Head Constable AWO TPO in Delhi Police Examination 2022

Roll Number	**Join Telegram Link Given in App**
Candidate Name	**Join Telegram Link Given in App**
Venue Name	iON Dizital Zone Faridabad
Exam Date	28/10/2022
Exam Time	9:00 AM - 10:30 AM
Subject	Head Constable AWO TPO in Delhi Police Examination 2022

Section : **Part-A-General Awareness**

Q.1 Which of the following movements of Mahatma Gandhi was his first movement in British India against indigo planters?

Ans ✗ 1. Ahmadabad Satyagraha

✓ 2. Champaran Satyagraha

✗ 3. Non-Cooperation Movement

✗ 4. Kheda Satyagraha

Question ID : **26433065562**
Status : **Marked For Review**
Chosen Option : **4**

Q.2 Which of the following is the regulatory body for microfinance institutions in India?

Ans ✗ 1. NABARD

✗ 2. SIDBI

✓ 3. Reserve Bank of India

✗ 4. State Bank of India

Question ID : **26433054570**
Status : **Answered**
Chosen Option : **2**

Q.3 The tableau of which of the following states showcased the resistance of indigenous people towards the British Imperial Policy during the Republic Day Parade of 2022?

Ans ✓ 1. Arunachal Pradesh

✗ 2. Punjab

✗ 3. Maharashtra

✗ 4. Uttar Pradesh

Question ID : **26433064675**
Status : **Marked For Review**
Chosen Option : **4**

Q.4 Gopi Krishna, a great personality in Kathak and famous as an Indian dancer, actor and choreographer belong to which gharana?

Ans ✗ 1. Jaipur

✓ 2. Banaras

✗ 3. Lucknow

✗ 4. Raigarh

Question ID : **26433072633**
Status : **Answered**
Chosen Option : **2**

Q.5 As per 2018, what is the number of mobile subscribers per 100 people in India?

Ans ✗ 1. 71

✗ 2. 95

✓ 3. 87

✗ 4. 65

Question ID : **26433067182**	
Status : **Answered**	
Chosen Option : **3**	

Q.6 Who is known as the father of Indian Census?

Ans ✗ 1. Thomas Jefferson

✓ 2. Henry Walter

✗ 3. Yuzo Morita

✗ 4. Chandra Sumsher Rana'

Question ID : **26433081921**	
Status : **Answered**	
Chosen Option : **1**	

Q.7 During whose reign was Devagiri renamed Daulatabad?

Ans ✓ 1. Muhammad-bin-Tughlaq

✗ 2. Akbar

✗ 3. Alauddin Khilji

✗ 4. Iltutmish

Question ID : **26433082061**	
Status : **Answered**	
Chosen Option : **1**	

Q.8 What is e-Sawaari that was launched by Niti Ayog in December 2021 in partnership with Convergence Energy Service Limited (CESL) and World Resources Institute, India (WRI India), and supported by Transformative Urban Mobility Initiative (TUMI)?

Ans ✗ 1. Portal for all information on electric vehicles

✗ 2. Mobile app for state run buses and Indian railways

✗ 3. Scheme for 100% electrification of broad gauge railway routes across India

✓ 4. Electric Bus Coalition for Accelerating deployment of e-buses in India

Question ID : **26433098855**	
Status : **Answered**	
Chosen Option : **4**	

Q.9 Henry Vivian Derozio is related to which of the following movement?

Ans ✗ 1. Barelvi Movement

✓ 2. Young Bengal Movement

✗ 3. Wahabi Movement

✗ 4. Ahmadiyya Movement

Question ID : **26433098497**	
Status : **Answered**	
Chosen Option : **2**	

Q.10 Sir Michael O' Dwyer was the Lieutenant Governor of Punjab when the Jallianwala Bagh massacre occurred in Amritsar in 1919. Who among the following killed him after 21 years of the incident?

Ans ✖ 1. Khudiram Bose

✔ 2. Sardar Udham Singh

✖ 3. Prafulla Chaki

✖ 4. Bhagat Singh

Question ID : 26433071417
Status : **Answered**
Chosen Option : **2**

Q.11 हरित क्रांति में 'हरित' शब्द _____ को संदर्भित करता है।

Ans ✖ 1. पैसे

✔ 2. फसलें

✖ 3. रंग

✖ 4. समृद्धि

Question ID : 26433054636
Status : **Answered**
Chosen Option : **2**

Q.12 According to the census of India 2011, correctly match the distribution of population in percentage along with different states. Choose the correct option.

	State		Distribution of population in percentage approximately
1	Andhra Pradesh	a	7
2	Maharashtra	b	9
3	Uttar Pradesh	c	16

Ans ✖ 1. 1 - a, 2 - c, 3 - b

✔ 2. 1 - a, 2 - b, 3 - c

✖ 3. 1 - b, 2 - a, 3 - c

✖ 4. 1 - c, 2 - b, 3 - a

Question ID : 26433082195
Status : **Answered**
Chosen Option : **2**

Q.13 Which of the following countries introduced world's first dual-mode vehicle that can run on roads and tracks?

