

Head Constable AWO TPO in Delhi Police Examination 2022

Roll Number	
Candidate Name	
Venue Name	ION Digital Zone iDZ Sandalpur
Exam Date	28/10/2022
Exam Time	12:30 PM - 2:00 PM
Subject	Head Constable AWO TPO in Delhi Police Examination 2022

Section : Part-A-General Awareness

Q.1 In which of the following regions did the Indigo Peasant Rebellion occur?

- Ans ☒ 1. Mysore
☒ 2. Hyderabad
☒ 3. Bengal
☒ 4. Awadh

Question ID : 26433085267

Status : Answered

Chosen Option : 3

Q.2 Who among the following was the author of Satyarth Prakash written in 1875?

- Ans ☒ 1. Raja Ram Mohan Roy
☒ 2. Ramakrishna Paramhansa
☒ 3. Swami Vivekanand
☒ 4. Dayanand Saraswati

Question ID : 26433065571

Status : Answered

Chosen Option : 4

Q.3 The growth of revenue deficit as a percent of fiscal deficit may NOT indicate _____.

- Ans ☒ 1. an increase in the government revenue
☒ 2. lowering the capital formation
☒ 3. deterioration in the quality of government expenditure
☒ 4. increase in public welfare

Question ID : 26433054564

Status : Answered

Chosen Option : 1

Q.4 Which of the following is NOT true?

- Ans ☒ 1. In 2019, India ranked 2nd among the world crude steel producers.
☒ 2. In 2019, India ranked 1st in per capita consumption of finished steel.
☒ 3. In 2019, India was the largest producer of sponge iron.
☒ 4. In 2019, India produced 111 million tonnes of crude steel.

Question ID : 26433092876

Status : Answered

Chosen Option : 4

Q.5 Who among the following national leaders of British India was the first to form the Home Rule League in April 1916 in Poona?

- Ans ☒ 1. Annie Besant
- ☒ 2. Bal Gangadhar Tilak
- ☒ 3. Madan Mohan Malviya
- ☒ 4. Indulal Yagnik

Question ID : 26433065567
Status : Answered
Chosen Option : 4

Q.6 Which of the following Mughal rulers built the imperial capital Shahjahanabad?

- Ans ☒ 1. Shahjahan
- ☒ 2. Akbar
- ☒ 3. Jahangir
- ☒ 4. Babur

Question ID : 26433054229
Status : Answered
Chosen Option : 4

Q.7 In Asia Cup 2022, against which of the following countries Virat Kohli scored an unbeaten 122 off 61 balls?

- Ans ☒ 1. Sri Lanka
- ☒ 2. Afghanistan
- ☒ 3. Pakistan
- ☒ 4. Bangladesh

Question ID : 26433098490
Status : Answered
Chosen Option : 4

Q.8 The Tomb of Itimad-ud-Daulaha is located at _____

- Ans ☒ 1. Kanpur
- ☒ 2. Agra
- ☒ 3. Delhi
- ☒ 4. Lucknow

Question ID : 26433098493
Status : Answered
Chosen Option : 1

Q.9 Which of the following Bharatnatyam dancers received the prestigious title 'Sangeetha kala Vibhushanam' 2020 in Mumbai?

- Ans ☒ 1. Shijith Nambiar and Parvathy Menon
- ☒ 2. Kiran Subramanyam and Sandya Kiran
- ☒ 3. Shanta and Vannadil Pudiaveetil Dhananjay
- ☒ 4. Raja and Radha Reddy

Question ID : 26433074838
Status : Answered
Chosen Option : 4

Q.10 Which of the following is a Fundamental Duty of a citizen?

- Ans ☒ 1. To preserve rich heritage
- ☐ 2. To indulge in a profitable trade
- ☐ 3. To propagate religion
- ☐ 4. To set up educational institutions

Question ID : 26433071651
Status : Answered
Chosen Option : 1

Q.11 The _____ festival is celebrated thrice in a year in Assam.

- Ans ☐ 1. Doljatra
- ☐ 2. Hareli
- ☒ 3. Bihu
- ☐ 4. Kajari

Question ID : 26433054224
Status : Answered
Chosen Option : 3

Q.12 As per the Multidimensional Poverty Index national (MPI) Report by Niti Aayog in 2021, what is the score of India?

- Ans ☐ 1. 0.811
- ☒ 2. 0.118
- ☐ 3. 0.818
- ☐ 4. 0.111

Question ID : 26433067219
Status : Answered
Chosen Option : 1

Q.13 Researchers from which institute built a portable desalination unit that generates clear, clean drinking water without the need for filters or high-pressure pumps in April 2022?

- Ans ☐ 1. Nanyang Technological University, Singapore
- ☐ 2. The Hong Kong University of Science and Technology, Hong Kong
- ☐ 3. Delft University of Technology, Netherlands
- ☒ 4. Massachusetts Institute of Technology, USA

Question ID : 26433098856
Status : Answered
Chosen Option : 1

Q.14 The crude literacy rate in India according to the 2011 Census is _____.

- Ans ☒ 1. 64.32%
- ☐ 2. 64.83 %
- ☐ 3. 82.14%
- ☐ 4. 65.56%

Question ID : 26433081925
Status : Answered
Chosen Option : 3

Q.15 Which of the following state governments announced in March 2022 to confer the Sushma Swaraj Award on women for their contribution to different walks of life?

