Head Constable AWO TPO in Delhi Police Examination 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	27/10/2022
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 According to Niti Aayog's Multidimensional Poverty Index (MPI) 2021, which state of India has the lowest percentage of population below poverty line?

Ans   ✗ 1. Goa

     ✗ 2. Tamil Nadu

     ✓ 3. Kerala

     ✗ 4. Punjab

> Question ID : **26433081922**
> Status : **Answered**
> Chosen Option : **3**

Q.2 Which of the following statements is NOT true about Stupa?

Ans   ✗ 1. It means 'mound', whether round and tall, big and small

     ✗ 2. This may contain things used by the Buddha or his followers

     ✗ 3. This may contain bodily remains of the Buddha or his followers

     ✓ 4. It is a holy place related with Jainism

> Question ID : **26433054226**
> Status : **Answered**
> Chosen Option : **4**

Q.3 Which training platform developed in 2018 by trauma surgeon Dr. Alex Young provided remote educational programmes around the world skills like the right way to wear personal protective equipment, administer treatment or ventilate a patient during COVID-19?

Ans   ✓ 1. VIRTI

     ✗ 2. DOCEBO

     ✗ 3. CARM

     ✗ 4. 360 learning

> Question ID : **26433098833**
> Status : **Answered**
> Chosen Option : **4**

Q.4 भारतीय संविधान का कौन सा अनुच्छेद गिरफ्तार किए गए या हिरासत में लिए गए व्यक्तियों को संरक्षण प्रदान करता है?

Ans ✗ 1. अनुच्छेद 21

✓ 2. अनुच्छेद 22

✗ 3. अनुच्छेद 23

✗ 4. अनुच्छेद 20

Question ID : **26433064706**
Status : **Answered**
Chosen Option : **1**

Q.5 निम्नलिखित में से किस भारतीय शास्त्रीय नृत्य को 'एकाहार्य' के रूप में जाना जाता है?

Ans ✗ 1. कथक

✗ 2. कथकली

✗ 3. मणिपुरी

✓ 4. भरतनाट्यम

Question ID : **26433072625**
Status : **Answered**
Chosen Option : **3**

Q.6 Which of the following leaders declared the creation of the People's Republic of China (PRC) in 1949?

Ans ✓ 1. Mao Zedong

✗ 2. Yang Shangkun

✗ 3. Liu Shaoqi

✗ 4. Xi Jinping

Question ID : **26433098487**
Status : **Answered**
Chosen Option : **2**

Q.7 निम्नलिखित में से किसे इंडिया टुडे द्वारा जनवरी 2022 में सबसे लोकप्रिय मुख्यमंत्री के रूप में चुना गया है?

Ans ✗ 1. अरविंद केजरीवाल

✓ 2. नवीन पटनायक

✗ 3. ममता बनर्जी

✗ 4. योगी आदित्यनाथ

Question ID : **26433074172**
Status : **Answered**
Chosen Option : **1**

Q.8 What is a transfer income?

Ans ✗ 1. Earned income

✗ 2. Public income

✗ 3. Disposable income

✓ 4. Unearned income

Question ID : **26433054582**
Status : **Answered**
Chosen Option : **4**

Q.9 Which of the following two rivers make 'estuaries'?
a) Narmada
b) Krishna
c) Cauvery
d) Tapi

Ans ✗ 1. b - c

✓ 2. d - a

✗ 3. c - d

✗ 4. a - b

Q.10 भूमि उपयोग अभिलेख (भारत में) _____ द्वारा तैयार किए जाते हैं।

Ans ✓ 1. भू-राजस्व विभाग

✗ 2. गृह मंत्रालय

✗ 3. कृषि विभाग

✗ 4. ग्रामीण विकास मंत्रालय

Q.11 Which of the following is NOT a part of the Green Revolution?

Ans ✗ 1. Use of chemical fertilisers

✓ 2. Abolition of intermediaries

✗ 3. Use of multiple cropping

✗ 4. Mechanised means of cultivation

Q.12 The National population register was created under the provision of _____ and
_____.
a) Citizen Act 1965
b) Citizenship Rules 2004
c) Citizenship Act 1955
d) Citizenship Rules 2003

Ans ✗ 1. a - b

✗ 2. a - c

✓ 3. c - d

✗ 4. b - d

Q.13 From which of the following countries the Asia Cup 2022 was shifted out to the United Arab Emirates?

Ans
✗ 1. India

✓ 2. Sri Lanka

✗ 3. Bangladesh

✗ 4. Pakistan

Question ID : **26433098491**
Status : **Answered**
Chosen Option : **2**

Q.14 Which of the following is a religious festival?