Ans ✖ 1. United State of America

✖ 2. Germany

✔ 3. Japan

✖ 4. China

Question ID : 26433098854
Status : **Answered**
Chosen Option : **3**

Q.14 The 'e-Amrit' project launched by the Government of India in November 2021 is related to:

Ans ✗ 1. milk products

✗ 2. cereals and pulses

✓ 3. electric vehicles

✗ 4. forestation

Question ID : **26433082796**	
Status : **Marked For Review**	
Chosen Option : **1**	

Q.15 In which of the following places in India, the day temperature rises to 50° Celsius and drops down to near 15° Celsius the same night?

Ans ✗ 1. Thiruvananthapuram

✗ 2. Drass

✓ 3. Thar desert

✗ 4. Chennai

Question ID : **26433067160**	
Status : **Answered**	
Chosen Option : **3**	

Q.16 Which of the following does NOT include high powered money?

Ans ✗ 1. Cash reserves of bank

✗ 2. Other deposits of the RBI

✓ 3. Post office savings

✗ 4. Currency held by the public

Question ID : **26433054575**	
Status : **Answered**	
Chosen Option : **4**	

Q.17 Law of giving effect to fundamental rights can only be made by the _____.

Ans ✗ 1. High Court

✗ 2. President

✓ 3. Parliament

✗ 4. Supreme Court

Question ID : **26433055539**	
Status : **Answered**	
Chosen Option : **2**	

Q.18 Kailasanathar Temple is located in which of the following states of India?

Ans ✗ 1. Karnataka

✓ 2. Tamil Nadu

✗ 3. Odisha

✗ 4. Telangana

Question ID : **26433098488**	
Status : **Answered**	
Chosen Option : **2**	

Q.19 Which Indian political leader was awarded with Bhutan's highest civilian honour called the Order of the Druk Gyalpo in December 2021?

Ans ✗ 1. Arvind Kejriwal

✗ 2. Rahul Gandhi

✓ 3. Narendra Modi

✗ 4. Mamata Banerjee

Question ID : **26433074178**
Status : **Answered**
Chosen Option : **3**

Q.20 Mehtab Bagh is the part of the which of the following famous monuments of India?

Ans ✗ 1. Rashtrapati Bhavan

✗ 2. Humayun's Tomb

✓ 3. Taj Mahal

✗ 4. Bibi Ka Maqbara

Question ID : **26433098503**
Status : **Marked For Review**
Chosen Option : **2**

Section : **Part-B-General Science**

Q.1 The element having second highest electro negativity

Ans ✗ 1. Fluorine

✗ 2. Sulphur

✓ 3. Oxygen

✗ 4. Chlorine

Question ID : **26433098630**
Status : **Answered**
Chosen Option : **1**

Q.2 Identify the correct statement about detergents.
(I)Cationic detergents have germicidal properties and are expensive.
(II)Liquid dishwashing detergents are non-ionic type.
(III)Anionic detergents are also used in toothpastes.

Ans ✗ 1. I and III

✗ 2. I and II

✗ 3. II and III

✓ 4. I, II and III

Question ID : **26433098716**
Status : **Answered**
Chosen Option : **1**

Q.3 Which of the following is CORRECT regarding Ohms law

Ans ✗ 1. R = V

✓ 2. V α I

✗ 3. R α I

✗ 4. V = I

Question ID : **26433098512**
Status : **Answered**
Chosen Option : **2**

Q.4 Which of the following is a soapy liquid with large molecular size of the order of 10^{-9} m?

Ans ✗ 1. Palmitic acid

✗ 2. Stearic acid

✗ 3. Lauric acid

✓ 4. Oleic acid

Question ID : **26433098530**	
Status : **Answered**	
Chosen Option : **3**	

Q.5 Which of the following elements has the highest Conductivity at 298.15 K?

Ans ✗ 1. Gold

✗ 2. Iron

✓ 3. Copper

✗ 4. Sodium

Question ID : **26433098590**	
Status : **Answered**	
Chosen Option : **1**	

Q.6 A potential difference develops between the electrode and the electrolyte which is called

Ans ✓ 1. Electrode potential

✗ 2. Cell potential

✗ 3. Cell electromotive force

✗ 4. Standard electrode potential

Question ID : **26433098632**	
Status : **Answered**	
Chosen Option : **2**	

Q.7 Who among the following was the first to obtain reliable estimates of molecular parameters from measurable quantities?

Ans ✓ 1. James Clerk Maxwell

✗ 2. Ludwig Boltzmann

✗ 3. John Dalton

✗ 4. Amedeo Avogadro

Question ID : **26433098674**	
Status : **Answered**	
Chosen Option : **4**	

Q.8 Which of these models resembles the solar system in which the nucleus plays the role of sun and the electrons that of revolving planets?