- Ans ☒ 1. Haryana
☐ 2. Uttarakhand
☐ 3. Punjab
☐ 4. Uttar Pradesh

Question ID : 26433074174
Status : Answered
Chosen Option : 2

Q.16 What was Turkan-i-Chahalgani formed by Iltutmish?

- Ans ☐ 1. Group of 40 elite warriors
☐ 2. Group of transferable generals of army
☐ 3. Group of 40 trusted slaves
☒ 4. Group of 40 Turkish Amirs

Question ID : 26433098825
Status : Answered
Chosen Option : 1

Q.17 Which state of India records the highest reserves of lignite coal as reflected in the data of 2014 from the Mines and Minerals Yearbook?

- Ans ☐ 1. Gujarat
☒ 2. Tamil Nadu
☐ 3. Jammu and Kashmir
☐ 4. Rajasthan

Question ID : 26433067194
Status : Answered
Chosen Option : 4

Q.18 Which of the following is NOT a benefit of SHGs?

- Ans ☐ 1. Social integrity
☒ 2. Gender bias
☐ 3. Banking literacy
☐ 4. Financial inclusion

Question ID : 26433054571
Status : Answered
Chosen Option : 2

Q.19 Which of the following is a first-of-its-kind hardware/software product which attaches to power wheelchairs to provide security, stability and connectivity through cloud and sensor-fusion technologies launched in February 2021?

- Ans ☐ 1. LEXI
☐ 2. PIE
☒ 3. LUCI
☐ 4. AMY

Question ID : 26433098832
Status : Answered
Chosen Option : 3

Q.20 When did the Rolling Plan come into effect?

- Ans ☒ 1. After the sixth Five-Year Plan
☒ 2. After the seventh Five-Year Plan
☒ 3. After the fourth Five-Year Plan
☒ 4. After the fifth Five-Year Plan

Question ID : 26433054598
Status : Answered
Chosen Option : 3

Section : Part-B-General Science

Q.1 The location magnetic south pole of earth's magnet is at 79.74° S, 108.22° E in the _____,

- Ans ☒ 1. New Zealand
☒ 2. Australia
☒ 3. Antarctica
☒ 4. Canada

Question ID : 26433098515
Status : Answered
Chosen Option : 2

Q.2 The word magnet is derived from

- Ans ☒ 1. Magnesias
☒ 2. Electromagnet
☒ 3. Ferromagnet
☒ 4. Temporary magnet

Question ID : 26433098622
Status : Answered
Chosen Option : 2

Q.3 Find the speed of a vehicle in km h⁻¹ if its speed is 5 m s⁻¹?

- Ans ☒ 1. 72
☒ 2. 20
☒ 3. 18
☒ 4. 36

Question ID : 26433098577
Status : Answered
Chosen Option : 3

Q.4 Norethindrone is

- Ans ☒ 1. combination of estrogen and progesterone
☒ 2. synthetic estrogen derivative
☒ 3. synthetic progesterone derivative
☒ 4. Enzyme inhibitors

Question ID : 26433098652
Status : Answered
Chosen Option : 1

Q.5 Identify the correct option which correctly fill up the blanks in the below three statements related to compass.

(I) A compass needle consists of a _____ needle which floats on a pivotal point.

(II) Knowing the magnetic _____ at a place allows us to correct the compass to determine the direction of true north.

(III) In some places on the earth there are deposits of _____ which cause the compass needle to deviate from the magnetic meridian.

- Ans
- ☒ 1. I- Magnetic, II-direction, III- Magnetic minerals
 - ☒ 2. I- Magnetic, II-declination, III- electrochemical minerals
 - ☒ 3. I-Electric, II-direction, III-electric minerals
 - ☒ 4. I-Magnetic, II-declination, III- Magnetic minerals

Question ID : 26433098688

Status : Answered

Chosen Option : 1

Q.6 When the concentrations of all the species involved in a half-cell is unity then the electrode potential is known as _____

- Ans
- ☒ 1. Redox potential
 - ☒ 2. Half-cell potential
 - ☒ 3. Standard electrode potential
 - ☒ 4. Single potential

Question ID : 26433098696

Status : Answered

Chosen Option : 2

Q.7 The dimension of resistivity is _____.

- Ans
- ☒ 1. $[M L^{-2} T^3 A^{-2}]$
 - ☒ 2. $[M L^{-3} T^3 A^{-2}]$
 - ☒ 3. $[M L^3 T^{-3} A^{-2}]$
 - ☒ 4. $[M L^3 T^{-2} A^{-2}]$

Question ID : 26433098513

Status : Answered

Chosen Option : 4

Q.8 What is the size of a proton?

