



Navodaya Vidyalaya Samiti

(An Autonomous Body Under MHRD) Government of India

Participant ID	
Participant Name	
Test Center Name	World Insitute of Technology
Test Date	18/09/2019
Test Time	2:00 PM - 5:00 PM
Subject	TGT Science Hindi

Section : Reasoning Ability

Q.1 Find the missing term from the following:

6, 9, 14, 21, 30, 41, 54, 69, 86, _____

- Ans
- ☒ 1. 106
 - ☒ 2. 103
 - ☒ 3. 105
 - ☒ 4. 101

Question ID : 96623121826

Status : Answered

Chosen Option : 3

Q.2 Two train tickets from City P to City Q and three tickets from City P to City R cost Rs. 95 but three tickets from City P to City Q and two tickets from City P to City R cost Rs. 90. What are the fares for Cities Q and R from P respectively?

- Ans
- ☒ 1. Rs. 15, Rs. 23
 - ☒ 2. Rs. 14, Rs. 24
 - ☒ 3. Rs. 16, Rs. 21
 - ☒ 4. Rs. 15, Rs. 21

Question ID : 96623121825

Status : Answered

Chosen Option : 3

Q.3 Choose the correct alternatives from the following options for the Assertion (A) and Reason (R) given below:

Assertion (A):
Beri-beri is a viral infection.

Reason (R):
Vitamin deficiency causes diseases.

- Ans
- ☒ 1. (A) is true but (R) is false
 - ☒ 2. Both (A) and (R) are true and (R) is the correct explanation of (A)
 - ☒ 3. Both (A) and (R) are true but (R) is not the correct explanation of (A)
 - ☒ 4. (A) is false but (R) is true

Question ID : 96623121822

Status : Answered

Chosen Option : 4

Q.4 'Knife' is related to 'Cut', in the same way as 'Pen' is related to _____.

- Ans
- ☒ 1. Pencil
 - ☒ 2. Ink
 - ☒ 3. Write
 - ☒ 4. Read

Question ID : 96623121817

Status : Answered

Chosen Option : 3

Q.5 You are given 2 statements and four conclusions. Choose the comment about conclusions from the given options below:

Statements:

All doctors are honest.

All honest are fair.

Conclusions:

I. Some honest are doctors.

II. No honest is doctor.

III. Some fair are doctors.

IV. All fair are doctors.

- Ans
- ☒ 1. Only conclusion IV follows
 - ☒ 2. Only conclusion I follows
 - ☒ 3. Only conclusions I and II follow
 - ☒ 4. Only conclusions I and III follow

Question ID : 96623121821

Status : Answered

Chosen Option : 1

Q.6 Choose the following pair which is different from others:

- Ans
- ☒ 1. Cat : Kitten
 - ☒ 2. Sheep : Flock
 - ☒ 3. Cow : Calf
 - ☒ 4. Frog : Tadpole

Question ID : 96623121819

Status : Answered

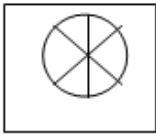
Chosen Option : 2

Q.7 You have to select one figure from the options which will continue the same series as given problem figures:

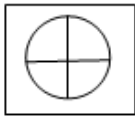


Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : 96623121820

Status : Answered

Chosen Option : 2

Q.8 Out of the four given alternatives, choose the most appropriate description about the given three words:

Volt : Watt : Ohm

Ans



1. These are terms related to machines



2. These are terms related to measuring units of electricity



3. These are terms related to precious stones



4. These are terms related to currency

Question ID : 96623121818

Status : Answered

Chosen Option : 2

Q.9 If a man reduces the selling price of a cooker from Rs. 620 to Rs. 580, his loss increases by 4%. What is the cost price of the cooker?

Ans



1. Rs. 750



2. Rs. 1250



3. Rs. 1000



4. Rs. 1100

Question ID : 96623121823

Status : Answered

Chosen Option : 2

Q.10 P, Q, R, S and T are five students. P is shorter than Q but taller than T. R is the tallest. S is shorter than Q and taller than P. Which student has two students taller and two students shorter than him/her?

Ans



1. T



2. Q



3. S

 4. P

Question ID : **96623121824**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 The Panchayati Raj system was first introduced in ____.

- Ans  1. Hyderabad
 2. Jaipur
 3. Shadnagar
 4. Nagaur

Question ID : **96623121827**
Status : **Answered**
Chosen Option : **4**

Q.2 Who among the following was not a member of the Drafting committee of the Constituent Assembly?

- Ans  1. B D Jatti
 2. K M Munshi
 3. Syed Mohammad Saadullah
 4. Alladi Krishnaswamy Ayyar

Question ID : **96623121833**
Status : **Answered**
Chosen Option : **1**

Q.3 In May 2019, The Indian Space Research Organization (ISRO) announced that India's second lunar mission Chandrayaan-2 is scheduled to be launched in ____.

- Ans  1. September 2019
 2. July 2019
 3. August 2019
 4. June 2019

Question ID : **96623121834**
Status : **Answered**
Chosen Option : **2**

Q.4 Between whom was the First Anglo-Mysore War (1767-1769) fought?

- Ans  1. Hyder Ali and the British
 2. Hyder Ali and the Portuguese
 3. Tipu Sultan and the Marathas
 4. Tipu Sultan and the French

Question ID : **96623121831**
Status : **Answered**
Chosen Option : **2**

Q.5 What is the maximum number of candidates which EVMs can cater to?