Ans ✗ 1. Röentgen Model of Atom

✗ 2. Thomson Model of Atom

✗ 3. Bohr's Model of Atom

✓ 4. Rutherford's Nuclear Model of Atom

Question ID : **26433098693**	
Status : **Answered**	
Chosen Option : **3**	

Q.9 The acceleration of a body moving in a circle of radius R with uniform speed v is v^2/R directed towards the centre. Then according to which law, the force f_c providing this acceleration is $f_c = mv^2 / R$

Ans ✗ 1. First law of motion

✗ 2. Third law of motion

✗ 3. Law of Gravitation

✓ 4. Second law of motion

Question ID : **26433098573**
Status : **Answered**
Chosen Option : **2**

Q.10 Fill in the blanks with suitable words:
'The resistance R not only depends on the _____ of the conductor but also on the _____ of the conductor.'

Ans ✗ 1. Size, quality

✗ 2. Material, conductivity

✓ 3. Material, dimensions

✗ 4. Shape, dimensions

Question ID : **26433098685**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following drug was designed to prevent the interaction of histamine with the receptors present in the stomach wall?

Ans ✗ 1. Ranitidine

✓ 2. Cimetidine

✗ 3. Terfenadine

✗ 4. Histamine

Question ID : **26433098517**
Status : **Answered**
Chosen Option : **1**

Q.12 Who among the following concluded that an object moving on a frictionless horizontal plane must neither have acceleration nor retardation, i.e., it should move with constant velocity?

Ans ✗ 1. Thomson

✗ 2. Einstein

✗ 3. Newton

✓ 4. Galileo

Question ID : **26433098506**
Status : **Answered**
Chosen Option : **3**

Q.13 A choice of change of different units _____ the number of significant digits or figures in a measurement.

Ans ✗ 1. None

✗ 2. May or May not change

✗ 3. Changes

✓ 4. Does not change

Question ID : **26433098664**

Status : **Answered**

Chosen Option : **2**

Q.14 In which of the two places in India, a magnetic needle shows the true north quite accurately?

Ans ✓ 1. Delhi and Mumbai

✗ 2. Kolkata and Delhi

✗ 3. Mumbai and Kolkata

✗ 4. Delhi and Chennai

Question ID : **26433098558**

Status : **Answered**

Chosen Option : **3**

Q.15 Which of the following quantity's dimension is [MLT^{-1}]

Ans ✗ 1. Force.

✗ 2. Static friction.

✓ 3. Momentum.

✗ 4. Kinetic friction.

Question ID : **26433098507**

Status : **Answered**

Chosen Option : **1**

Q.16 A superconductor repels a magnet and is repelled by the magnet. The phenomenon of perfect diamagnetism in superconductor is called

Ans ✗ 1. Lenz's law

✗ 2. None

✓ 3. Meissner effect

✗ 4. Both A and B

Question ID : **26433098646**

Status : **Answered**

Chosen Option : **1**

Q.17 Which of the following is NOT used in antiseptics?

Ans ✗ 1. Furacine

✓ 2. Veronal

✗ 3. Terpineol

✗ 4. Iodine

Question ID : **26433098584**

Status : **Answered**

Chosen Option : **1**

Q.18 Which of the following suggested that the smallest constituent of gases like hydrogen, oxygen and nitrogen are not atoms but diatomic molecules?

Ans ✖ 1. James Clerk Maxwell

✖ 2. Ludwig Boltzmann

✖ 3. John Dalton

✔ 4. Amedeo Avogadro

Question ID : **26433098699**
Status : **Answered**
Chosen Option : **1**

Q.19 Which of the following is INCORRECT about gravitational force?

Ans ✖ 1. Directly proportional to product of point masses

✖ 2. Always attractive in nature

✖ 3. Inversely proportional to square of distance between point masses

✔ 4. It depends on surrounding

Question ID : **26433098662**
Status : **Answered**
Chosen Option : **4**

Q.20 What is the Value of gravitational constant?

Ans ✖ 1. $G = 6.67 \times 10^{12}$ N m^2/kg^2

✖ 2. $G = 6.67 \times 10^{-12}$ N m^2/kg^2

✔ 3. $G = 6.67 \times 10^{-11}$ N m^2/kg^2

✖ 4. $G = 6.67 \times 10^{11}$ N m^2/kg^2

Question ID : **26433098617**
Status : **Answered**
Chosen Option : **1**

Q.21 _____ is the vertical plane which passes through the imaginary line joining the magnetic north and south poles.

Ans ✖ 1. Geographic meridian

✖ 2. Inclination

✖ 3. Declination

✔ 4. Magnetic meridian

Question ID : **26433098624**
Status : **Answered**
Chosen Option : **1**

Q.22 Given are the statements about fuel cells. Identify the correct statements.
(I)Fuel cells convert the energy of combustion of fuels like hydrogen, methane, methanol, etc. directly into electrical energy.
(II)Fuel cells produce electricity with an efficiency of about 70 % compared to thermal plants whose efficiency is about 40%.
(III)There has been tremendous progress in the development of new electrode materials, better catalysts and electrolytes for increasing the efficiency of fuel cells.
(IV)Only problem with fuel cells are that these are not pollution free.