- Ans
- ☒ 1. 10^{-15}
 - ☒ 2. 10^{-14}
 - ☒ 3. 10^{-16}
 - ☒ 4. 10^{-12}

Question ID : 26433098621

Status : Answered

Chosen Option : 4

Q.9 A body of mass 10 kg is acted upon by two perpendicular forces 6 N and 8 N. What will be the magnitude of acceleration of body

- Ans
- ☒ 1. $a = 2 \text{ ms}^{-2}$
 - ☒ 2. $a = 1 \text{ ms}^{-2}$
 - ☒ 3. $a=0$
 - ☒ 4. $a = 10 \text{ Nkg-}$

Question ID : 26433098639

Status : Answered

Chosen Option : 1

Q.10 Newton's masterpiece Philosophiae Naturalis Principia Mathematica was often simply called the _____

- Ans
- ☐ 1. Philosophiae
 - ☐ 2. Naturalis
 - ☐ 3. Mathematica
 - ☒ 4. Principia

Question ID : 26433098704
Status : Answered
Chosen Option : 4

Q.11 A batter hits back a ball straight in the direction of the bowler without changing its initial speed of 20 m s^{-1} . If the mass of the ball is 0.25 kg , determine the impulse imparted to the ball. (Assume linear motion of the ball)?

- Ans
- ☐ 1. 62.5 N s
 - ☐ 2. 5 N s
 - ☐ 3. 6.25 N s
 - ☒ 4. 10 N s

Question ID : 26433098508
Status : Answered
Chosen Option : 2

Q.12 The concentration of ozone above which breathing becomes uncomfortable resulting in headache and nausea?

- Ans
- ☐ 1. 101 parts per million
 - ☒ 2. 100 parts per million
 - ☐ 3. 102 parts per million
 - ☐ 4. 10 parts per million

Question ID : 26433098672
Status : Answered
Chosen Option : 1

Q.13 What is the number of base units in *Système Internationale d' Unites* (French for International System of Units), abbreviated as SI?

- Ans
- ☒ 1. 7
 - ☐ 2. 9
 - ☐ 3. 6
 - ☐ 4. 8

Question ID : 26433098681
Status : Answered
Chosen Option : 1

Q.14 इलेक्ट्रॉनिक चालकत्व (electronic conductance) निम्नलिखित में से किस पर निर्भर नहीं करता है?

- Ans
- ☐ 1. तापमान
 - ☐ 2. धातु की प्रकृति और संरचना
 - ☐ 3. प्रति परमाणु संयोजी इलेक्ट्रॉनों की संख्या
 - ☒ 4. दाब

Question ID : 26433098673
Status : Answered
Chosen Option : 4

Q.15 The product of mass (m) of an object and its velocity (v) =

- Ans ☒ 1. Force
☒ 2. Momentum
☒ 3. Acceleration
☒ 4. Displacement

Question ID : 26433098528

Status : Answered

Chosen Option : 2

Q.16 What is INCORRECT about current?

- Ans ☒ 1. Currents follows vector law of addition
☒ 2. It is scalar quantity
☒ 3. Current through a given area of a conductor is the net charge passing per unit time through the area.
☒ 4. Currents do not obey the law of vector addition

Question ID : 26433098666

Status : Answered

Chosen Option : 1

Q.17 Who among the following was able to explain the photoelectric effect using Planck's quantum theory of electromagnetic radiation as a starting point?

- Ans ☒ 1. Faraday.
☒ 2. Edison.
☒ 3. Franklin.
☒ 4. Einstein.

Question ID : 26433098588

Status : Answered

Chosen Option : 1

Q.18 ऊष्मागतिकी में कौन सा नियम, एक ऊष्मा इंजन की दक्षता और एक रेफ्रिजरेटर के निष्पादन गुणांक के लिए एक मूल परिसीमा (fundamental limitation) प्रदान करता है?

- Ans ☒ 1. ऊष्मागतिकी का द्वितीय नियम
☒ 2. ऊष्मागतिकी का शून्य कोटि नियम
☒ 3. ऊष्मागतिकी का तृतीय नियम
☒ 4. ऊष्मागतिकी का प्रथम नियम

Question ID : 26433098504

Status : Answered

Chosen Option : 4

Q.19 Which of the following statement is TRUE with respect to soaps?

- Ans ☒ 1. Soaps that float in water are made by dissolving the soap in ethanol and then evaporating the excess solvent.
☒ 2. Transparent soaps are made by beating tiny air bubbles before their hardening.
☒ 3. Shaving soaps contain glycerol to prevent rapid drying.
☒ 4. Toilet soaps contain fillers like sodium rosinate, sodium silicate, borax and sodium carbonate.

Question ID : 26433098715

Status : Answered

Chosen Option : 4

Q.20 Arrange the following elements in ascending order according to its specific heat

- (a) Carbon
- (b) Silver
- (c) Tungsten
- (d) Aluminium

Ans ☒ 1. (b), (d), (c) & (a)
☒ 2. (a), (d), (c) & (b)
☒ 3. (d), (a), (c) & (b)
☒ 4. (c), (b), (a) & (d)

Question ID : 26433098505
Status : Answered
Chosen Option : 2

Q.21 Which of the following statements is INCORRECT?

Rutherford's famous α -particle scattering experiment, it was observed and concluded that :

Ans ☒ 1. a small fraction of the α -particles was deflected by small angles.
☒ 2. most of the α -particles passed through the gold foil undeflected.
☒ 3. Most of the space in the atom is not empty as most of the α -particles passed through the foil undeflected.
☒ 4. a very few α -particles (~1 in 20,000) bounced back, that is, were deflected by nearly 180° .

Question ID : 26433098522
Status : Answered
Chosen Option : 3

Q.22 Bithionol added to soap acts as

Ans ☒ 1. buffering agent
☒ 2. softener
☒ 3. Drying agent
☒ 4. antiseptic

Question ID : 26433098604
Status : Answered
Chosen Option : 2

Q.23 The importance of which drug was so much that it remained the largest selling drug in the world until another drug, ranitidine (Zantac), was discovered?