Ans
✓ 1. Gangaur

✗ 2. Children's Day

✗ 3. Camel Festival

✗ 4. Teachers' Day

Question ID : **26433054221**
Status : **Answered**
Chosen Option : **1**

Q.15 जब सरकार उत्पादन इकाइयों को सरकार द्वारा निर्धारित कम कीमतों पर अपने उत्पाद बेचने के लिए वित्तीय सहायता देती है, तो इसे क्या कहा जाता है?

Ans
✗ 1. कर में छूट

✗ 2. न्यूनतम समर्थन मूल्य

✓ 3. सब्सिडी

✗ 4. छूट

Question ID : **26433054584**
Status : **Answered**
Chosen Option : **3**

Q.16 In the month of September 2022, the Prime Minister of which of the following countries visited the dargah of Khwaja Moinuddin Chisti at Ajmer?

Ans
✗ 1. Egypt

✓ 2. Bangladesh

✗ 3. Turkey

✗ 4. Pakistan

Question ID : **26433098481**
Status : **Answered**
Chosen Option : **1**

Q.17 Which state celebrated the 44th Kokborok Day?

Ans
✓ 1. Tripura

✗ 2. Nagaland

✗ 3. Mizoram

✗ 4. Assam

Question ID : **26433079532**
Status : **Answered**
Chosen Option : **1**

Q.18 अक्टूबर 2021 में, विश्व स्वास्थ्य संगठन (WHO) ने उप-सहारा अफ्रीका में और अन्य क्षेत्रों में प्लैज्मोडियम फैल्सीपेरम के कारण होने वाले किस रोग के मध्यम से उच्च संचरण वाले जोखिम वाले बच्चों के लिए RTS,S/AS01 (RTS,S) के उपयोग की अनुशंसा की?

Ans
✗ 1. पीतज्वर

✗ 2. काला अजार

✓ 3. मलेरिया

✗ 4. पोलियो

Question ID : 26433098840
Status : **Answered**
Chosen Option : **3**

Q.19 Which is the first tomb of the Mughal period to have two domes?

Ans
✗ 1. Akbar Tomb

✗ 2. Jahangir Tomb

✓ 3. Humayun Tomb

✗ 4. Babur Tomb

Question ID : 26433064398
Status : **Answered**
Chosen Option : **3**

Q.20 मुगल केंद्रीय प्रशासन के तहत "बख्शी" की क्या भूमिका थी?

Ans
✓ 1. वह मनसबदारों द्वारा सशस्त्र टुकड़ियों की स्वीकृत संख्या और युद्ध उपकरणों के उचित रखरखाव पर कड़ी निगरानी रखने के लिए जिम्मेदार होता था।

✗ 2. उसके पास अन्य सभी पदों और प्रशासन के अधिकारियों को भत्ते और वजीफा वितरित करने का असीमित अधिकार था।

✗ 3. वह मुख्य कार्यकारी अधिकारी होता था जो शाही घराने के लिए सभी प्रकार की वस्तुओं की खरीद और उनके भंडारण के लिए जिम्मेदार था।

✗ 4. वह राजस्व और वित्त के लिए जिम्मेदार होता था और उसका प्राथमिक कर्तव्य शाही खजाने की निगरानी करना और सभी खातों की जांच करना था।

Question ID : 26433098850
Status : **Answered**
Chosen Option : **4**

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

Q.1 _____ is the fraction 1/273.16 of the thermodynamic dynamic temperature of the triple point of water.

Ans
✓ 1. Kelvin

✗ 2. Celsius

✗ 3. Fahrenheit

✗ 4. Candela

Question ID : 26433098682
Status : **Answered**
Chosen Option : **1**

Q.2 **Which of the following metal is in liquid state at room temperature?**

Ans ✔ 1. Mercury

✘ 2. Potassium

✘ 3. Iron

✘ 4. Calcium

Question ID : **26433098610**
Status : **Answered**
Chosen Option : **2**

Q.3 **Spontaneous processes of nature are _____**

Ans ✘ 1. Reversible

✔ 2. Irreversible

✘ 3. System and surrounding returns to original state.

✘ 4. Always slow

Question ID : **26433098635**
Status : **Answered**
Chosen Option : **1**

Q.4 **Why does group 15 elements have greater ionization enthalpy than group 16 elements?**

Ans ✘ 1. All of the above

✔ 2. They have extra stable half-filled p orbital

✘ 3. Greater nuclear attraction

✘ 4. They are smaller in size

Question ID : **26433098629**
Status : **Answered**
Chosen Option : **1**

Q.5 **Which of the following is arranged in decreasing order of ionic mobility?**

Ans ✘ 1. $I^- \rightarrow Br^- \rightarrow cl^- \rightarrow F^-$

✘ 2. $F^- \rightarrow Cl^- \rightarrow I^- \rightarrow Br^-$

✔ 3. $F^- \rightarrow cl^- \rightarrow Br^- \rightarrow I^-$

✘ 4. $F^- \rightarrow I^- \rightarrow cl^- \rightarrow Br^-$

Question ID : **26433098611**
Status : **Answered**
Chosen Option : **2**

Q.6 **Which of the following ferromagnetic materials has the highest Curie Temperature?**

Ans ✔ 1. Cobalt

✘ 2. Gadolinium

✘ 3. Iron

✘ 4. Nickel

Question ID : **26433098582**
Status : **Answered**
Chosen Option : **2**

Q.7 In which year Ohm's law was discovered?