Ans ✗ 1. I, II, III and IV

  ✗ 2. I and III

  ✓ 3. I, II and III

  ✗ 4. II and IV

Question ID : 26433098698
Status : **Answered**
Chosen Option : **3**

Q.23 Size of atom is

Ans ✗ 1. 1.2×10^{10} m in radius

  ✓ 2. 1.2×10^{-10} m in radius

  ✗ 3. 2.2×10^{-15} m in radius

  ✗ 4. 2.2×10^{-10} m in radius

Question ID : 26433098609
Status : **Answered**
Chosen Option : **2**

Q.24 _____ are those errors that tend to be in one direction, either positive or negative.

Ans ✗ 1. Random error

  ✓ 2. Systematic error

  ✗ 3. Instrumental error

  ✗ 4. Personal error

Question ID : 26433098644
Status : **Answered**
Chosen Option : **3**

Q.25 Which of the following statement is NOT correct regarding drugs?

Ans ✗ 1. Birth control pills essentially contain a mixture of synthetic estrogen and progesterone derivatives

  ✗ 2. Disinfectants are applied to inanimate objects such as floors, drainage system, instruments, etc.

  ✗ 3. Norethindrone is an example of synthetic progesterone derivative most widely used as antifertility drug.

  ✓ 4. Chlorine in the concentration of 0.2 to 0.4 ppm in aqueous solution and sulphur dioxide in very low concentrations, are analgesics.

Question ID : 26433098690
Status : **Answered**
Chosen Option : **2**

Section : **Part-C-Mathematics**

Q.1 A man invested Rs.96,000 at the rate of 20% per annum, compounded half-yearly for 1 year. What would be 80% of the amount (in Rs.) which he will get on maturity?

Ans ✗ 1. 98,922

✔ 2. 92,928

✗ 3. 1,09,856

✗ 4. 1,16,160

Q.2 If triangle ABC is congruent to triangle DEF, then EF= _____.

Ans ✗ 1. 9

✗ 2. 5

✔ 3. 6

✗ 4. 4
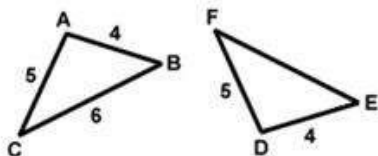
Q.3 Two concentric circles are of radius 12 cm and r cm, respectively, where r > 12 cm. A chord of the larger circle of length 32 cm touches the smaller circle. Find the radius r?

Ans ✗ 1. 12 cm

✔ 2. 20 cm

✗ 3. 18 cm

✗ 4. 16 cm

Q.4 The average of five consecutive even numbers is 66. Find the difference between the highest and the lowest numbers.

Ans ✔ 1. 8

✗ 2. 10

✗ 3. 6

✗ 4. 4

Q.5 In a manufacturing plant, Jack, Smith and Annie can do a job of manufacturing plates in 15, 20 and 30 days, respectively. In how many days can they finish the work together?

Ans

✖ 1. 20 days

✖ 2. 7 days

✔ 3. $\frac{20}{3}$ days

✖ 4. $\frac{16}{5}$ days

Q.6 In the given figure, AB is the diameter of a circle with center O and AT is a tangent if ∠AOQ = 68°, then what is ∠ATQ ?
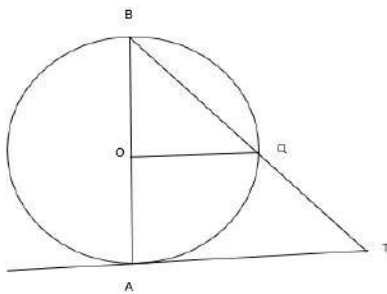
Ans

✖ 1. 65°

✖ 2. 62°

✔ 3. 56°

✖ 4. 51°

Q.7 Ramesh sold his bike for ₹16,384 and incurred a loss of 20%. At what price should he have sold the bike to gain a profit of 30%?

Ans

✖ 1. ₹27,824

✖ 2. ₹26,724

✔ 3. ₹26,624

✖ 4. ₹26,800

Q.8

$$\frac{1 - \frac{5}{8} \div \frac{24}{63} \times \frac{24}{63}}{1 + \frac{3}{8} \div \frac{23}{81} \times \frac{23}{81}} = ?$$

Ans

✗ 1. $\frac{4}{11}$

✗ 2. $\frac{9}{11}$

✗ 3. $\frac{2}{11}$

✓ 4. $\frac{3}{11}$

Question ID : **26433061054**

Status : **Answered**

Chosen Option : **4**

Q.9 If the solution of the pair of equations :

$5x - 6y = 57$ and $7x - 4y = 49$ is also a solution of the equation $4x + my = 19$, then what is the value of m?

Ans

✗ 1. -2

✗ 2. 1

✓ 3. -1

✗ 4. 3

Question ID : **26433098477**

Status : **Answered**

Chosen Option : **3**

Q.10 Among 18 members of a cricket club, there are 2 wicketkeepers and 5 bowlers. In how many ways can a team of 11 players be selected to include only one of the wicketkeeper and atleast three bowlers?