- Ans
- ☐ 1. 24
 - ☐ 2. 72
 - ☐ 3. 36
 - ☒ 4. 64

Question ID : **96623121832**
Status : **Answered**
Chosen Option : 1

Q.6 _____ is the first Indian wrestler who will fight at the Madison Square Garden in New York.

- Ans
- ☒ 1. Bajrang Punia
 - ☐ 2. Yogeshwar Dutt
 - ☐ 3. Vinesh Phogat
 - ☐ 4. Sushil Kumar

Question ID : **96623121828**
Status : **Answered**
Chosen Option : 1

Q.7 Integrated over the year, incoming energy from the Sun is greatest, near which one of the following?

- Ans
- ☒ 1. The equator
 - ☐ 2. The tropic of Capricorn
 - ☐ 3. The tropic of Cancer
 - ☐ 4. The poles

Question ID : **96623121829**
Status : **Answered**
Chosen Option : 2

Q.8 The United Nations Educational, Scientific and Cultural Organization (UNESCO) is a specialized agency of the United Nations with its headquartered in _____.

- Ans
- ☒ 1. France
 - ☐ 2. Turkey
 - ☐ 3. United States of America
 - ☐ 4. India

Question ID : **96623121835**
Status : **Answered**
Chosen Option : 1

Q.9 Identify the ITC group chairman for more than 2 decades who passed away in May 2019?

- Ans
- ☐ 1. Rahul Puri
 - ☐ 2. Jagmohan Dalmiya
 - ☒ 3. Y C Deveshwar
 - ☐ 4. B L Munjal

Question ID : **96623121830**
Status : **Answered**
Chosen Option : **2**

Q.10 The International Criminal Police Organization, more commonly known as Interpol, has its headquarters in _____.

- Ans ☒ 1. France
- ☐ 2. The United States of America
- ☐ 3. The United Kingdom
- ☐ 4. Switzerland

Question ID : **96623121836**
Status : **Answered**
Chosen Option : **4**

Section : **Teaching Aptitude**

Q.1 What is the purpose of the 'National Literacy Mission Authority (NLMA)' set up on 5th May 1988?

- Ans ☐ 1. To restructure the educational organisations for better implementation of educational policies
- ☐ 2. To implement the policy of education for all in a new spirit
- ☐ 3. To sensitise people about equity and equality issues
- ☒ 4. To impart a new sense of urgency and seriousness to adult education

Question ID : **96623121840**
Status : **Answered**
Chosen Option : **1**

Q.2 Which pedagogical approach does National Curriculum Framework (NCF) 2005 suggest for teaching science in schools?

- Ans ☐ 1. Multiple intelligence approach
- ☐ 2. Field trips
- ☐ 3. Laboratory work
- ☒ 4. Inquiry-based approach

Question ID : **96623121848**
Status : **Answered**
Chosen Option : **4**

Q.3 Following the standard procedure, how many days of minimum training is required for teachers when children with 'mild to moderate' disabilities are included in their classrooms?

- Ans ☐ 1. Continuous training
- ☐ 2. 1 week
- ☒ 3. 1 – 2 weeks
- ☐ 4. 1 year

Question ID : **96623121841**
Status : **Answered**
Chosen Option : **3**

Q.4 Children become capable of engaging in activities that involve mental representation, such as pretending, by the end of the _____ period.

- Ans
- ☒ 1. Concrete operational
 - ☐ 2. Sensorimotor
 - ☐ 3. Formal operational
 - ☐ 4. Pre-operational

Question ID : 96623121838

Status : Answered

Chosen Option : 1

Q.5 According to Right of Children to Free and Compulsory Education (RTE) Act 2009, the teacher in present day classrooms should design activities/learning tasks that will both, engage and _____ all learners in a heterogeneous setting.

- Ans
- ☐ 1. excite
 - ☐ 2. create interest for
 - ☐ 3. motivate
 - ☒ 4. challenge

Question ID : 96623121844

Status : Answered

Chosen Option : 2

Q.6 A teacher instructs the students in his class to construct paper planes. This is an example of integrating _____ in crafts.

- Ans
- ☒ 1. mathematics learning
 - ☐ 2. social science learning
 - ☐ 3. games
 - ☐ 4. language learning

Question ID : 96623121851

Status : Answered

Chosen Option : 1

Q.7 Who said the following?

“Literature, music, and arts, all are necessary for the development and flowering of a student to form an integrated total personality.”

- Ans
- ☒ 1. Rabindranath Tagore
 - ☐ 2. Maria Montessori
 - ☐ 3. Mahatma Gandhi
 - ☐ 4. Sri Aurobindo

Question ID : 96623121850

Status : Answered

Chosen Option : 1

Q.8 During which period did education start acquiring a formal nature by being imparted at centers of learning called gurukuls, ashrams and parishads?

- Ans
- ☒ 1. Vedic period
 - ☐ 2. Mughal period

☒ 3. Medieval period

☒ 4. Buddhist period

Question ID : 96623121839

Status : Answered

Chosen Option : 1

Q.9 What is the role of a teacher while implementing constructivist method of teaching in mathematics?

Ans ☒ 1. To ensure that students are involved in gleaning knowledge on their own

☒ 2. To ensure that all students have calculators with them

☒ 3. To ensure that students get a sports period before mathematics period

☒ 4. To ensure that the relevant books are available in the school library

Question ID : 96623121846

Status : Answered

Chosen Option : 1

Q.10 According to the draft of the National Educational Policy (NEP) 2016, what is the reason for lowered credibility of the higher education system?

