

Q.34 Gas welding is also known as:

Ans
1. Fuel welding

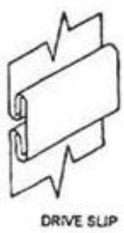
2. Oxy fuel gas welding

3. Arc welding

4. Metallic welding

Question ID : **54335319510**
Option 1 ID : **54335378296**
Option 2 ID : **54335378299**
Option 3 ID : **54335378297**
Option 4 ID : **54335378298**
Status : **Answered**
Chosen Option : **3**

Q.35



Drive slip is used to construct a _____.

Ans
1. Tray

2. Funnel

3. Duct
4. Bucket

Question ID : **54335319499**
Option 1 ID : **54335378252**
Option 2 ID : **54335378253**
Option 3 ID : **54335378254**
Option 4 ID : **54335378255**
Status : **Answered**
Chosen Option : **3**

Q.36 In an Air conditioning system, the vacuum pump is required to create a vacuum state of _____.

Ans
1. 1,200 microns
2. 500 microns
3. 4,500 microns
4. 1,500 microns

Question ID : **54335319531**
Option 1 ID : **54335378382**
Option 2 ID : **54335378380**
Option 3 ID : **54335378383**
Option 4 ID : **54335378381**
Status : **Not Answered**
Chosen Option : **--**

Q.37 How is the condensed water drained from a cassette unit?

Ans
1. Siphon method
2. Condensation method
3. Gravitational method
4. Pumping method

Question ID : **54335319560**
Option 1 ID : **54335378496**
Option 2 ID : **54335378498**
Option 3 ID : **54335378499**
Option 4 ID : **54335378497**
Status : **Answered**
Chosen Option : **4**

Q.38 A cooling tower reduces water temperature close to:

Ans
1. Saturation temperature
2. Wet bulb temperature
3. Dew point temperature
4. Dry bulb temperature

Question ID : **54335319558**
Option 1 ID : **54335378491**
Option 2 ID : **54335378488**
Option 3 ID : **54335378490**
Option 4 ID : **54335378489**
Status : **Answered**
Chosen Option : **3**

Q.39 The moisture in refrigerant is removed by _____

Ans
✗ 1. Evaporator
✗ 2. Dehumidifier
✗ 3. Expansion valve
✓ 4. Drier

Question ID : **54335319549**
Option 1 ID : **54335378452**
Option 2 ID : **54335378455**
Option 3 ID : **54335378453**
Option 4 ID : **54335378454**
Status : **Answered**
Chosen Option : **2**

Q.40 Aqua ammonia is used as refrigerant in following type of refrigeration system.

Ans
✓ 1. Absorption
✗ 2. Indirect
✗ 3. Direct
✗ 4. Compression

Question ID : **54335319568**
Option 1 ID : **54335378530**
Option 2 ID : **54335378529**
Option 3 ID : **54335378528**
Option 4 ID : **54335378531**
Status : **Answered**
Chosen Option : **1**

Q.41 What type of condenser is used in chest type deep freezer?

Ans
✓ 1. Forced, air cooled
✗ 2. Water cooled
✗ 3. Natural convention type
✗ 4. Air and water cooled

Question ID : **54335319541**
Option 1 ID : **54335378421**
Option 2 ID : **54335378422**
Option 3 ID : **54335378420**
Option 4 ID : **54335378423**
Status : **Not Answered**
Chosen Option : **--**

Q.42 An expansion valve is fitted in the refrigeration unit.

Ans
✗ 1. After the evaporator
✗ 2. Before the condenser
✓ 3. Before the evaporator
✗ 4. Before the compressor

Question ID : **54335319530**
Option 1 ID : **54335378379**
Option 2 ID : **54335378377**

Option 3 ID : **54335378378**
Option 4 ID : **54335378376**
Status : **Answered**
Chosen Option : **3**

Q.43 Heat transfer is faster in _____.

Ans
✔ 1. Radiation
✘ 2. Convection
✘ 3. Conduction
✘ 4. Isolation

Question ID : **54335319526**
Option 1 ID : **54335378363**
Option 2 ID : **54335378361**
Option 3 ID : **54335378360**
Option 4 ID : **54335378362**
Status : **Answered**
Chosen Option : **3**

Q.44 Condenser in a refrigeration system decreases

Ans
✘ 1. Volume only
✘ 2. Pressure only
✔ 3. Temperature and pressure
✘ 4. Temperature only

Question ID : **54335319565**
Option 1 ID : **54335378519**
Option 2 ID : **54335378518**
Option 3 ID : **54335378517**
Option 4 ID : **54335378516**
Status : **Answered**
Chosen Option : **2**

Q.45 In a split AC _____

Ans
✔ 1.
Compressor and condenser are part of an external unit while the evaporative coil is part of the indoor Air Handling Unit

✘ 2.
Compressor and condenser are part of an Internal unit while the evaporative coil is part of the outdoor Air Handling Unit

✘ 3.
A single unit contains compressors, motors, connecting pipes and heat exchangers

✘ 4. Compressor in the AC installed on the unit itself

Question ID : **54335319537**
Option 1 ID : **54335378405**
Option 2 ID : **54335378407**
Option 3 ID : **54335378406**
Option 4 ID : **54335378404**
Status : **Not Answered**
Chosen Option : **--**

Q.46 What is the low-pressure switch range?