Ans

✗ 1. 7524

✗ 2. 11682

✓ 3. 12144

✗ 4. 11220

Question ID : **26433098444**

Status : **Answered**

Chosen Option : **2**

Q.11 A can do a work in 8 days and B in 12 days. If they work together on it for 3 days, then the fraction of the work that is left is:

Ans

✗ 1. $\frac{8}{3}$

✗ 2. $\frac{7}{8}$

✓ 3. $\frac{3}{8}$

✗ 4. $\frac{5}{8}$

Question ID : **26433064031**

Status : **Answered**

Chosen Option : **3**

Q.12 In a room, there are some children and some benches. If 5 children sit on each bench, 2 children will have no bench to sit on. If 6 children sit on each bench, then one bench remains unoccupied. What is the sum of the number of children and the number of benches?

Ans ✘ 1. 52

   ✔ 2. 50

   ✘ 3. 49

   ✘ 4. 53

Q.13 A person P purchases a washing machine for Rs.22,000 cash or for Rs.9,000 cash down payment and two monthly instalments of Rs.8,000 each. The rate of the simple interest is:

Ans ✘ 1. 215%

   ✘ 2. 240%

   ✘ 3. 250%

   ✔ 4. 200%

Q.14 Find the value of $2\cosec^2 23° \cot^2 67° - \sin^2 23° - \sin^2 67° - \cot^2 67°$.

Ans ✔ 1. $\sec^2 23°$

   ✘ 2. 1

   ✘ 3. $\tan^2 23°$

   ✘ 4. 0

Q.15 If $\dfrac{y^2-1}{y} = 6$, then the value of $\dfrac{y^6-1}{y^3}$ will be:

Ans ✔ 1. 234

   ✘ 2. 220

   ✘ 3. 254

   ✘ 4. 184

Q.16 The list price of an article is Rs.1,200. If it is available on a discount series of 10%, 8% and 5%, the selling price of the article is:

Ans ✗ 1. Rs.812.76

✔ 2. Rs.943.92

✗ 3. Rs.1,080.00

✗ 4. Rs.993.60

	Question ID : **26433063872**
	Status : **Answered**
	Chosen Option : **2**

Q.17 Simplify the following expression.

$$\frac{1243 \times 1243 - 928 \times 928}{315}$$

Ans ✔ 1. 2171

✗ 2. 928

✗ 3. 1243

✗ 4. 315

	Question ID : **26433080274**
	Status : **Answered**
	Chosen Option : **1**

Q.18 The price of an A.C. is first increased by 16%, and later on, the price is decreased by 22% due to reduction in sales. Find the net percentage change in final price of the A.C.

Ans ✗ 1. Decrease of 19.25%

✔ 2. Decrease of 9.52%

✗ 3. Increase of 9.52%

✗ 4. Increase of 19.25%

	Question ID : **26433063684**
	Status : **Answered**
	Chosen Option : **2**

Q.19 The radius of a roller is 56 cm and its length is 240 cm. It takes 875 complete revolutions to move once over to the level of a playground. Find the area of the playground.

Ans ✔ 1. 7392 m^2

✗ 2. 8400 m^2

✗ 3. 6389 m^2

✗ 4. 7650 m^2

	Question ID : **26433061291**
	Status : **Answered**
	Chosen Option : **4**

Q.20 Two trains start at the same time from stations P and Q, 1800 km apart, and proceed towards each other at an average speed of 108 km/h and 92km/h, respectively. The trains will meet at:

Ans ✗ 1. 828 km from station P

✗ 2. 972 km from station Q

✗ 3. 540 km from Station Q

✔ 4. 972 km from station P

Question ID : **26433062648**

Status : **Answered**

Chosen Option : **4**

Q.21 In △ABC, LB = 90° and BD ⊥ AC. If AC = 9 cm and AD = 3 cm, then BD is equal to:

Ans ✗ 1. $2\sqrt{3}$ cm

✗ 2. $3\sqrt{3}$ cm

✗ 3. $2\sqrt{2}$ cm

✔ 4. $3\sqrt{2}$ cm

Question ID : **26433079784**

Status : **Answered**

Chosen Option : **4**

Q.22 A radii of the bases of the two cylinders are in the ratio 5 : 7 and their height are in the ratio 3 : 5. Find the ratio of their curved surface areas.

Ans ✗ 1. 9 : 8

✗ 2. 2 : 7

✗ 3. 3 : 5

✔ 4. 3 : 7

Question ID : **26433061290**

Status : **Answered**

Chosen Option : **4**

Q.23 The following table shows the marks of students A, B, C, D and E in three subjects out of 100 each.

Name	English	Maths	Science
A	65	68	69
B	76	74	72
C	68	72	71
D	66	73	71
E	77	78	78

Which of the following students obtained the highest marks in aggregate?

Ans ✗ 1. C

✗ 2. D

✔ 3. E

✗ 4. B

Question ID : **26433075083**

Status : **Answered**

Chosen Option : **3**

Q.24 Ram, Shyam and Ghanshyam have ₹32, ₹46 and ₹50, respectively, with them. Their mother asks them to give her equal amounts so that the money held by them now are in continued proportion. Find the amount taken from each of them.