Ans ☒ 1. Lack of academic infrastructure to impart quality education

☒ 2. Lack of employable skills of a large proportion of the products of the education system

☒ 3. Lack of good quality teachers to ensure successful outcomes for all students

☒ 4. Lack of academic monitoring to ensure good quality of education in the classrooms

Question ID : 96623121842

Status : Answered

Chosen Option : 4

Q.11 What is the adverse effect of insisting on the same answers from all children?

Ans ☒ 1. It will discourage children from listening to the teacher.

☒ 2. It will stop children from speaking in the classroom.

☒ 3. It will hinder the growth of the child's own understanding and imagination.

☒ 4. It will encourage children to copy from others.

Question ID : 96623121845

Status : Answered

Chosen Option : 3

Q.12 A teacher gave the following activities as a home assignment to the students learning science. Which of the given activities will require the students to use local material?

Ans ☒ 1. Gather information about countries facing shortage of food, its causes and effects through newspapers, magazines and internet.

☒ 2. Adjust your diet according to the concepts of balanced diet for your level of activity and growth requirements.

☒ 3. Observe the materials that their mothers discard while cleaning rice/wheat by handpicking. Identify the impurities and try to find out their possible harmful effects if eaten.

☒ 4. Make a resolution for your food habits and exercise for good health.

Question ID : 96623121849

Status : **Answered**
Chosen Option : 2

Q.13 The basis of learning in a child's early years is _____, as per the research and philosophy of Jean Piaget.

- Ans
- ☒ 1. enjoyment
 - ☒ 2. art
 - ☒ 3. drama
 - ☒ 4. expression

Question ID : **96623121837**
Status : **Answered**
Chosen Option : 4

Q.14 Which of the following is a false patriarchal view of society?

- Ans
- ☒ 1. Elders and other family members are not available to care for the child in the absence of the mother.
 - ☒ 2. Women are primarily housewives and mothers, and only an insignificant few are in the workforce.
 - ☒ 3. Mothers from poor households leave their young, growing children in the care of older siblings.
 - ☒ 4. In poorer classes, older people continue to work for as long as they can.

Question ID : **96623121847**
Status : **Answered**
Chosen Option : 3

Q.15 Which among the following is an example of child-centered pedagogy?

- Ans
- ☒ 1. Children sharing and integrating school knowledge with their experiences in and out of the school
 - ☒ 2. Children repeating what was told by the teacher and peers
 - ☒ 3. Children working in groups and pairs for learning a topic
 - ☒ 4. Children sharing their experiences in the classroom with peers and the teacher

Question ID : **96623121843**
Status : **Answered**
Chosen Option : 4

Section : **Subject Knowledge**

Q.1 In a mixture of a weak acid and its salt, the ratio of the concentration of acid to salt is increased tenfold. The pH of the solution:

- Ans
- ☒ 1. decreases by one tenth
 - ☒ 2. increases by ten-fold
 - ☒ 3. increases by one
 - ☒ 4. decreases by one

Question ID : **96623121862**
Status : **Answered**
Chosen Option : 3

Q.2 Graphite is a soft solid lubricant that is extremely difficult to melt. The reason for this anomalous behaviour is that graphite:

Ans  1.

has carbon atoms arranged in large plates of rings of strongly bound carbon atoms with weak inter plate bonds

 2. is a non-crystalline substance

 3. has molecules of variable molecular masses like polymers

 4. is an allotropic form of diamond

Question ID : 96623121866

Status : Answered

Chosen Option : 1

Q.3 Consider a minor parking-plot accident. Car A backs out at 30 cm/s toward the west, and car B looks for a place to park, driving north at 40 cm/s. Both cars mass is 1,000 kg. What is the total system momentum before the collision?

Ans  1. There is not enough information to answer this.

 2. 100 kg m/s, generally northwest

 3. 500 kg m/s, generally northwest

 4. 700 kg m/s, generally northwest

Question ID : 96623121884

Status : Answered

Chosen Option : 4

Q.4 If you applied a fungicide to a cornfield, what would you expect to happen to the rate of decomposition and net ecosystem production (NEP)?

Ans  1.

Decomposition rate would decrease and NEP would increase.

 2. Neither would change.

 3.

Decomposition rate would increase and NEP would decrease.

 4. Both decomposition rate and NEP would increase.

Question ID : 96623121948

Status : Answered

Chosen Option : 1

Q.5 Which of the following is a skull bone?

Ans  1. Femur

 2. Nasal

 3. Atlas

 4. Tibia

Question ID : 96623121917

Status : Answered

Chosen Option : 2

Q.6 The phenomenon of removing layers of basic oxides from metals before electroplating is called:

- Ans
- ☒ 1. anodising
 - ☒ 2. pickling
 - ☒ 3. galvanising
 - ☒ 4. poling

Question ID : **96623121874**
Status : **Answered**
Chosen Option : **3**

Q.7 Which wave phenomenon makes it possible for a player to hear the sound from a referee's whistle in an open field even when standing behind the referee?

- Ans
- ☒ 1. Doppler effect
 - ☒ 2. Reflection
 - ☒ 3. Refraction
 - ☒ 4. Diffraction

Question ID : **96623121896**
Status : **Answered**
Chosen Option : **2**

Q.8 Which of the following is NOT generally observed in a geomagnetic storm?