Ans
✘ 1. Cut On 4.1 + 0.3 Kg/ cm^2, Off 7.0 + 0.2 Kg/ cm^2

2. Cut On 2.1 + 0.3 Kg/cm^2, Off 2.0 + 0.2 Kg/ cm^2

3. Cut out : On 36 + 3.0, Kg/ cm^2, Off 30 + 2.0 Kg/ cm^2

4. Cut out : On 26 + 3.0, Kg/ cm^2, Off 32 + 2.0 Kg/ cm^2

Question ID : **54335319564**
Option 1 ID : **54335378515**
Option 2 ID : **54335378512**
Option 3 ID : **54335378514**
Option 4 ID : **54335378513**
Status : **Not Answered**
Chosen Option : **--**

Q.47 Which of the following refrigerant is replaced in retrofitting?

Ans
1. CFC-11
2. R-401A
3. HFC-134a
4. HCFC-22

Question ID : **54335319536**
Option 1 ID : **54335378402**
Option 2 ID : **54335378401**
Option 3 ID : **54335378400**
Option 4 ID : **54335378403**
Status : **Answered**
Chosen Option : **3**

Q.48 Most of the chances of leakage in a split air conditioner are from _____

Ans
1. Compressor outer case joint
2. Swage joint
3. Processing tube joint
4. Flare joint

Question ID : **54335319561**
Option 1 ID : **54335378501**
Option 2 ID : **54335378502**
Option 3 ID : **54335378500**
Option 4 ID : **54335378503**
Status : **Not Answered**
Chosen Option : **--**

Q.49 Which is the best way of checking leak of split A/C condenser installed unit?

Ans
1. With electronic leak detector
2. Dipping in water tub
3. Hearing hissing sound
4. Smelling

Question ID : **54335319555**
Option 1 ID : **54335378479**
Option 2 ID : **54335378477**
Option 3 ID : **54335378478**
Option 4 ID : **54335378476**
Status : **Not Answered**

Chosen Option : --

Q.50 Domestic refrigerators working on vapor compression cycle uses following type of expansion device.

Ans
1. Expansion valve
2. Thermostatic valve
3. Capillary tube
4. Electrically operated throttling valve

Question ID : **54335319567**
Option 1 ID : **54335378525**
Option 2 ID : **54335378526**
Option 3 ID : **54335378527**
Option 4 ID : **54335378524**
Status : **Answered**
Chosen Option : **4**

Q.51 What type of relay fits with DOL starter?

Ans
1. Mechanical relay
2. Electronic relay
3. Magnetic relay
4. Electromagnetic relay

Question ID : **54335319511**
Option 1 ID : **54335378301**
Option 2 ID : **54335378303**
Option 3 ID : **54335378302**
Option 4 ID : **54335378300**
Status : **Not Answered**
Chosen Option : --

Q.52 De-scaling of condenser is the process of _____ cleaning.

Ans
1. Oil
2. Chemical
3. Water
4. OFDN

Question ID : **54335319540**
Option 1 ID : **54335378419**
Option 2 ID : **54335378417**
Option 3 ID : **54335378416**
Option 4 ID : **54335378418**
Status : **Answered**
Chosen Option : **1**

Q.53 The location of the expansion device in a refrigeration cycle is between the _____ and _____.

Ans
1. Receiver ; Evaporator
2. Condenser ; Receiver
3. Evaporator ; Compressor
4. Compressor ; Condenser

Question ID : **54335319502**
Option 1 ID : **54335378266**
Option 2 ID : **54335378264**
Option 3 ID : **54335378265**
Option 4 ID : **54335378267**
Status : **Answered**
Chosen Option : **2**

Q.54 Which procedure of charging is recommended for better performance of an air conditioning system?

Ans

✗ 1. Feeling method
✗ 2. Pressure method
✗ 3. Charge still method
✓ 4. Weighing method

Question ID : **54335319532**
Option 1 ID : **54335378384**
Option 2 ID : **54335378387**
Option 3 ID : **54335378386**
Option 4 ID : **54335378385**
Status : **Not Answered**
Chosen Option : **--**

Q.55 Thermal resistance of an ideal conductor would be _____.