Ans ☒ 1. Cimetidine
☒ 2. Brompheniramine
☒ 3. Histamine
☒ 4. Antihistamines.

Question ID : 26433098536
Status : Answered
Chosen Option : 1

Q.24 The molar conductivity of a 0.3 mol/dm^3 solution of AgNO_3 with electrolytic conductivity of $2.61 \times 10^{-3} \text{ S cm}^{-1}$ at 298K in $\text{S cm}^2/\text{mol}$

Ans ☒ 1. 11.52

☒ 2. 8.7

☒ 3. 28.8

☒ 4. 2.88

Question ID : 26433098612

Status : Answered

Chosen Option : 2

Q.25 Kepler's laws were extracted from data compiled by

Ans ☒ 1. Maxwell

☒ 2. Tycho Brahe

☒ 3. Nicolas Copernicus

☒ 4. Newton

Question ID : 26433098618

Status : Answered

Chosen Option : 4

Section : Part-C-Mathematics

Q.1 Let R be a point on a straight line PQ. Two Circles are drawn with diameters PR and PQ. Let A be any point on the circumference of the circle with diameter PQ. If PA meets the other circle at B, then:

Ans ☒ 1. $BR \parallel AQ$

☒ 2. $BR = \frac{1}{2} AQ$

☒ 3. $BR = \frac{1}{4} AQ$

☒ 4. $BR \parallel AQ$ and $BR = \frac{1}{2} AQ$

Question ID : 26433061381

Status : Answered

Chosen Option : 4

Q.2 The amount received on a certain sum for $2\frac{2}{5}$ years at 15% p.a. simple interest is ₹507 less than the simple interest on the same sum for $9\frac{1}{2}$ years at the same rate. The sum (in ₹) is:

Ans ☒ 1. 8,000

☒ 2. 7,400

☒ 3. 7,600

☒ 4. 7,800

Question ID : 26433074966

Status : Answered

Chosen Option : 4

Q.3 What is 20% of 45% of 800 grams?

- Ans
- ☐ 1. 82 grams
 - ☐ 2. 62 grams
 - ☐ 3. 92 grams
 - ☒ 4. 72 grams

Question ID : 26433063853

Status : Answered

Chosen Option : 4

Q.4 A and B together completed a piece of work costing Rs. 1,900. A worked for 5 days, B for 6 days. If the daily wages of A and B are in the ratio of 4 : 3 respectively, then how much amount will be received by A?

- Ans
- ☐ 1. Rs. 800
 - ☐ 2. Rs. 900
 - ☒ 3. Rs. 1,000
 - ☐ 4. Rs. 1,100

Question ID : 26433063965

Status : Answered

Chosen Option : 3

Q.5 The distance between two parallel chords of length 10 cm, each in a circle of diameter 12 cm, is:

- Ans
- ☐ 1. 11 cm
 - ☒ 2. $2\sqrt{11}$ cm
 - ☐ 3. $\sqrt{6}$ cm
 - ☐ 4. 26 cm

Question ID : 26433066260

Status : Answered

Chosen Option : 2

Q.6 The value of $\frac{1}{2} + \frac{1}{3} - \frac{1}{6} \div \frac{3}{5} \times \frac{3}{5}$ is:

- Ans
- ☐ 1. $\frac{1}{5}$
 - ☐ 2. $\frac{1}{3}$
 - ☐ 3. $\frac{2}{7}$
 - ☒ 4. $\frac{2}{3}$

Question ID : 26433058958

Status : Answered

Chosen Option : 4

Q.7 A and B can accomplish a certain piece of work in 15 days when they work together. A alone can do that work in 30 days. If A and B work for 10 days and then onwards only A works. How long will it take for A to do the remaining task?

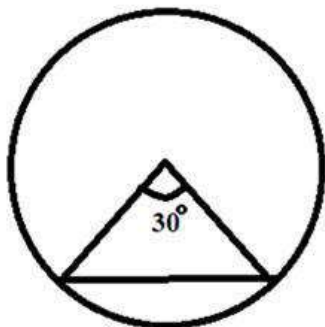
- Ans
- ☒ 1. 25 days
 - ☒ 2. 30 days
 - ☒ 3. 20 days
 - ☒ 4. 10 days

Question ID : 26433071341

Status : Answered

Chosen Option : 4

Q.8 The radius of the given circle = 7 cm. What is the area of the major segment?



- Ans
- ☒ 1. 153.42 cm²
 - ☒ 2. 180.25 cm²
 - ☒ 3. 193.41 cm²
 - ☒ 4. 125.58 cm²

Question ID : 26433075336

Status : Answered

Chosen Option : 1

Q.9 What is the volume of a hemisphere whose radius is 6 cm?

- Ans
- ☒ 1. 451.16 cm³
 - ☒ 2. 454.16 cm³
 - ☒ 3. 453.16 cm³
 - ☒ 4. 452.57 cm³

Question ID : 26433073142

Status : Answered

Chosen Option : 4

Q.10 Aman's average score in a series of tests was 'y'. He appeared in one more test and obtained score 'z'. If Aman appeared in total 'n' tests, then which one of the following expression shows his average score for all the tests?