- Ans
- ☒ 1. Fluctuations in the Earth's magnetic field
 - ☒ 2. Disruption of microwave propagation
 - ☒ 3. Disruption of electrical power transmission
 - ☒ 4. Charged particles streaming out from the sun

Question ID : **96623121891**
Status : **Answered**
Chosen Option : **3**

Q.9 The content of the anterior cavity of an eye ball is:

- Ans
- ☒ 1. vitreous humour
 - ☒ 2. dense jelly
 - ☒ 3. water
 - ☒ 4. aqueous humour

Question ID : **96623121912**
Status : **Answered**
Chosen Option : **4**

Q.10 The increase in temperature of the aqueous solution will result in:

- Ans
- ☒ 1. molarity to increase
 - ☒ 2. mole fraction to increase
 - ☒ 3. molarity to decrease

☒ 4. mass % to increase

Question ID : 96623121855

Status : Answered

Chosen Option : 3

Q.11 Which of the following is an example of the RNA virus?

Ans ☒ 1. Tobacco mosaic virus

☒ 2. SV 40

☒ 3. Adeno virus

☒ 4. T4 phage

Question ID : 96623121908

Status : Answered

Chosen Option : 1

Q.12 Suppose that a sample of gas has 5.55×10^{18} atoms in 1 cubic centimetre. What is the particle density?

Ans ☒ 1. 33.4 mol/m³

☒ 2. 922 mol/m³

☒ 3. 9.22 mol/m³

☒ 4. 1.08 mol/m³

Question ID : 96623121886

Status : Answered

Chosen Option : 4

Q.13 The drug cytochalasin B blocks the function of actin. Which of the following aspects of the animal cell cycle would be most disrupted by cytochalasin B?

Ans ☒ 1. Spindle attachment to kinetochores

☒ 2. Cell elongation during anaphase

☒ 3. DNA synthesis

☒ 4. Cleavage furrow formation and cytokinesis

Question ID : 96623121940

Status : Answered

Chosen Option : 4

Q.14 Coal-tar is a main source of:

Ans ☒ 1. aromatic compounds

☒ 2. aliphatic compounds

☒ 3. heterocyclic compounds

☒ 4. cycloalkanes

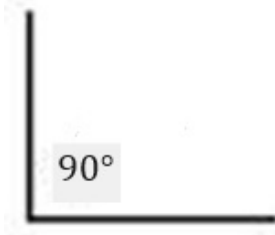
Question ID : 96623121872

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

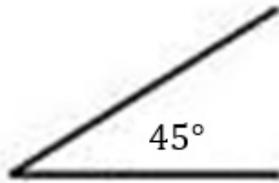
Q.15 One tennis ball hit into the atmosphere has an initial speed of 60 meters per second. Which of the following vectors best represents the angle above the horizontal that the ball should be hit to remain in the atmosphere for the highest amount of time?

Ans

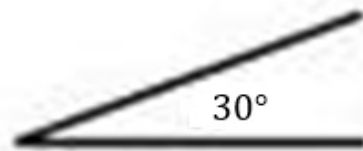
✓ 1.



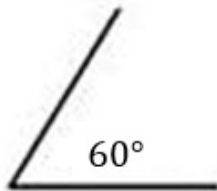
✗ 2.



✗ 3.



✗ 4.

Question ID : **96623121882**Status : **Answered**Chosen Option : **4**

Q.16 Which of the following is NOT a part of blood coagulation process?

Ans

✓ 1.

Formation of prothrombin

✗ 2.

Formation of fibrin

✗ 3.

Formation of thrombin

✗ 4.

Formation of thromboplastin

Question ID : **96623121921**Status : **Answered**Chosen Option : **1**

Q.17 The total number of bones in an adult human are:

Ans

✗ 1.

208

✓ 2. 206

✗ 3. 350

✗ 4. 260

Question ID : 96623121911

Status : Answered

Chosen Option : 2

Q.18 10 ml of 1 M NaOH solution is neutralised by _____ ml of 1 M H₂SO₄ solution.

Ans ✗ 1. 10.0

✗ 2. 2.0

✓ 3. 5.0

✗ 4. 2.5

Question ID : 96623121880

Status : Answered

Chosen Option : 3

Q.19 Who was the father of DNA fingerprinting?

Ans ✗ 1. James Watson

✗ 2. Hargobind Khurana

✓ 3. Alec Jeffreys

✗ 4. Nirenberg

Question ID : 96623121949

Status : Answered

Chosen Option : 2

Q.20

Match each term on the left with a statement on the right.

- | | |
|---------------------|---|
| A. Trait | 1. The genetic makeup of an individual |
| B. Genotype | 2. A cross between an individual with an unknown genotype and a homozygous recessive individual |
| C. Allele | 3. A variant for a character |
| D. Testcross | 4. An alternative version of a gene |
| E. Monohybrid cross | 5. A cross between individuals heterozygous for a single character |

- Ans  1. A-3; B-1; C-4; D-2; E-5
-  2. A-2; B-3; C-1; D-5; E-4
-  3. A-5; B-3; C-4; D-2; E-1
-  4. A-2; B-1; C-3; D-4; E-5

Question ID : 96623121950

Status : Answered

Chosen Option : 1

Q.21 Which name is associated with the relation $\Delta G = \Delta H - T\Delta S$?

- Ans  1. Maxwell
-  2. Gibb's Hemholtz
-  3. Boltzmann
-  4. Tronton

Question ID : 96623121856

Status : Answered

Chosen Option : 2

Q.22 Which of the following arise, directly or indirectly, from meristematic activity?

- Ans  1. Phloem
-  2. Secondary xylem
-  3. Flower

 4. Root

Question ID : 96623121943

Status : Answered

Chosen Option : 2

Q.23 Which component is reabsorbed in the nephron tubules in a healthy person?