Ans

✗ 1. one
✗ 2. hundred
✓ 3. zero
✗ 4. ten

Question ID : **54335319527**
Option 1 ID : **54335378365**
Option 2 ID : **54335378367**
Option 3 ID : **54335378364**
Option 4 ID : **54335378366**
Status : **Answered**
Chosen Option : **1**

Q.56 Due to the absorption of heat by evaporator, the refrigerant converts into _____.

Ans

✓ 1. saturated vapour
✗ 2. liquid
✗ 3. sub cooled liquid
✗ 4. saturated liquid

Question ID : **54335319523**
Option 1 ID : **54335378351**
Option 2 ID : **54335378348**
Option 3 ID : **54335378349**
Option 4 ID : **54335378350**
Status : **Answered**
Chosen Option : **1**

Q.57 Which is NOT the type of leak test for an air conditioner?

Ans

✗ 1. Dye testing for refrigerant leak

✗ 2. Nitrogen leak detector test and bubble test

✓ 3. Magnetic leak detector test

✗ 4. Electronic leak detector test

Question ID : **54335319538**
Option 1 ID : **54335378410**
Option 2 ID : **54335378409**
Option 3 ID : **54335378411**
Option 4 ID : **54335378408**
Status : **Not Answered**
Chosen Option : **--**

Q.58 Which type of compressor is used for domestic air conditioner?

Ans

✓ 1. Hermetically sealed

✗ 2. Belt drive compressor

✗ 3. Semi sealed

✗ 4. Open type

Question ID : **54335319521**
Option 1 ID : **54335378342**
Option 2 ID : **54335378343**
Option 3 ID : **54335378341**
Option 4 ID : **54335378340**
Status : **Answered**
Chosen Option : **1**

Q.59 What is the value of one calorie?

Ans

✗ 1. 1.32 Joule

✓ 2. 4.2 Joule

✗ 3. 3.2 Joule

✗ 4. 2.34 Joule

Question ID : **54335319525**
Option 1 ID : **54335378356**
Option 2 ID : **54335378359**
Option 3 ID : **54335378358**
Option 4 ID : **54335378357**
Status : **Answered**
Chosen Option : **2**

Q.60 What is the use of Heat limiter in water dispenser?

Ans

✗ 1. To maintain cold water temperature

✗ 2. To maintain normal temperature

✗ 3. To mix hot and cold water in the vessel

✓ 4.
To disconnect electric power from heater in case of overheating

Question ID : **54335319542**
Option 1 ID : **54335378425**
Option 2 ID : **54335378424**
Option 3 ID : **54335378426**
Option 4 ID : **54335378427**

Status : **Answered**
Chosen Option : **2**

Q.61 Forced air-cooled condenser fins are made up of _____.

Ans
✗ 1. Steel
✗ 2. Zinc
✗ 3. Brass
✓ 4. Aluminium

Question ID : **54335319522**
Option 1 ID : **54335378344**
Option 2 ID : **54335378347**
Option 3 ID : **54335378345**
Option 4 ID : **54335378346**
Status : **Answered**
Chosen Option : **1**

Q.62 What is the purpose of an idler pulley?

Ans
✗ 1. Rotating freely with engine
✗ 2. Engaging magnetic clutch
✓ 3. Preventing slack in the belt
✗ 4. Transmitting power from driver to driven

Question ID : **54335319562**
Option 1 ID : **54335378506**
Option 2 ID : **54335378505**
Option 3 ID : **54335378504**
Option 4 ID : **54335378507**
Status : **Answered**
Chosen Option : **4**

Q.63 In a Hermetic sealed compressor _____

Ans
✗ 1.
Both compressor and motor are outside of a single outer welded steel shell
✗ 2.
Only compressor is confined in a single outer welded steel shell
✓ 3.
Both compressor and motor are confined in a single outer welded steel shell
✗ 4. Only motor is confined in a single outer welded steel shell

Question ID : **54335319514**
Option 1 ID : **54335378313**
Option 2 ID : **54335378314**
Option 3 ID : **54335378312**
Option 4 ID : **54335378315**
Status : **Answered**
Chosen Option : **3**

Q.64 What is the use of Diamond point chisel?

Ans
✗ 1. Chipping on metal surfaces
✗ 2. Forming square groove on metal surfaces

✔ 3. Forming "V" groove on metal surfaces

✘ 4. Forming semi-circle groove on metal surfaces

Question ID : **54335319497**
Option 1 ID : **54335378247**
Option 2 ID : **54335378245**
Option 3 ID : **54335378246**
Option 4 ID : **54335378244**
Status : **Answered**
Chosen Option : **1**

Q.65 The inner core of the flame in gas welding has _____ temperature

Ans
✘ 1. lowest

✘ 2. medium

✘ 3. 100° C

✔ 4. highest

Question ID : **54335319507**
Option 1 ID : **54335378285**
Option 2 ID : **54335378286**
Option 3 ID : **54335378287**
Option 4 ID : **54335378284**
Status : **Answered**
Chosen Option : **4**

Q.66 If the diameter of a wire increase then its resistance _____.