Ans

✓ 1. $\frac{y(n-1) + z}{n}$

✗ 2. $y(n-1) + \frac{z}{n}$

✗ 3. $\frac{y(n-1) + 1}{n}$

✗ 4. $\frac{y(n-1)}{n}$

Question ID : 26433081544

Status : Answered

Chosen Option : 1

Q.11 A ship goes at a speed of 17 km/h downstream and at 13 km/h upstream. What will be the speed of the ship in still water?

Ans

✗ 1. 14 km/h

✗ 2. 16 km/h

✓ 3. 15 km/h

✗ 4. 13 km/h

Question ID : 26433063422

Status : Answered

Chosen Option : 3

Q.12 What is the value of the given expression?

$$32 \div 8 + \frac{3}{5} \text{ of } 85 - \left(\frac{2}{5} + \frac{4}{3}\right) \times 30$$

Ans

✗ 1. 55

✗ 2. 39

✓ 3. 3

✗ 4. 7

Question ID : 26433058776

Status : Answered

Chosen Option : 3

Q.13 The system of equations: $2x + 3y = 7$ and $(a-b)x + (a+b)y = 3a + b - 2$ have infinitely many solutions:

Ans

✗ 1. $a = 5, b = 3$

✗ 2. $a = 2, b = 3$

✗ 3. $a = 2, b = 1$

✓ 4. $a = 5, b = 1$

Question ID : 26433098457

Status : Answered

Chosen Option : 4

Q.14 If $\cot 18^\circ = \frac{p}{q}$, then the value of $\frac{\operatorname{cosec}^2 378^\circ}{1 + \tan^2 378^\circ}$ is:

- Ans
- ☐ 1. 1
 - ☐ 2. $\frac{p}{q}$
 - ☐ 3. $\frac{p^3}{q^3}$
 - ☒ 4. $\frac{p^2}{q^2}$

Question ID : 26433075029

Status : Answered

Chosen Option : 4

Q.15 If the sum of the first 100 terms of an arithmetic progression is 50, and the sum of the first 200 terms is 90, then what is the sum of the first 300 terms of the progression?

- Ans
- ☐ 1. 140
 - ☐ 2. 100
 - ☐ 3. 130
 - ☒ 4. 120

Question ID : 26433098435

Status : Answered

Chosen Option : 4

Q.16 The length and the breadth of a rectangular field are in the ratio 3 : 2. If the area of the field is 3456 m^2 , then what is the cost of fencing the field at the rate of Rs.3.50 per m?

- Ans
- ☐ 1. Rs. 240
 - ☒ 2. Rs. 840
 - ☐ 3. Rs. 480
 - ☐ 4. Rs. 420

Question ID : 26433073140

Status : Answered

Chosen Option : 2

Q.17 If twice the son's age (in years) is added to the age of his father, the sum is 91. If twice the age (in years) of father is added to the age of the son, the sum is 119. What is the difference (in years) between the ages of father and son?

- Ans
- ☐ 1. 30
 - ☐ 2. 27
 - ☒ 3. 28
 - ☐ 4. 29

Question ID : 26433098458

Status : Answered

Chosen Option : 3

Q.18 In a government scheme, if an electricity bill is paid before due date, one gets a reduction of 13.5% on the amount of the bill. By paying the bill before due date, Ritu got a reduction of Rs. 6,075. The amount of her electricity bill was:

- Ans
- ☒ 1. Rs. 48,000
 - ☒ 2. Rs. 55,380
 - ☒ 3. Rs. 60,750
 - ☒ 4. Rs. 45,000

Question ID : 26433063704

Status : Answered

Chosen Option : 4

Q.19 Study the given table and answer the question(s) that follow(s).

The marks obtained by four students A, B, C and D in Mathematics, Statistics and Computers are given in the following table.

Students → /Subjects ↓	A	B	C	D
Mathematics	60	50	70	75
Statistics	70	45	60	80
Computers	80	55	55	75

Find the average score in Mathematics by the given students.

- Ans
- ☒ 1. $66\frac{3}{4}$
 - ☒ 2. $63\frac{3}{4}$
 - ☒ 3. $61\frac{3}{4}$
 - ☒ 4. $63\frac{1}{4}$

Question ID : 26433075002

Status : Answered

Chosen Option : 2

Q.20 If $y - \frac{1}{y} = 2$, then the value of $y^3 - \frac{1}{y^3}$ is equal to:

- Ans
- ☒ 1. 14
 - ☒ 2. 3
 - ☒ 3. 21
 - ☒ 4. 18

Question ID : 26433061110

Status : Answered

Chosen Option : 1

Q.21 If the denominator of a fraction is multiplied by 2 and the numerator is increased by 2, the fraction becomes $\frac{1}{2}$. If instead, the numerator is multiplied by 2 and the denominator is increased by 2, it becomes $\frac{6}{7}$. What is the sum of the numerator and the denominator of the original fraction (in lowest form)?

- Ans
- ☒ 1. 11
 - ☒ 2. 8
 - ☒ 3. 7
 - ☒ 4. 6

Question ID : 26433098434

Status : Answered

Chosen Option : 1

Q.22 If interest is compounded half-yearly, then find the compound interest on ₹3,125 at 8% for 1 year.