- Ans  1. Salt
-  2. Glucose
-  3. Uric acid
-  4. Urea

Question ID : 96623121914

Status : Answered

Chosen Option : 1

Q.24 Toluene has:

- Ans  1. 9 σ - and 3 π -bonds
-  2. 9 σ - and 6 π -bonds
-  3. 6 σ - and 3 π -bonds
-  4. 15 σ - and 3 π -bonds

Question ID : 96623121869

Status : Answered

Chosen Option : 3

Q.25 Mushrooms are:

- Ans  1. phycomycetes
-  2. basidiomycetes
-  3. deuteromycetes
-  4. ascomycetes

Question ID : 96623121930

Status : Answered

Chosen Option : 2

Q.26 Vitamins are:

- Ans  1.
organic molecules that are used for transfer of energy and information within the cell.
-  2.
small organic molecules that make up a part of an enzyme cofactor.
-  3.
organic compounds that are the building blocks of proteins.
-  4.
major energy sources for bacteria when they are metabolised.

Question ID : 96623121923

Status : Answered

Chosen Option : 2

Q.27 For a perfectly elastic substance:

Ans ☐ 1.

the amount of force necessary to break the object in half is inversely proportional to the length of the object.

☒ 2.

the extent of stretching is directly proportional to the applied force.

☐ 3.

the extent of stretching is inversely proportional to the applied force.

☐ 4.

the extent of stretching is independent of the applied force.

Question ID : 96623121888

Status : Answered

Chosen Option : 2

Q.28 Which cell evokes allergic reactions and inflammation?

Ans ☐ 1. Stem cell

☒ 2. Mast cell

☐ 3. Blast cell

☐ 4. Past cell

Question ID : 96623121915

Status : Answered

Chosen Option : 2

Q.29 Which of the following is the buffer solution of strong acidic nature?

Ans ☐ 1. $\text{H}_2\text{C}_2\text{O}_4^+ \text{C}_2\text{O}_4^{2-}$

☐ 2. $\text{CH}_3\text{COOH}^+ \text{CH}_3\text{COO}^-$

☐ 3. $\text{HCOOH}^+ \text{HCOO}^-$

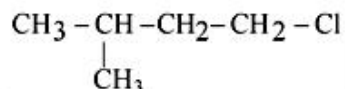
☒ 4. $\text{H}_3\text{BO}_3^+ \text{BO}_3^{3-}$

Question ID : 96623121861

Status : Answered

Chosen Option : 3

Q.30 What is the IUPAC name of the below compound?



Ans ☐ 1. 2- methyl-3-chlorobutane

☒ 2. 1-chloro-3-methylbutane

- ☒ 3. 1-chloropentane
- ☒ 4. 2-methyl-4-chlorobutane

Question ID : 96623121868
Status : Answered
Chosen Option : 4

Q.31 A certain appliance consumes energy at a rate of 1,200 joules per minute. This is the same as saying that the appliance consumes:

- Ans**
- ☒ 1. 20 meters per second squared
- ☒ 2. 20 newtons
- ☒ 3. 20 kilograms per second squared
- ☒ 4. 20 watts

Question ID : 96623121903
Status : Answered
Chosen Option : 4

Q.32 Natural killer cells are:

- Ans**
- ☒ 1. increased by immunisation
- ☒ 2. cytotoxic T cells
- ☒ 3. B cells that can kill without complement
- ☒ 4. able to kill virus-infected cells without prior sensitisation

Question ID : 96623121926
Status : Answered
Chosen Option : 3

Q.33 A man is standing on a weighing scale in an elevator car. If the scale reads a value lower than the weight of the man at rest, the elevator car could be moving:

- Ans**
- ☒ 1. downward at increasing speed
- ☒ 2. upward at increasing speed
- ☒ 3. downward at constant speed
- ☒ 4. upward at constant speed

Question ID : 96623121905
Status : Answered
Chosen Option : 4

Q.34 The lysogenic cycle of a phage allows:

- Ans**
- ☒ 1. integration of the phage genome with destroying the host
- ☒ 2. replication of the phage genome with destroying the host
- ☒ 3. integration of the phage genome without destroying the host
- ☒ 4.

replication of the phage genome without destroying the host

Question ID : 96623121931

Status : Answered

Chosen Option : 3

Q.35 How many cyclic isomers of C_5H_{10} are possible?

Ans ☒ 1. 2

☒ 2. 3

☒ 3. 5

☒ 4. 4

Question ID : 96623121871

Status : Answered

Chosen Option : 1

Q.36 In sickle cell anaemia:

Ans ☒ 1. valine is replaced by glutamic acid.

☒ 2. glutamic acid is replaced by valine.

☒ 3. tryptophan is replaced by glutamic acid.

☒ 4. alanine is replaced by glutamic acid.

Question ID : 96623121925

Status : Answered

Chosen Option : 1

Q.37 Which of the following gives a positive iodoform test?