Ans ✓ 1. 1828

✗ 2. 1838

✗ 3. 1858

✗ 4. 1848

Question ID : **26433098684**
Status : **Answered**
Chosen Option : **2**

Q.8 Which of the following electrolytes are known as 1-1, 2-1 and 2-2 electrolytes respectively?

Ans ✓ 1. $NaCl$, $CaCl_2$ and $MgSO_4$

✗ 2. $CaCl_2$, $NaCl$ and $MgSO_4$

✗ 3. $MgSO_4$, $NaCl$ and $CaCl_2$

✗ 4. $CaCl_2$, $MgSO_4$ and $NaCl$

Question ID : **26433098569**
Status : **Answered**
Chosen Option : **1**

Q.9 Dimension of mass density is

Ans ✗ 1. $[M^0 \, L \, T^{-1}]$

✗ 2. $[M^0 \, L^3 \, T^0]$

✓ 3. $[M \, L^{-3} \, T^0]$

✗ 4. $[M \, L \, T^{-2}]$

Question ID : **26433098596**
Status : **Answered**
Chosen Option : **4**

Q.10 Identify the CORRECT statement about system of units.

Ans ✗ 1. The CGS units have well defined and internationally accepted unit symbols (such as m for metre, kg for kilogram, s for second, A for ampere, N for newton etc.).

✗ 2. Certain fundamental units are expressed by means of SI units with special names (such as joule, newton, watt, etc).

✗ 3. The MKS based on seven base units is at present internationally accepted unit system and is widely used throughout the world.

✓ 4. Scientific notation and the prefixes are used to simplify measurement notation and numerical computation, giving indication to the precision of the numbers.

Question ID : **26433098707**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following is used in controlling depression and hypertension?

Ans ✗ 1. Meprobamate.

✓ 2. Equanil.

✗ 3. Chlordiazepoxide.

✗ 4. Noradrenaline.

Question ID : **26433098562**
Status : **Answered**
Chosen Option : **3**

Q.12 If net external force on a body is zero than

Ans ✗ 1. Its velocity is non zero (according to first law of motion)

✗ 2. Its acceleration is non zero (according to 3rd law of motion)

✓ 3. Its acceleration is zero (according to first law of motion)

✗ 4. Its velocity will be zero (according to second law of motion)

Question ID : **26433098660**
Status : **Answered**
Chosen Option : **4**

Q.13 The location of the north magnetic pole of earth's magnet is at a latitude of 79.74° N and a longitude of 71.8° W, a place somewhere in north _____.

Ans ✗ 1. Australia

✗ 2. Antarctica

✓ 3. Canada

✗ 4. New Zealand

Question ID : **26433098534**
Status : **Answered**
Chosen Option : **1**

Q.14 Metals have low resistivities in the range of _____.

Ans ✗ 1. 10^{-5} Ωm to 10^{-3} Ωm

✓ 2. 10^{-8} Ωm to 10^{-6} Ωm

✗ 3. 10^{5} Ωm to 10^{3} Ωm

✗ 4. 10^{8} Ωm to 10^{6} Ωm

Question ID : **26433098532**
Status : **Answered**
Chosen Option : **1**

Q.15 Which of the following statement is NOT related to Zeroth Law of Thermodynamics?

Ans ✗ 1. This Law clearly suggests that when two systems A and B, are in thermal equilibrium, there must be a physical quantity that has the same value for both.

✗ 2. This law was formulated in 1931.

✗ 3. R.H. Fowler formulated this law.

✓ 4. This law states that 'two systems in chemical equilibrium with a third system separately are in thermal equilibrium with each other'.

Question ID : **26433098700**
Status : **Answered**
Chosen Option : **3**

Q.16 Which of the following additives has nutritive value?

Ans ✗ 1. Flour improvers

✗ 2. Fat emulsifiers

✓ 3. Nutritional supplements

✗ 4. Food colours

Question ID : **26433098713**
Status : **Answered**
Chosen Option : **1**

Q.17 J kg^{-1} is the unit of _____ .