Ans
✘ 1. fluctuates

✘ 2. increases

✔ 3. decreases

✘ 4. remains the same

Question ID : **54335319508**
Option 1 ID : **54335378291**
Option 2 ID : **54335378288**
Option 3 ID : **54335378289**
Option 4 ID : **54335378290**
Status : **Answered**
Chosen Option : **2**

Q.67 How much swag length is recommended to join copper pipes of the same diameter?

Ans
✘ 1. Diameter + 1 mm

✔ 2. Diameter + 3 mm

✘ 3. Diameter + 15 mm

✘ 4. Diameter + 10 mm

Question ID : **54335319534**
Option 1 ID : **54335378394**
Option 2 ID : **54335378392**
Option 3 ID : **54335378395**
Option 4 ID : **54335378393**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which is the type of condenser used for ≤ 3 Tons cooling capacity of a refrigeration unit?

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Ans
1. Water and air cooled
2. Water cooled
3. Oil cooled
4. Air cooled

Question ID : **54335319566**
Option 1 ID : **54335378520**
Option 2 ID : **54335378521**
Option 3 ID : **54335378523**
Option 4 ID : **54335378522**
Status : **Answered**
Chosen Option : **4**

Q.69 What is the full form of SCR?

Ans
1. Serum Controlled Rectifier
2. Self- Controlled Rectifier
3. Satisfied Controlled Rectifier
4. Silicon Controlled Rectifier

Question ID : **54335319512**
Option 1 ID : **54335378304**
Option 2 ID : **54335378306**
Option 3 ID : **54335378305**
Option 4 ID : **54335378307**
Status : **Answered**
Chosen Option : **4**

Q.70 _____ wires have the highest resistance.

Ans
1. Extra large diameter
2. Thick
3. Thin
4. Medium

Question ID : **54335319505**
Option 1 ID : **54335378279**
Option 2 ID : **54335378277**
Option 3 ID : **54335378276**
Option 4 ID : **54335378278**
Status : **Answered**
Chosen Option : **3**

Q.71 Squirrel cage induction motor has

Ans
1. Very small starting torque
2. Very high starting torque
3. Medium starting torque
4. Zero starting torque

Question ID : **54335319518**
Option 1 ID : **54335378329**
Option 2 ID : **54335378331**
Option 3 ID : **54335378330**
Option 4 ID : **54335378328**

Status : **Answered**
Chosen Option : **2**

Q.72 Which is NOT the function of receiver drier in an A/C?

Ans

✗ 1. To trap contaminants that may be inside the A/C system.

✓ 2. To receive the air and dry the Ice

✗ 3. To absorb moisture that may have gotten inside the A/C system

✗ 4. To act as a temporary storage containers for oil and refrigerant when neither are needed for system operation

Question ID : **54335319535**
Option 1 ID : **54335378396**
Option 2 ID : **54335378399**
Option 3 ID : **54335378397**
Option 4 ID : **54335378398**
Status : **Answered**
Chosen Option : **3**

Q.73 What is the full form of UJT in transistors?

Ans

✗ 1. Universal Junction Transistor

✓ 2. Uni- Junction Transistor

✗ 3. Union Junction Transistor

✗ 4. Uniform Junction Transistor

Question ID : **54335319513**
Option 1 ID : **54335378308**
Option 2 ID : **54335378309**
Option 3 ID : **54335378311**
Option 4 ID : **54335378310**
Status : **Answered**
Chosen Option : **4**

Q.74 Where does higher temperature occur in a vapour compression cycle?

Ans

✗ 1. Receiver

✗ 2. Evaporator

✗ 3. Expansion valve

✓ 4. Compressor discharge

Question ID : **54335319496**
Option 1 ID : **54335378241**
Option 2 ID : **54335378242**
Option 3 ID : **54335378243**
Option 4 ID : **54335378240**
Status : **Answered**
Chosen Option : **4**

Q.75 What should NOT be done in An air conditioning performance test?

Ans

✓ 1. Place a thermometer in the inside air inlet door

✗ 2. Open the doors

✗ 3. Turn blower to high speed

✗ 4. Set the controls for maximum cooling

Question ID : **54335319556**
Option 1 ID : **54335378481**
Option 2 ID : **54335378483**
Option 3 ID : **54335378480**
Option 4 ID : **54335378482**
Status : **Answered**
Chosen Option : **1**