Ans ☒ 1. $(CH_3)_3COH$

☒ 2. $n-C_3H_7OH$

☒ 3. $(CH_3)_2CHOH$

☒ 4. CH_3OH

Question ID : 96623121877

Status : Answered

Chosen Option : 4

Q.38 The tips of the Y chromosome are also called as:

Ans ☒ 1. non recombining portion

☒ 2. the pseudoautosomal repeats

☒ 3. mini-satellites

☒ 4. the pseudoautosomal regions

Question ID : 96623121929

Status : Answered

Chosen Option : 3

Q.39 The second permanent molars appear about the age of:

- Ans
- ☒ 1. 6 years
 - ☒ 2. 16 years
 - ☒ 3. 12 years
 - ☒ 4. 8 years

Question ID : 96623121924

Status : Answered

Chosen Option : 2

Q.40 Suppose that a microscope has an objective whose focal length is 1.00 mm and an eyepiece whose focal length is 25.0 mm. What is the magnification?

- Ans
- ☒ 1. 20X
 - ☒ 2. 25X
 - ☒ 3. We need more information to calculate the magnification.
 - ☒ 4. 40X

Question ID : 96623121892

Status : Answered

Chosen Option : 2

Q.41 According to Kirchhoff's voltage law:

- Ans
- ☒ 1. the voltage in any dc circuit is equal to the power divided by the resistance.
 - ☒ 2. the current in a series dc circuit is equal to the voltage divided by the power.
 - ☒ 3. the voltage in any dc circuit is equal to the resistance squared divided by the power.
 - ☒ 4. the sum of the voltages going around any branch in a dc circuit is equal to zero.

Question ID : 96623121890

Status : Answered

Chosen Option : 3

Q.42 Which of the following is paramagnetic?

- Ans
- ☒ 1. CN
 - ☒ 2. CO
 - ☒ 3. O_2^-
 - ☒ 4. NO^+

Question ID : 96623121852

Status : Answered

Chosen Option : 1

Q.43 The impurities associated with minerals used in metallurgy are collectively called:

- Ans
- ☒ 1. slag
 - ☒ 2. flux
 - ☒ 3. gangue
 - ☒ 4. ore

Question ID : 96623121873

Status : Answered

Chosen Option : 3

Q.44 If all the tRNAs within a cell were suddenly destroyed, _____ would be directly and immediately affected.

- Ans
- ☒ 1. simple diffusion
 - ☒ 2. translation
 - ☒ 3. intracellular transport
 - ☒ 4. transcription

Question ID : 96623121932

Status : Answered

Chosen Option : 2

Q.45 Benzaldehyde and acetone can be distinguished by:

- Ans
- ☒ 1. Fehling solution test
 - ☒ 2. iodoform test
 - ☒ 3. NaHSO₃ test
 - ☒ 4. nitroprusside test

Question ID : 96623121867

Status : Answered

Chosen Option : 1

Q.46 The gravitational acceleration of the Earth, near the surface, is 9.81 m/s². If a pizza of mass 3.00 kg is dropped from a great height, how far will the pizza fall in 2.00 s?

- Ans
- ☒ 1. 19.6 m
 - ☒ 2. 58.8 m
 - ☒ 3. 29.4 m
 - ☒ 4. 6.0 m

Question ID : 96623121883

Status : Answered

Chosen Option : 1

Q.47 When electrons flow along the electron transport chains of mitochondria, which of the following changes occurs?

- Ans
- ☒ 1. NAD⁺ is oxidised.
 - ☒ 2. The pH of the matrix increases.

- ☐ 3. The electrons gain free energy.
- ☐ 4. ATP synthase pumps protons by active transport.

Question ID : 96623121936
Status : Answered
Chosen Option : 4

Q.48 Which bone is NOT helpful in determining the sex of a human?

- Ans ☐ 1. Skull
- ☒ 2. Vertebra
- ☐ 3. Femur bone
- ☐ 4. Pelvic bone

Question ID : 96623121913
Status : Answered
Chosen Option : 4

Q.49 Which of the following does NOT occur during mitosis?

- Ans ☒ 1. Crossing over of the DNA
- ☐ 2. Condensation of the chromosomes
- ☐ 3. Spindle formation
- ☐ 4. Separation of sister chromatids

Question ID : 96623121939
Status : Answered
Chosen Option : 1

Q.50 Fill in the blank in the following sentence:

As the focal length of the objective lens in a compound microscope is reduced, and if all other factors remain constant, _____.

- Ans ☐ 1. the magnification decreases
- ☒ 2. the magnification increases
- ☐ 3. the field of view increases
- ☐ 4. the resolution decreases

Question ID : 96623121901
Status : Answered
Chosen Option : 2

Q.51 Which of the following metals evolves hydrogen on reaction with cold dilute HNO_3 ?

- Ans ☐ 1. Al
- ☐ 2. Cu
- ☒ 3. Mg
- ☐ 4. Fe

Question ID : 96623121863

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

Q.52 Which of the following metals will exhibit a photoelectric effect most easily?

- Ans
- ☐ 1. Sodium
 - ☐ 2. Lithium
 - ☐ 3. Magnesium
 - ☒ 4. Caesium

Question ID : **96623121853**
Status : **Answered**
Chosen Option : **4**

Q.53 With the increase in atomic weights, the melting points of the alkali metals:

- Ans
- ☐ 1. do not show a definite trend
 - ☐ 2. increase
 - ☐ 3. remain constant
 - ☒ 4. decrease

Question ID : **96623121864**
Status : **Answered**
Chosen Option : **2**

Q.54 Quartz is an example of:

- Ans
- ☐ 1. infinite sheet silicate
 - ☐ 2. cyclic silicate
 - ☒ 3. framework silicate
 - ☐ 4. chain silicate

Question ID : **96623121854**
Status : **Answered**
Chosen Option : **1**

Q.55 A nucleic acid was analysed and found to contain 32 percent A, 18 percent G, 18 percent C, and 32 percent T. The nucleic acid must be:

- Ans
- ☐ 1. double-stranded RNA
 - ☐ 2. single-stranded DNA
 - ☒ 3. double-stranded DNA
 - ☐ 4. single-stranded RNA

Question ID : **96623121927**
Status : **Answered**
Chosen Option : **3**

Q.56 Suppose that you have a sealed, rigid container filled with air. The speed with which the molecules in the container move around depends directly on the:

- Ans
- ☐ 1. number of atoms inside the container

- ☐ 2. mass of the air inside the container
- ☒ 3. temperature of the air inside the container
- ☐ 4. volume of the container

Question ID : 96623121904
Status : Answered
Chosen Option : 1

Q.57 Enzyme required for removing RNA primer during DNA replication is:

- Ans ☐ 1. DNA primase
- ☒ 2. DNA polymerase I
- ☐ 3. DNA polymerase III
- ☐ 4. DNA ligase

Question ID : 96623121928
Status : Answered
Chosen Option : 1

Q.58 Which types of proteins are important in the control of viral infections?

- Ans ☐ 1. none of them
- ☐ 2. Lypo proteins
- ☐ 3. Ribo proteins
- ☒ 4. Glyco proteins

Question ID : 96623121916
Status : Answered
Chosen Option : 2

Q.59 When wine is put in air, it becomes sour due to?

- Ans ☐ 1. formic acid formation
- ☐ 2. virus
- ☐ 3. bacteria
- ☒ 4. oxidation of C_2H_5OH to CH_3COOH

Question ID : 96623121876
Status : Answered
Chosen Option : 4

Q.60 Symbiosis in general involves:

- Ans ☐ 1.
replacement of one organism by another more adapted to its environment
- ☐ 2.
one organism being a host to a parasite that causes it to become ill
- ☐ 3.

cell division, resulting in tissue specialised for certain body functions

✓ 4.

a condition wherein two different organisms live together, and they both benefit

Question ID : 96623121933

Status : Answered

Chosen Option : 4

Q.61 Which of the following is a consequence of biological magnification?

Ans ✓ 1.

Toxic chemicals in the environment pose greater risk to top-level predators than to primary consumers.

✗ 2.

Populations of top-level predators are generally smaller than populations of primary consumers.

✗ 3.

Only a small portion of the energy captured by producers is transferred to consumers.

✗ 4.

The biomass of producers in an ecosystem is generally higher than the biomass of primary consumers.

Question ID : 96623121947

Status : Answered

Chosen Option : 4

Q.62 The term heat of vaporisation refers to:

Ans ✗ 1. the heat produced when a substance vaporises

✗ 2. a device used for vaporising water

✓ 3.

the amount of heat necessary to convert a certain amount of liquid matter to the gaseous state

✗ 4.

the amount of heat necessary to convert a certain amount of solid matter to the liquid state

Question ID : 96623121900

Status : Answered

Chosen Option : 3

Q.63 The most commonly encountered bacteria are roughly spherical. The microbiological term describing this shape is:

Ans ✓ 1. coccus

✗ 2. bacillus

✗ 3. licheniformis

✗ 4. pleomorphic

Question ID : 96623121922

Status : Answered

Chosen Option : 1

Q.64 Stored blood become brown due to the formation of:

Ans ✗ 1. hemoerythrin

✓ 2. methemoglobin

☒ 3. haemoglobin

☒ 4. oxi-haemoglobin

Question ID : 96623121919

Status : Answered

Chosen Option : 1

Q.65 According to the law of conservation of momentum, in an ideal closed system, when two objects collide:

Ans ☒ 1. the magnitudes of their momentum vectors add.

☒ 2. neither object loses or gains any momentum.

☒ 3. the magnitudes of their momentum vectors multiply.

☒ 4. the system neither loses nor gains any total momentum.

Question ID : 96623121885

Status : Answered

Chosen Option : 4

Q.66 Which of the following tools of recombinant DNA technology is INCORRECTLY paired with its use?

Ans ☒ 1.

DNA ligase — cutting DNA, creating sticky ends of restriction fragments

☒ 2.

Reverse transcriptase — production of cDNA from mRNA

☒ 3. Restriction enzyme — analysis of RFLPs

☒ 4.

DNA polymerase — polymerase chain reaction to amplify sections of DNA

Question ID : 96623121951

Status : Answered

Chosen Option : 1

Q.67 The Mohs scale is based on a solid's ability or tendency to:

Ans ☒ 1. scratch or be scratched

☒ 2. fracture under stress

☒ 3. boil when heated

☒ 4. be stretched or compressed

Question ID : 96623121887

Status : Answered

Chosen Option : 4

Q.68 Apoptosis involves all but which of the following?

Ans ☒ 1. Activation of cellular enzymes

☒ 2. Cell-signalling pathways

- ☒ 3. Lysis of the cell
- ☐ 4. Fragmentation of the DNA

Question ID : 96623121938
Status : Answered
Chosen Option : 2

Q.69 The aurora ('northern lights' or 'southern lights') are caused indirectly by:

- Ans ☐ 1. human-made electromagnetic fields
- ☐ 2. the motions of the planets around the Sun
- ☐ 3. the geomagnetic wind
- ☒ 4. solar flares

Question ID : 96623121898
Status : Answered
Chosen Option : 3

Q.70 Zinc salts used in deodorants act as:

- Ans ☒ 1. anti-bacterials as well as antiperspirants
- ☐ 2. antiperspirants and astringents
- ☐ 3. antiperspirants and antiseptics
- ☐ 4. antringents as well as antiseptics

Question ID : 96623121879
Status : Answered
Chosen Option : 2

Q.71 Which ecological pyramid is always upright?