Ans ✅ 1. Gravitational Potential

❌ 2. Gravitational constant

❌ 3. Gravitational Potential Energy

❌ 4. Gravitational Intensity

Question ID : **26433098552**
Status : **Answered**
Chosen Option : **3**

Q.18 Which of the following artificial sweetener's appearance and taste are like sugar?

Ans ✅ 1. Sucralose

❌ 2. Alitame

❌ 3. Saccharin

❌ 4. Aspartame

Question ID : **26433098518**
Status : **Answered**
Chosen Option : **1**

Q.19 Which of the following is a potent vasodilator?

Ans ❌ 1. Ranitidine

❌ 2. Cimetidine

✅ 3. Histamine

❌ 4. Noradrenaline

Question ID : **26433098585**
Status : **Answered**
Chosen Option : **3**

Q.20 निम्नलिखित में से कौन सा कथन गलत है?

Ans ❌ 1. बल सदैव गति की दिशा में नहीं होता है।

❌ 2. एक निश्चित समय पर पिंड पर लगाया गया बल उस समय पिंड के स्थान की स्थिति से निर्धारित होता है।

❌ 3. गति के द्वितीय नियम में, F = m a होता है।

✅ 4. बल और समय का गुणनफल आवेग होता है जो त्वरण में परिवर्तन के बराबर होता है।

Question ID : **26433098529**
Status : **Answered**
Chosen Option : **4**

Q.21 What is value of G in F =G $m_1 m_2/r_2$

Ans ❌ 1. 6.672×10^{-11} N

✅ 2. 6.672×10^{-11} N m^2 kg^{-2}

❌ 3. 6.672×10^{-11} N kg^{-2}

❌ 4. 6.672×10^{-11} N m^2

Question ID : **26433098679**
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following elements is NOT present in Alnico?

Ans ✔️ 1. Bismuth

    ❌ 2. Nickel

    ❌ 3. Copper

    ❌ 4. Cobalt

Question ID : **26433098581**
Status : **Answered**
Chosen Option : **2**

Q.23 An astronaut accidentally gets separated out of his small spaceship accelerating in inter stellar space at a constant rate of 100 m s-2. The acceleration of the astronaut the instant after he is outside the spaceship is Zero. This is in accordance with _____

Ans ❌ 1. Law of conservation of linear momentum

    ❌ 2. Newton's second law of motion

    ❌ 3. Newton's third law of motion

    ✔️ 4. Newton's first law of motion

Question ID : **26433098677**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following statements is INCORRECT? The conductivity of electrolytic (ionic) solutions depends on:

Ans ❌ 1. concentration of the electrolyte.

    ✔️ 2. the nature of the solute and its viscosity

    ❌ 3. The nature of the electrolyte added.

    ❌ 4. Size of the ions produced and their solvation

Question ID : **26433098545**
Status : **Answered**
Chosen Option : **2**

Q.25 The representation of rate of reaction in terms of concentration of the reactants is known as

Ans ❌ 1. Stoichiometric coefficient

    ✔️ 2. Rate expression

    ❌ 3. Order of reaction

    ❌ 4. Randomness

Question ID : **26433098653**
Status : **Answered**
Chosen Option : **3**

Section : **Part-C-Mathematics**

Q.1 A vendor mixes two types of pulses costing ₹10/kg and ₹22/kg respectively. In what ratio ₹10/kg should be mixed with ₹22/kg to get a mixture of ₹12/kg.

Ans ❌ 1. 10 : 1

    ❌ 2. 1 : 5

    ✔️ 3. 5 : 1

    ❌ 4. 1 : 10

Question ID : **26433081547**
Status : **Answered**
Chosen Option : **3**

Q.2 If 2 men or 4 women or 6 boys can finish a work in 50 days, then how many days will 1 man, 1 woman and 1 boy take to finish the same work?

Ans

✔ 1. $54\frac{6}{11}$ days

✘ 2. $54\frac{5}{11}$ days

✘ 3. $53\frac{6}{11}$ days

✘ 4. $54\frac{6}{13}$ days

Q.3 P, Q, R and S are four points on a circle. PR and QS intersect at a point X such that ∠QXR = 120° and ∠XRS = 10°. The measure of ∠QPR is:

Ans

✘ 1. 100°

✔ 2. 110°

✘ 3. 120°

✘ 4. 90°

Q.4 A man spent 20% of his monthly income on rent and 45% of the remaining on clothes and he saves the remaining income. If his monthly savings are Rs.308, find his monthly salary.

Ans

✔ 1. Rs.700

✘ 2. Rs.725

✘ 3. Rs.775

✘ 4. Rs.750

Q.5 If the area of a square is $16x^2 + 16x + 4$, what is the perimeter of the square?