- Ans ☒ 1. ₹255
☐ 2. ₹254
☐ 3. ₹253
☐ 4. ₹252

Question ID : 26433063418
Status : Answered
Chosen Option : 1

Q.23 If x is a natural number such that 18 is the third proportional to $(x + 2)$ and $(x + 6)$, what is the value of x ?

- Ans ☒ 1. 6
☐ 2. 9
☐ 3. 4
☐ 4. 8

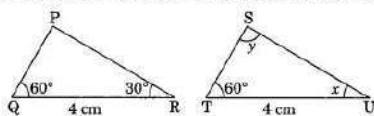
Question ID : 26433061898
Status : Answered
Chosen Option : 1

Q.24 A man sells 10 pens for ₹18 gaining 24%. How many pens should he sell for ₹1,530 to earn a profit of 55%?

- Ans ☐ 1. 540
☐ 2. 620
☒ 3. 680
☐ 4. 760

Question ID : 26433061889
Status : Answered
Chosen Option : 3

Q.25 $\triangle PQR$ and $\triangle STU$ are congruent triangles under ASA. What are the values of x and y , respectively?



- Ans ☐ 1. 90° and 30°
☒ 2. 30° and 90°
☐ 3. 45° and 75°
☐ 4. 75° and 45°

Question ID : 26433061447
Status : Answered
Chosen Option : 2

Q.1 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
 $(279 * 9) * 46 * 24 * (13 * 3)$

- Ans
- ☒ 1. $\div, =, +, +, -$
 - ☒ 2. $-, \times, =, -, +$
 - ☒ 3. $\div, =, +, -, \times$
 - ☒ 4. $\times, =, -, \div, -$

Question ID : 26433057649

Status : Answered

Chosen Option : 1

Q.2 There are five persons in which Ajay is elder than Sanjeev. Mahesh is elder than Ajay but younger than Kumar. Kumar is elder than Sanjeev. Gaurav is the eldest. Who is the youngest?

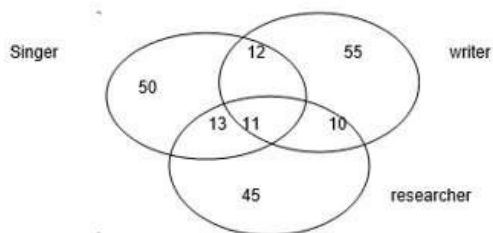
- Ans
- ☒ 1. Sanjeev
 - ☒ 2. Ajay
 - ☒ 3. Mahesh
 - ☒ 4. Kumar

Question ID : 26433068080

Status : Answered

Chosen Option : 1

Q.3 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many singers are NOT writers and researchers?

- Ans
- ☒ 1. 55
 - ☒ 2. 13
 - ☒ 3. 50
 - ☒ 4. 45

Question ID : 26433074656

Status : Answered

Chosen Option : 3

Q.4 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(64, 112, 49)
(121, 330, 225)

Ans ☒ 1. (81, 125, 1331)

☒ 2. (256, 480, 225)

☒ 3. (144, 252, 441)

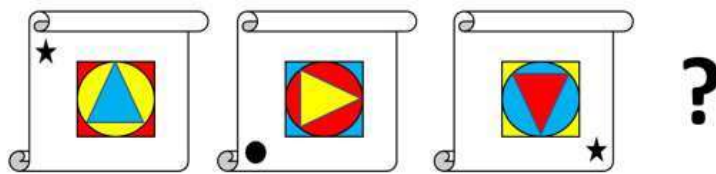
☒ 4. (25, 70, 196)

Question ID : 26433056507

Status : Answered

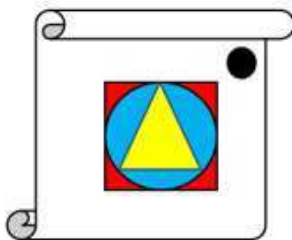
Chosen Option : 2

Q.5 Select the figure that will come next in the following figure series.

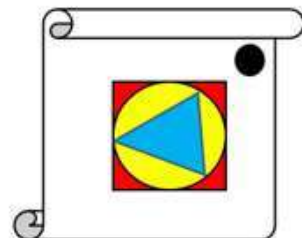


Ans

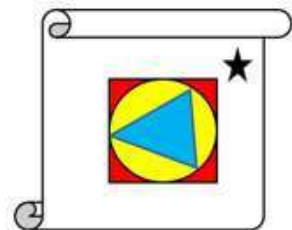
☒ 1.



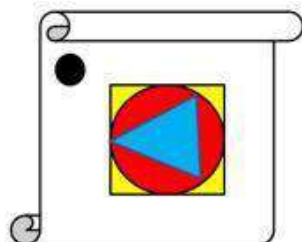
☒ 2.



☒ 3.



☒ 4.



Question ID : 26433056541

Status : Answered

Chosen Option : 2

Q.6 A & B means 'A is the wife of B'.
A # B means 'A is the father of B'.
A @ B means 'A is the son B'.
A % B means 'A is the husband of B'.
A + B means 'A is the mother of B'.
If A & B # C & D @ E % F + G, then how is C related to F?