Ans   ✗ 1. ₹91.36

   ✗ 2. ₹51.78

   ✗ 3. ₹91.78

   ✓ 4. ₹51.60

Q.25 If $(3x + 4y)(5x - 6y) = ax^2 + 2hxy + by^2$, then what is the value of $(4a - h + 2b)$?

Ans   ✗ 1. 13

   ✗ 2. 107

   ✗ 3. 108

   ✓ 4. 11

Section : **Part-D-Reasoning**

Q.1 In a certain code language, 'AIR' is written as '84', and 'CHAIR' is written as '195'. How will 'LAND' be written in that language?

Ans   ✓ 1. 124

   ✗ 2. 128

   ✗ 3. 120

   ✗ 4. 132

Q.2 Which of the following numbers will replace the question mark (?) in the given series?
5, 7, 12, 19, ?, 50

Ans   ✗ 1. 30

   ✗ 2. 29

   ✓ 3. 31

   ✗ 4. 34

Q.3 Select the figure from among the given options that can replace the question mark (?) in the following series.

T	□	M	B	
□ A B	M ☆ T	B # □	T ⇧ M	?
M	B	T	□	

Ans

✗ 1.

```
    M
B   ●   □
    T
```

✗ 2.

```
    T
□   ●   M
    B
```

✗ 3.

```
    T
□   ⇧   B
    M
```

✔ 4.

```
    T
□   ●   B
    M
```
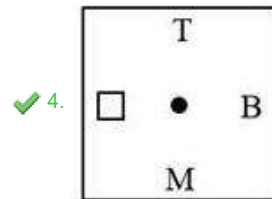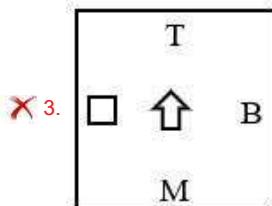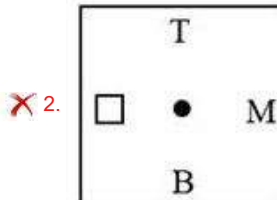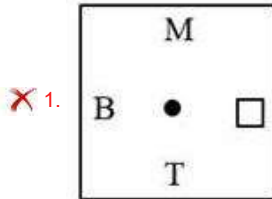
Q.4 'A % B' means 'A is the husband of B'.
'A & B' means 'A is the daughter of B'.
'A @ B' means 'A is the wife of B'.
'A # B' means 'A is the father of B'.
If P @ Q # B % Y & C @ E, then how is B related to E?

Ans   ✗ 1. Father-in-law

✗ 2. Mother

✔ 3. Son-in-law

✗ 4. Father

Q.5 A paper is folded and cut as shown below. How will it appear when unfolded?

Ans

1. ✔

2. ✘

3. ✘

4. ✘
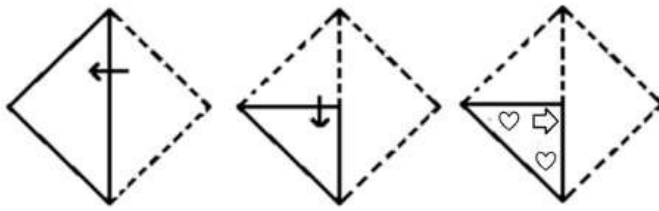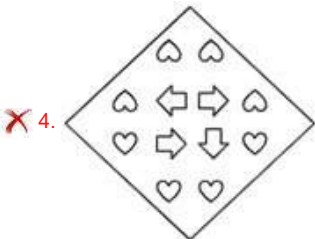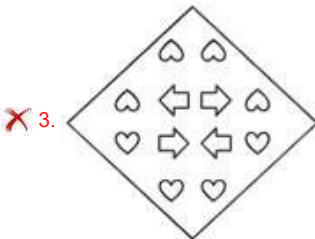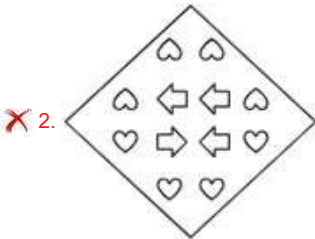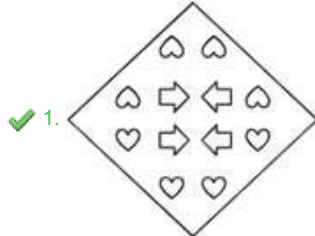
Q.6 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

g e l a _ _ _ k _ e _ a r x t k g e l _ r _ t _

Ans ✘ 1. rxxgalkt

✘ 2. rxglaxkt

✔ 3. rxtglaxk

✘ 4. rxlgaxkt

Q.7 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

37 * 23 * 15 * (64 * 4) * 5 * 125

Ans ✗ 1. ×, +, −, =, +, ÷

✗ 2. ÷, +, =, +, −, ×

✗ 3. ÷, −, +, −, ×, =

✓ 4. +, −, +, ÷, ×, =

Question ID : **26433057645**

Status : **Answered**

Chosen Option : **4**

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some mountains are lakes.
Some lakes are fountains.
All fountains are cars.

Conclusions:
I. Some cars are lakes.
II. Some cars are mountains.
III. Some fountains are mountains.