Ans

✘ 1. 2x + 4

✘ 2. 16 + 8x

✘ 3. 4x + 2

✔ 4. 16x + 8

Q.6 2 tables and 3 chairs together cost ₹12000. When the cost of a table is decreased by 10 % and that of a chair is increased by 20 %, then 3 tables and 4 chairs together cost ₹17100. What is the total original cost of 1 table and 2 chairs?

Ans
✗ 1. ₹6500

✗ 2. ₹6300

✗ 3. ₹6800

✔ 4. ₹6600

Q.7 **A cubic metre of copper weighing 15,000 kg is rolled into a square bar 4 m long. An exact cube is cut off from the bar. How much does the cube weigh?**

Ans
✗ 1. 1900 kg

✔ 2. 1875 kg

✗ 3. 1975 kg

✗ 4. 2850 kg

Q.8 The following table shows the marks (in percentages) obtained by six students in five different subjects in an examination.

The maximum marks in each subject are 100.

Student	SUBJECT					
	CS	PHYSICS	CHEMISTRY	MATHS	HISTORY	GEOGRAPHY
A	95	65	90	70	70	80
B	90	70	75	75	85	85
C	80	80	65	70	90	95
D	85	90	85	75	90	95
E	80	95	95	85	90	95
F	90	90	90	95	90	90

Answer the following question based on the table:

What are the average marks obtained by all the six students in CS? (up to two decimal places)

Ans
✗ 1. 83.33

✗ 2. 81.67

✗ 3. 84.76

✔ 4. 86.67

Q.9 **Mohan starts a business with a capital of ₹1,70,000. He incurs a loss of 4% during the first year. But he makes a profit of 5% during the second year on his remaining investment. Finally, he makes a profit of 25% on his new capital during the third year. Find his total profit at the end of three years.**

Ans
✔ 1. ₹44,200

✗ 2. ₹43,200

✗ 3. ₹45,200

✗ 4. ₹42,200

Q.10 अरुण की वर्तमान आयु (वर्षों में) वरुण की वर्तमान आयु (वर्षों में) के दो गुना से एक वर्ष कम है। अब से 5 वर्ष बाद, वरुण की आयु अरुण की वर्तमान आयु के दो-तिहाई के बराबर होगी। अब से 2 वर्ष बाद अरुण और वरुण की आयु (वर्षों में) का योग क्या होगा?

Ans ✗ 1. 58

✗ 2. 50

✗ 3. 52

✓ 4. 54

Q.11 राकेश फल विक्रेता है। एक ग्राहक को वह एक किलोग्राम अमरूद 20% हानि पर और एक किलोग्राम आम 40% लाभ पर बेचता है और उसे Rs.44 का लाभ होता है। दूसरे ग्राहक को वह एक किलोग्राम आम और एक किलोग्राम अमरूद प्रत्येक 20% लाभ पर बेचता है और Rs.40 का लाभ अर्जित करता है। यदि वह 3 किलोग्राम अमरूद और 5 किलोग्राम आम प्रत्येक को 40% लाभ पर बेचता है, तो उसका कुल लाभ क्या है?

Ans ✗ 1. Rs.412

✗ 2. Rs.421

✗ 3. Rs.325

✓ 4. Rs.352

Q.12 The marked price of a water bottle is Rs.950. A man bought the same for Rs.740, after getting two successive discounts. If the first discount is 12% , then what is the second discount?

Ans ✗ 1. 12.48%

✓ 2. 11.48%

✗ 3. 13.45%

✗ 4. 14.56%

Q.13 Two circles of radii 13 cm and 12 cm are concentric. Calculate the length of the chord of the outer circle which touches the inner.

Ans ✗ 1. 9 cm

✗ 2. 8 cm

✗ 3. 5 cm

✓ 4. 10 cm

Q.14 During the first two hours of a journey, a man drove at the speed of 45 km/h and during next two hours and fifteen minutes he drove at a speed of 72 km/h. He maintained a speed of 80 km/h for another three hours and 45 minutes. What was his average speed (in km/h) for the entire journey?

Ans ✔ 1. 69

✘ 2. 70

✘ 3. 66

✘ 4. 75

Q.15 When 0.234343434... is expressed in the form of $\frac{A}{B}$ (lowest terms), then the value of B − A is:

Ans ✘ 1. 378

✘ 2. 376

✔ 3. 379

✘ 4. 377

Q.16 Using all the letters K, N, A, G and A, 5 letter words are made (with or without meaning). If these words are arranged as in a dictionary, the word NAAKG will appear at what place?

Ans ✔ 1. 50

✘ 2. 49

✘ 3. 47

✘ 4. 46

Q.17 If cotθ + cosecθ = 5, θ being an acute angle, then the value of 13cosθ is:

Ans ✘ 1. 156

✘ 2. 25

✘ 3. 13

✔ 4. 12

Q.18 A sum of money at simple interest doubles itself in 8 years. What is the rate of interest?