Ans ☒ 1. Mother-in-law

☒ 2. Daughter-in-law

☒ 3. Daughter

☒ 4. Sister

Question ID : 26433098336

Status : Answered

Chosen Option : 2

Q.7 Which of the following numbers will replace the question mark (?) in the given series?
6, 12, 20, 30, ?, 56

Ans ☒ 1. 44

☒ 2. 42

☒ 3. 32

☒ 4. 22

Question ID : 26433056437

Status : Answered

Chosen Option : 2

Q.8 'M = N' means 'M is the son of N',
'M # N' means 'M is the mother's brother of N',
'M × N' means 'M is the husband of N',
'M & N' means 'M is the sister of N',
'M \$ N' means 'M is the wife of N', and
'M @ N' means 'M is the sister-in-law of N'.
If Rashmi is the only sister of K, then how is she related to B in the following expression?
D = L \$ K # P \$ C = B

Ans ☒ 1. Mother-in-law

☒ 2. Wife

☒ 3. Maternal aunt

☒ 4. Son's mother-in-law

Question ID : 26433098333

Status : Answered

Chosen Option : 4

Q.9 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing the north. Only two people sit to the right of D. Only two people sit to the left of C. Only two people sit between D and G. Only three people sit between C and E. A is not an immediate neighbour of D. B sits to the right of D. Who sits to the immediate left of E?

Ans ☒ 1. C

☒ 2. B

☒ 3. G

☒ 4. F

Question ID : 26433055899

Status : Answered

Chosen Option : 2

Q.10 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Borrelia
2. Boroughs
3. Boredom
4. Borderline
5. Bordellos
6. Borrower

Ans ☒ 1. 5, 4, 3, 2, 6, 1

☒ 2. 5, 4, 1, 2, 3, 6

☒ 3. 5, 4, 3, 6, 2, 1

☒ 4. 5, 4, 3, 2, 1, 6

Question ID : 26433098357

Status : Answered

Chosen Option : 4

Q.11 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown below. Find the number on the face opposite to the one showing '2'.

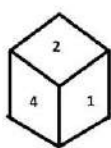


figure 1

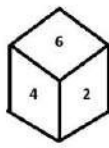


figure 2

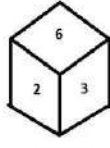


figure 3

Ans ☒ 1. 5

☒ 2. 1

☒ 3. 4

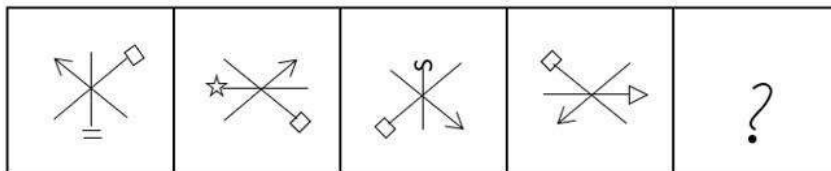
☒ 4. 3

Question ID : 26433080722

Status : Answered

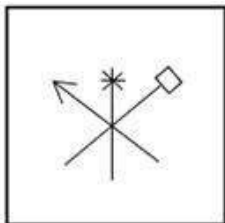
Chosen Option : 1

Q.12 Select the figure from among the given options that can replace the question mark (?) in the following series.

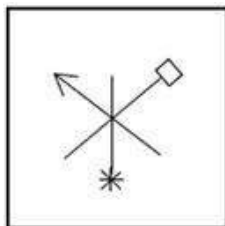


Ans

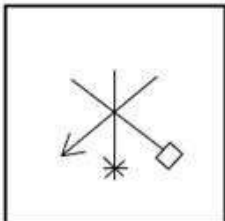
✗ 1.



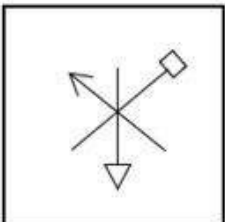
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433056823

Status : Answered

Chosen Option : 2

Q.13 Which letter-cluster will replace the question mark (?) to complete the given series?
CAGJ, FCKO, ?, LGSY, OIWD

Ans ✗ 1. IEPJ

✗ 2. IEPT

✗ 3. IERU

✓ 4. IEOT

Question ID : 26433067955

Status : Answered

Chosen Option : 4

Q.14 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

A _ A Z _ N _ M A _ O _ A M _ _ O _ A _ A _ O _

- Ans ☒ 1. OANZAMANNZM
☒ 2. MOAZNAZNMZN
☒ 3. OANMNMAZAZO
☒ 4. MOAANZMANNZ

Question ID : 26433056394

Status : Answered

Chosen Option : 4

Q.15 In a certain code language, 'RABBIT' is written as 'UCEDLV' and 'DONKEY' is written as 'GQQMHA'. How will 'TURTLE' be written in that language?

- Ans ☒ 1. XWUVPG
☒ 2. XXUVOG
☒ 3. WWUVOG
☒ 4. WXUVOG

Question ID : 26433098346

Status : Answered

Chosen Option : 3

Q.16 Six students are sitting around a circular table facing the centre. Ron is sitting second to the right of Ann. Brian is an immediate neighbour of both Luther and Ann. Eve is sitting third to the left of Luther. Who is sitting between Brian and Van?