Ans ✗ 1. Only conclusion II follows

✗ 2. Only conclusion III follows

✓ 3. Only conclusion I follows

✗ 4. None of the conclusions follow

Question ID : **26433068544**

Status : **Answered**

Chosen Option : **3**

Q.9 Six students are sitting around a circular table facing the centre. Tulsi is sitting second to the right of Lata. Tulsi is an immediate neighbour of both Devi and Jaya. Amar is sitting second to the right of Tulsi. Amar is an immediate neighbour of both Manu and Jaya. Who is sitting between Amar and Lata?

Ans ✗ 1. Jaya

✗ 2. Tulsi

✓ 3. Manu

✗ 4. Devi

Question ID : **26433055675**

Status : **Answered**

Chosen Option : **3**

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some umbrellas are mobiles.
Some mobiles are pens.
Some pens are erasers.

Conclusions:
I. Some erasers are mobiles.
II. Some pens are umbrellas.
III. Some erasers are umbrellas.

Ans ✔ 1. None of the conclusions follow

✖ 2. Only conclusion I follows

✖ 3. Only conclusion II follows

✖ 4. Only conclusion III follows

Question ID : **26433068545**
Status : **Answered**
Chosen Option : **1**

Q.11 There are five friends Annie, Babila, Charu, Diksha, Era. Annie is taller than Babila but not taller than Charu. Charu and Diksha are of the same height. Annie is shorter than Era. Who is shortest amongst all?

Ans ✖ 1. Era

✖ 2. Annie

✔ 3. Babila

✖ 4. Diksha

Question ID : **26433056547**
Status : **Answered**
Chosen Option : **3**

Q.12 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)
(12, 71, 3408)
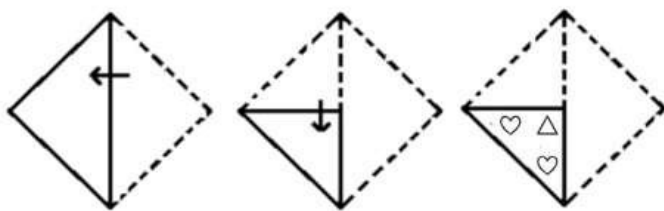(3, 18, 216)

Ans ✖ 1. (13, 5, 455)

✔ 2. (9, 18, 648)
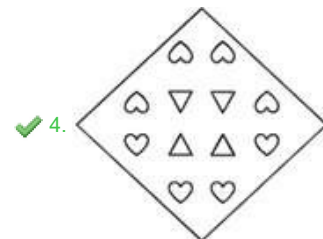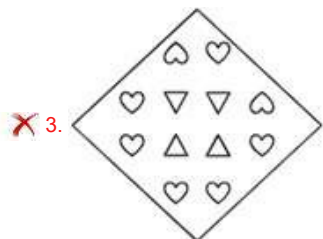
✖ 3. (41, 1148, 7)
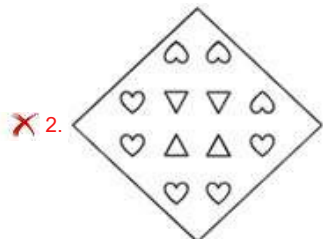
✖ 4. (23, 15, 345)

Question ID : **26433056500**
Status : **Answered**
Chosen Option : **1**

Q.13 A paper is folded and cut as shown below. How will it appear when unfolded?

Ans

✗ 1.

✗ 2.

✗ 3.
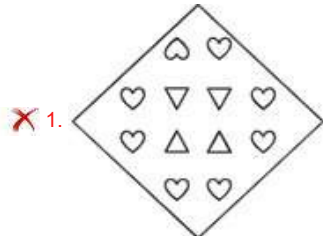
✔ 4.

Q.14 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

$(\sqrt{289} * 2) * 64 * (96 * 4) * 6$

Ans ✗ 1. ÷, =, +, +, −

✗ 2. ×, +, =, +, ÷

✔ 3. ×, =, −, ÷, −

✗ 4. −, ×, =, −, ÷

Q.15 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Logwood
2. Logarithm
3. Logically
4. Logophile
5. Logistic
6. Logotype

Ans　✘ 1. 2, 5, 3, 4, 6, 1

　　　✔ 2. 2, 3, 5, 4, 6, 1

　　　✘ 3. 2, 5, 3, 6, 1, 4

　　　✘ 4. 2, 3, 5, 1, 4, 6

Question ID : **26433098354**
Status : **Answered**
Chosen Option : **2**

Q.16 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing 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 at the extreme left?