Ans ✔ 1. 12.5%

✘ 2. 8.5%

✘ 3. 9.5%

✘ 4. 6.5%

Q.19 If a chord of a circle of radius 11 cm is a tangent to another circle of radius 7 cm, both the circles being concentric, then the length of the chord is:

Ans ✗ 1. 3√8 cm

✗ 2. 8√3 cm

✗ 3. 6√8 cm

✓ 4. 12√2 cm

Q.20 80 men can construct a small footpath in 60 days. How many more men should be employed if the job is to be finished in 20 days?

Ans ✓ 1. 160

✗ 2. 180

✗ 3. 120

✗ 4. 240

Q.21 The solution of the following system of equations:

$2(ax - by) + a + 4b = 0, 2(bx + ay) + b - 4a = 0$, is also the solution of the equation:

Ans ✗ 1. $3x - 2y = 5$

✓ 2. $4x + 3y = 4$

✗ 3. $2x - 3y = 6$

✗ 4. $3x + 4y = 59$

Q.22 12 पुरुष प्रतिदिन 6 घंटे कार्य करते हुए एक कार्य को 25 दिनों में कर सकते हैं। यदि यह दिया गया है कि पुरुष, महिलाओं की तुलना में दोगुने दक्ष हैं, तो 36 महिलाएं प्रतिदिन 5 घंटे कार्य करते हुए उसी कार्य को कितने दिनों में करेंगी?

Ans ✗ 1. 24

✗ 2. 25

✓ 3. 20

✗ 4. 23

Q.23 **Simplify the following expression.**
5.4 + 7.3 − 4.8 ÷ 1.2 × 2.3 + 3.2

Ans ✔ 1. 6.7

 ✘ 2. 3.5

 ✘ 3. 7.6

 ✘ 4. 5.3

Q.24 In the following figure, O is the centre of the circle. If OP = 5 cm and radius of the circle is 3 cm, find the length of the tangent PT.
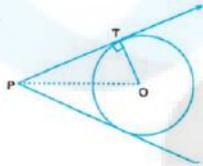
Ans ✘ 1. 6 cm

 ✔ 2. 4 cm

 ✘ 3. 3 cm

 ✘ 4. 5 cm

Q.25 **Find the surface area of a cube whose edge is 11 cm.**

Ans ✘ 1. 66 cm^2

 ✔ 2. 726 cm^2

 ✘ 3. 121 cm^2

 ✘ 4. 11 cm^2

Section : **Part-D-Reasoning**

Q.1 **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)
(114, 6, 19)
(78, 13, 6)

Ans ✔ 1. (375, 25, 15)

 ✘ 2. (81, 10, 9)

 ✘ 3. (42, 3, 7)

 ✘ 4. (343, 14, 7)

Q.2 तस्वीर में दिख रहे एक व्यक्ति की ओर इशारा करते हुए श्रीमती रजनी ने कहा, "वह मेरे पति के ससुर योगी के भाई का पुत्र है।" तस्वीर में दिख रहा व्यक्ति श्रीमती रजनी से किस प्रकार संबंधित है?

Ans   ✖ 1. भाई

    ✔ 2. पिता के भाई का पुत्र

    ✖ 3. पुत्र

    ✖ 4. ससुर

Question ID : 26433068448
Status : **Answered**
Chosen Option : **2**

Q.3 'A # B' का अर्थ है कि 'A, B का पति है'
'A @ B' का अर्थ है कि 'A , B का पुत्र है'
'A & B' का अर्थ है कि 'A, B की माता है'
'A % B' का अर्थ है कि 'A , B का दादा है'
यदि 'K % N @ P # R' है, तो K का R से क्या संबंध है?

Ans   ✖ 1. पिता

    ✖ 2. माता

    ✔ 3. ससुर

    ✖ 4. सास

Question ID : 26433068579
Status : **Answered**
Chosen Option : **3**

Q.4 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 cushions are sofas.
Some purses are cushions.
All sofas are purses.
Conclusions:
I. Some cushions are purses.
II. Some purses are sofas.
III. Some sofas are cushions.

Ans   ✖ 1. Only conclusion II follows

    ✔ 2. All conclusions follow

    ✖ 3. Only conclusion III follows

    ✖ 4. Only conclusion I follows

Question ID : 26433068542
Status : **Answered**
Chosen Option : **2**

Q.5 Which two signs should be interchanged to make the given equation correct?
306 ÷ 17 + 4 - 50 × 8 = 30

Ans   ✖ 1. × and -

    ✖ 2. ÷ and ×

    ✔ 3. + and ×

    ✖ 4. + and -

Question ID : 26433059947
Status : **Answered**
Chosen Option : **3**

Q.6 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who like to watch different types of TV channels.
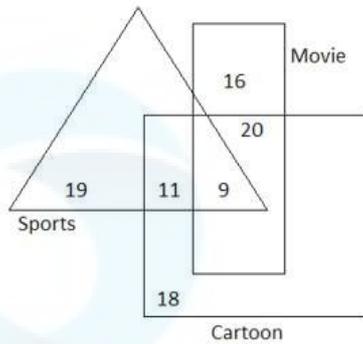
How many persons are there who like to watch both sports and cartoon channels?