- Ans ☒ 1. Luther
☒ 2. Ann
☒ 3. Eve
☒ 4. Ron

Question ID : 26433055678

Status : Answered

Chosen Option : 1

Q.17 Which two signs and numbers need to be interchanged to make the following equation correct?

$$(\sqrt{225} \div 8) + (112 \times 7) + 23 - 12 = 130$$

- Ans ☒ 1. 8 and 7, \times and $-$
☒ 2. 7 and 23, $+$ and \times
☒ 3. 112 and 23, \div and $-$
☒ 4. 8 and 7, $+$ and \times

Question ID : 26433057110

Status : Answered

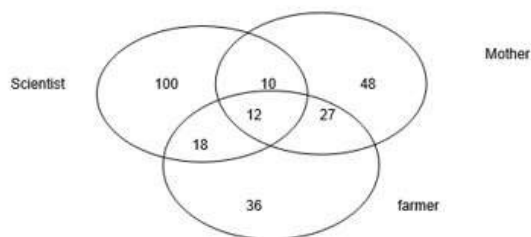
Chosen Option : 4

Q.18 In a certain code language, 'DUCK' is written as '16' and 'SHEEP' is written as '25'.How will 'TURKEY' be written in that language?

- Ans ☒ 1. 42
☒ 2. 49
☒ 3. 30
☒ 4. 36

Question ID : 26433098345
Status : Answered
Chosen Option : 4

Q.19 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.

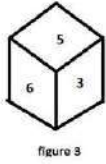
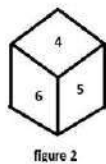
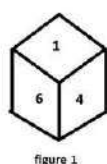


How many Farmers are Mothers and NOT Scientists?

- Ans ☒ 1. 10
☒ 2. 18
☒ 3. 27
☒ 4. 12

Question ID : 26433074655
Status : Answered
Chosen Option : 3

Q.20 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown below. Find the number on the face opposite to the one showing '3'.



- Ans ☒ 1. 2
☒ 2. 5
☒ 3. 1
☒ 4. 4

Question ID : 26433080727
Status : Answered
Chosen Option : 4

Q.1 एमएस-एक्सेल 2010 (MS-Excel 2010) फॉर्मूला में, कॉलम (columns) A से E और रो (rows) 10 से 20 तक सेल की रेंज को संदर्भित करने के लिए निम्नलिखित में से कौन सा सही तरीका है?

- Ans
- ☐ 1. A10-E20
 - ☐ 2. 10A:30E
 - ☐ 3. 10A-20E
 - ☒ 4. A10:E20

Question ID : 26433098411

Status : Answered

Chosen Option : 4

Q.2 एमएस-एक्सेल (MS-Excel 2010) में, 'टेक्स्ट को टाइटल' केस में बदलने के लिए निम्नलिखित में से किस फंक्शन का उपयोग किया जाता है?

- Ans
- ☐ 1. अपर केस (UPPER case)
 - ☒ 2. प्रोपर केस (PROPER case)
 - ☐ 3. टाइटल केस (TITLE case)
 - ☐ 4. लोअर केस (LOWER case)

Question ID : 26433098370

Status : Answered

Chosen Option : 3

Q.3 The _____ keyboard shortcut to open a new workbook in MS-Excel 2010.

- Ans
- ☐ 1. Ctrl + S
 - ☐ 2. Ctrl + H
 - ☒ 3. Ctrl + N
 - ☐ 4. Ctrl + O

Question ID : 26433098382

Status : Answered

Chosen Option : 2

Q.4 The keyboard shortcut key to open the format cells dialog box in MS-Excel 2010 is _____.

- Ans
- ☐ 1. Ctrl + F
 - ☒ 2. Ctrl + Shift + F
 - ☐ 3. Ctrl + Alt + F
 - ☐ 4. Alt + Shift + F

Question ID : 26433098365

Status : Answered

Chosen Option : 3

Q.5 Which of the following is an invalid email address?

- Ans
- ☒ 1. 989bcd@yahoo.com
 - ☒ 2. abc123@Syahoo.com
 - ☒ 3. abc123@yahoo.com
 - ☒ 4. 9a9b9c@yahoo.com

Question ID : 26433098426
Status : Answered
Chosen Option : 2

Q.6 In MS-Excel 2010, the remove duplicates function is found in the ribbon under the _____ tab.

- Ans
- ☒ 1. Data
 - ☒ 2. Review
 - ☒ 3. Insert
 - ☒ 4. View

Question ID : 26433098373
Status : Answered
Chosen Option : 2

Q.7 The 'Open' command that is used to open a MS-Word 2010 document is found in which of the following tab?

- Ans
- ☒ 1. Home
 - ☒ 2. Help
 - ☒ 3. Layout
 - ☒ 4. File

Question ID : 26433098412
Status : Answered
Chosen Option : 4

Q.8 The URL for a secured website starts with _____.

- Ans
- ☒ 1. https
 - ☒ 2. http
 - ☒ 3. https
 - ☒ 4. httss

Question ID : 26433098378
Status : Answered
Chosen Option : 1

Q.9 A _____ consists of a matrix of rectangular cells grouped in rows and columns.

Ans ☒ 1. spreadsheet

☐ 2. document

☐ 3. Text

☐ 4. slide

Question ID : 26433098399

Status : Answered

Chosen Option : 1

Q.10 The full form of URL is:

Ans ☐ 1. United Resource Logo

☐ 2. Uniform Resource Logo

☒ 3. Uniform Resource Locator

☐ 4. United Resource Locator

Question ID : 26433098407

Status : Answered

Chosen Option : 3