Ans　✘ 1. F

　　　✘ 2. G

　　　✘ 3. E

　　　✔ 4. A

Question ID : **26433055896**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
_ O N _ O _ L O _ D _ _ L _ N _ O N _ _ N D _ N

Ans　✔ 1. LDNNONODLOO

　　　✘ 2. NONODOLOLDN

　　　✘ 3. LDNONNNOOLD

　　　✘ 4. NONDOOLOODL

Question ID : **26433056393**
Status : **Answered**
Chosen Option : **1**

Q.18 In a certain code language, 'PIGEON' is written as 'OPFHJQ' and 'TURKEY' is written as 'ZFLSVU'.How will 'PARROT' be written in that language?
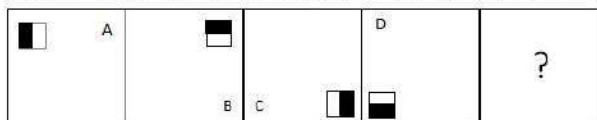
Ans　✘ 1. UPSTCQ

　　　✔ 2. UPSSBQ

　　　✘ 3. VPSTBQ

　　　✘ 4. VQSTCQ

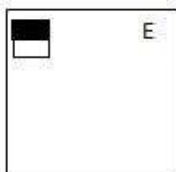Question ID : **26433098347**
Status : **Answered**
Chosen Option : **2**

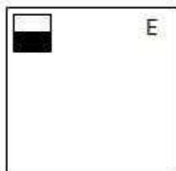**Q.19** Select the figure that will come in place of the question mark (?) in the following figure series.
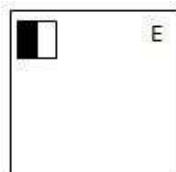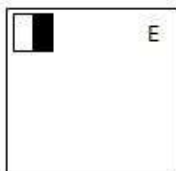

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : 26433056957
Status : **Answered**
Chosen Option : **3**

Q.20 If
'M = N' means 'M is the father of N',
'M # N' means 'M is the sister's son 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 brother of N',
then how is A related to C in the following expression?
A # L = K & P @ C = B

Ans ✗ 1. Sibling

✗ 2. Sister-in-law

✗ 3. Maternal aunt

✔ 4. Paternal cousin

Question ID : 26433098332
Status : **Answered**
Chosen Option : **4**

Section : **Part-E- Computer Fundamentals**

Q.1 In MS-Excel 2010, a _____ is at the bottom, where various information about the current mode or any special keys that are engaged can be seen.

Ans ✗ 1. Task bar

✗ 2. Title bar

✓ 3. Status bar

✗ 4. Tool bar

Question ID : **26433098369**
Status : **Answered**
Chosen Option : **3**

Q.2 Cc in an email stand for :

Ans ✗ 1. Copy Carbon

✓ 2. Carbon Copy

✗ 3. Copy Column

✗ 4. Column Copy

Question ID : **26433098376**
Status : **Answered**
Chosen Option : **2**

Q.3 The _____ shortcut key is used to select the entire row in MS-Excel 2010.

Ans ✗ 1. Alt + Spacebar

✗ 2. Ctrl + Alt + Spacebar

✓ 3. Shift + Spacebar

✗ 4. Ctrl + Spacebar

Question ID : **26433098379**
Status : **Answered**
Chosen Option : **3**

Q.4 _____ is not a search engine.

Ans ✗ 1. Google

✗ 2. Yandex

✓ 3. Gmail

✗ 4. Bing

Question ID : **26433098387**
Status : **Answered**
Chosen Option : **3**

Q.5 Which of the following built-in function is used to generate random text when creating a MS-Word 2010 document, template for mockup?

Ans
- ✗ 1. CREATE
- ✗ 2. RANDOM
- ✗ 3. GENERATE
- ✓ 4. RAND

Question ID : 26433098415
Status : **Answered**
Chosen Option : **4**

Q.6 Bing search engine is owned by _____.

Ans
- ✗ 1. Amazon
- ✓ 2. Microsoft
- ✗ 3. Google
- ✗ 4. Yahoo

Question ID : 26433098388
Status : **Answered**
Chosen Option : **4**

Q.7 In MS-Excel 2010, which of the following shortcut is used to open the delete dialog box to deleted selected cells?

Ans
- ✓ 1. Ctrl + '-'
- ✗ 2. Shift + '-'
- ✗ 3. F4
- ✗ 4. Alt + '-'

Question ID : 26433098371
Status : **Marked For Review**
Chosen Option : **1**

Q.8 Which of the following text formatting task is achieved with the help of keyboard shortcut 'Ctrl + E' in MS-Word 2010?

Ans
- ✗ 1. Justify
- ✗ 2. Align Right
- ✗ 3. Align Left
- ✓ 4. Align Center

Question ID : 26433098424
Status : **Answered**
Chosen Option : **4**

Q.9 In MS-Excel 2010, if value in cell A3 is 300, value in cell B3 is 225, value in cell C3 is 180, D3 value in cell is 350 and value in cell E3 is 400 then the formula '=AVERAGE(A3,B3,C3,D3,E3)' in cell F3 will give value as _____.

Ans
- ✗ 1. 297
- ✓ 2. 291
- ✗ 3. 292
- ✗ 4. 290

Question ID : 26433098361
Status : **Answered**
Chosen Option : **2**

Q.10 To reverse the changes done in MS-Excel 2010 sheet, _____ is used.

Ans ✗ 1. Ctrl + V

✗ 2. Ctrl + O

✓ 3. Ctrl + Z

✗ 4. Ctrl + X

Question ID : **26433098400**
Status : **Answered**
Chosen Option : **3**