Ans ✖ 1. 9

✔ 2. 20

✖ 3. 11

✖ 4. 19

Q.7 Which letter-cluster will replace the question mark (?) to complete the given series?
FCBZ, KGEB, ?, UOKF, ZSNH

Ans ✖ 1. PLHD

✖ 2. PKGD

✖ 3. PLGD

✔ 4. PKHD

Q.8 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
(31 * 3) * 64 * 124 * (492 * 78) * 6

Ans ✖ 1. −, ×, =, −, −, ÷

✖ 2. +, ÷, −, =, −, ×

✖ 3. +, −, +, ÷, ×, =

✔ 4. ×, −, =, −, +, ÷

Q.9 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Meconium
2. Medication
3. Mediocrity
4. Mechanical
5. Meclizine
6. Mecamylamine

Ans ✗ 1. 4, 6, 5, 1, 2, 3

✗ 2. 6, 4, 2, 3, 5, 1

✗ 3. 6, 5, 1, 4, 3, 2

✔ 4. 6, 4, 5, 1, 2, 3

Q.10 Select the figure that will come in place of the question mark (?) in the following figure series.

Ans

✔ 1.

✗ 2.

✗ 3.

✗ 4.

Q.11 There are five friends, Ankita, Parul, Ashna, Bhanu, Ritika. Ashna is the tallest. Ankita is shorter than Parul but taller than Ritika. Bhanu is shorter than Parul but taller than Ankita. Who is taller than Ritika but shorter than Bhanu?

Ans ✗ 1. Ritika

✗ 2. Parul

✔ 3. Ankita

✗ 4. Bhanu

Q.12 In a certain code language, 'POSITIVE' is written as '109' and 'NEGATIVE' is written as '141'. How will 'INTEGER' be written in that language?

Ans ✓ 1. 118

✗ 2. 107

✗ 3. 111

✗ 4. 114

Q.13 Six friends L, M, N, O, P and Q are sitting around a circular table facing the centre. L is sitting third to the left of O. M is sitting second to the right of O. N is sitting second to the right of P. P is the only one sitting between Q and O. Who is sitting between M and Q?
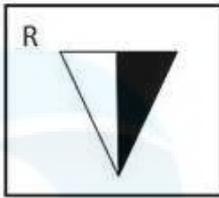
Ans ✓ 1. L

✗ 2. O

✗ 3. P

✗ 4. N

Q.14 Select the figure from among the given options that can replace the question mark (?) in the following series.
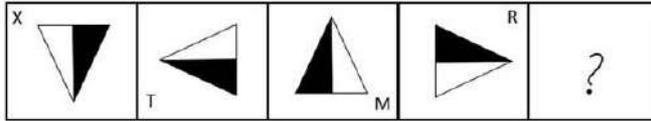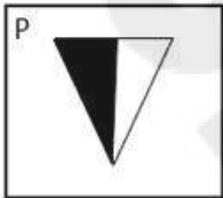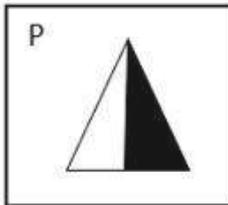

Ans

✗ 1.

✔ 2.
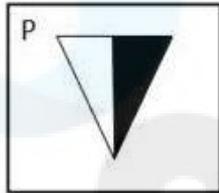
✗ 3.

✗ 4.

Question ID : **26433056826**
Status : **Answered**
Chosen Option : **2**

Q.15 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 '6'.
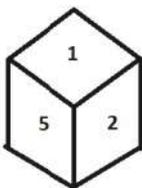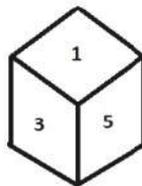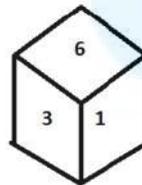

figure 1   figure 2   figure 3

Ans   ✔ 1. 5

✗ 2. 4

✗ 3. 3

✗ 4. 2

Question ID : **26433080721**
Status : **Answered**
Chosen Option : **1**

Q.16 Which of the following numbers will replace the question mark (?) in the given series?
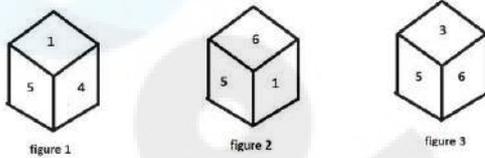90, 89, 85, 76, ?, 35

Ans ✗ 1. 65

✗ 2. 51

✓ 3. 60

✗ 4. 72

Q.17 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 '5'.

Ans ✗ 1. 3

✗ 2. 1

✓ 3. 2

✗ 4. 4

Q.18 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 at the centre?

Ans ✗ 1. D

✓ 2. F

✗ 3. C

✗ 4. B

Q.19 In a certain code language, 'RAID' is written as 'DIARS' and 'SPOT' is written as 'TOPST'. How will 'MOOT' be written in that language?

Ans ✗ 1. MOOTT

✗ 2. MOOTN

✗ 3. TOOMM

✓ 4. TOOMN

Q.20 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

m _ r _ t _ c _ m e r o _ s c u _ e r o _ s _ u

Ans ✗ 1. eostumtc

✗ 2. esotmtco

✗ 3. emtsotcc

✓ 4. eosutmtc

Question ID : **26433056252**
Status : **Answered**
Chosen Option : **4**

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

Q.1 Typically _____ is used to send the email carbon copy to multiple recipients, except each recipient can't see who is on the list of other recipients.

Ans ✗ 1. Cc

✗ 2. Subject

✗ 3. Add text

✓ 4. Bcc

Question ID : **26433098366**
Status : **Answered**
Chosen Option : **4**

Q.2 _____ keyboard shortcut is used to cut the selected data in MS-Word 2010.

Ans ✗ 1. Ctrl + V

✓ 2. Ctrl + X

✗ 3. Ctrl + O

✗ 4. Ctrl + Z

Question ID : **26433098402**
Status : **Answered**
Chosen Option : **2**

Q.3 The _____ function in MS-Excel 2010 is used to find average or mean of numbers.

Ans ✓ 1. AVERAGE

✗ 2. MEAN

✗ 3. AVRG

✗ 4. AVG

Question ID : **26433098391**
Status : **Answered**
Chosen Option : **4**

Q.4 _____, एमएस-एक्सेल 2010 (MS-Excel 2010) की वर्कशीट में डेटा का एक विजुअल रिप्रजेंटेशन है।

Ans

✗ 1. शीट (Sheet)

✗ 2. सेल (Cell)

✔ 3. ग्राफ (Graph)

✗ 4. टेबल (Table)

Question ID : **26433098394**
Status : **Answered**
Chosen Option : **1**

Q.5 Which of the following ISP provides access to Internet through telephone line, cable Wi-Fi or fiber optics?

Ans

✗ 1. Hosting ISPs

✔ 2. Access providers

✗ 3. Mailbox provider

✗ 4. Virtual ISPs

Question ID : **26433098427**
Status : **Answered**
Chosen Option : **1**

Q.6 एमएस-एक्सेल 2010 (MS-Excel 2010) फॉर्मूला में, कॉलम H से J तक सभी सेल्स को रेफर करने के लिए निम्न में से किस रेफरेंस का उपयोग किया जाता है?

Ans

✗ 1. H-J

✔ 2. H:J

✗ 3. H::J

✗ 4. H,J

Question ID : **26433098421**
Status : **Answered**
Chosen Option : **1**

Q.7 The keyboard shortcut to paste special values in a worksheet in MS-Excel 2010, is _____.

Ans

✔ 1. Ctrl + Alt + V then press V

✗ 2. Alt + V then press V

✗ 3. Ctrl + Shift + V then press V

✗ 4. Shift + V then press V

Question ID : **26433098362**
Status : **Answered**
Chosen Option : **1**

Q.8 निम्नलिखित में से कौन सा एक कंप्यूटर है, जो इंटरनेट पर वेबसाइट को होस्ट करता है?

Ans ✗ 1. वेब ब्राउज़र (Web browser)

✗ 2. वेबपेज (Webpage)

✗ 3. सर्च इंजन (Search engine)

✔ 4. वेब सर्वर (Web server)

Question ID : **26433098418**
Status : **Answered**
Chosen Option : **1**

Q.9 एमएस-एक्सेल 2010 में, परिवर्तनों को पूर्ववत करने के लिए _____ कीबोर्ड शॉर्टकट का उपयोग किया जाता है।

Ans ✗ 1. Ctrl + C

✗ 2. Ctrl + V

✗ 3. Ctrl + X

✔ 4. Ctrl + Z

Question ID : **26433098380**
Status : **Answered**
Chosen Option : **4**

Q.10 The dollar sign ($) is used to make references _____ in MS-Excel 2010.

Ans ✗ 1. mixed column

✗ 2. mixed row

✔ 3. absolute

✗ 4. relative

Question ID : **26433098375**
Status : **Answered**
Chosen Option : **4**