- Ans ☐ 1. Pyramid of biomass
- ☐ 2. Pyramid of number
- ☒ 3. Pyramid of energy
- ☐ 4. Pyramid of carbon

Question ID : 96623121907
Status : Answered
Chosen Option : 1

Q.72 Which of the following is used as a source of oxygen in space capsules, submarines and breathing masks?

- Ans ☐ 1. Na_2O_2
- ☐ 2. K_2O_2
- ☐ 3. KO_2

✓ 4. Li_2O

Question ID : 96623121865
Status : Answered
Chosen Option : 2

Q.73 What is the lifespan of human RBCs?

- Ans
- ✗ 1. 200 Days
 - ✓ 2. 120 Days
 - ✗ 3. 210 Days
 - ✗ 4. 220 Days

Question ID : 96623121920
Status : Answered
Chosen Option : 2

Q.74 Which of the following animals is INCORRECTLY paired with its feeding mechanism?

- Ans
- ✗ 1. Aphid — fluid feeder
 - ✗ 2. Clam — suspension feeder
 - ✓ 3. Lion — substrate feeder
 - ✗ 4. Baleen whale — suspension feeder

Question ID : 96623121944
Status : Answered
Chosen Option : 4

Q.75 During human gestation, rudiments of all organs develop:

- Ans
- ✗ 1. while the embryo is in the oviduct
 - ✓ 2. in the first trimester
 - ✗ 3. in the third trimester
 - ✗ 4. in the second trimester

Question ID : 96623121945
Status : Answered
Chosen Option : 3

Q.76 Which of the pairs of quantities can be expressed using the same unit?

- Ans
- ✗ 1. Power and momentum
 - ✗ 2. Impulse and potential energy
 - ✗ 3. Acceleration and weight
 - ✓ 4. Work and kinetic energy

Question ID : 96623121895
Status : Answered
Chosen Option : 2

Q.77 The innermost layer of the root cortex is the:

- Ans
- ☒ 1. pericycle
 - ☐ 2. endodermis
 - ☐ 3. vascular cambium
 - ☐ 4. core

Question ID : 96623121942

Status : Answered

Chosen Option : 2

Q.78 Which of the following is NOT true for cathode rays?

- Ans
- ☐ 1. A stream of electrons
 - ☒ 2. Move with speed the same as that of light
 - ☐ 3. Charged particles
 - ☐ 4. Can be deflected by a magnetic field

Question ID : 96623121858

Status : Answered

Chosen Option : 1

Q.79 The number of neutrons in an element's nucleus determines:

- Ans
- ☒ 1. the isotope of the element
 - ☐ 2. the ion of the element
 - ☐ 3. the atomic number of the element
 - ☐ 4. nothing, neutrons never exist in atomic nuclei

Question ID : 96623121897

Status : Answered

Chosen Option : 3

Q.80 In an egg cell treated with EDTA, a chemical that binds calcium and magnesium ions:

- Ans
- ☐ 1. the acrosomal reaction would be blocked
 - ☒ 2. the fertilisation envelope would not form
 - ☐ 3. the fusion of sperm and egg nuclei would be blocked
 - ☐ 4. the fast block to polyspermy would not occur

Question ID : 96623121946

Status : Answered

Chosen Option : 1

Q.81 What is the correct decreasing order of the ionisation potential of the following elements?

Al, Cl, Mg, Ne, P, S

Ans

- ☒ 1. $\text{Ne} > \text{Cl} > \text{P} > \text{S} > \text{Mg} > \text{Al}$
- ☐ 2. $\text{Ne} > \text{Cl} > \text{P} > \text{S} > \text{Al} > \text{Mg}$
- ☐ 3. $\text{Ne} > \text{Cl} > \text{S} > \text{P} > \text{Mg} > \text{Al}$
- ☐ 4. $\text{Ne} > \text{Cl} > \text{S} > \text{P} > \text{Al} > \text{Mg}$

Question ID : 96623121860

Status : Answered

Chosen Option : 1

Q.82 All the elements of a group in the periodic table have the same:

Ans

- ☐ 1. number of protons
- ☐ 2. atomic weight
- ☐ 3. mass number
- ☒ 4. number of electrons for bonding

Question ID : 96623121859

Status : Answered

Chosen Option : 1

Q.83 The greenhouse effect in the Earth's environment takes place because:

Ans

- ☐ 1. the polar ice caps are melting.
- ☒ 2.
the atmosphere is transparent to IR at some wavelengths and opaque to IR at other wavelengths.
- ☐ 3.
the atmosphere does not contain enough oxygen to block IR from the Sun.
- ☐ 4. the ozone hole is growing, letting in more and more IR.

Question ID : 96623121894

Status : Answered

Chosen Option : 4

Q.84 Types of fungi that get much of their nutrition from rotting plants and leaves are called:

Ans

- ☐ 1. pathogenic
- ☐ 2. parasitic
- ☐ 3. gram-positive
- ☒ 4. saprophytic

Question ID : 96623121934

Status : Answered

Chosen Option : 4

Q.85 A cordless telephone is advertised as operating at a frequency of 900 MHz. This is the same as a frequency of:

Ans

- ☐ 1. $9.00 \times 10^5 \text{ Hz}$
- ☒ 2. 0.900 GHz

- ☒ 3. 0.900 THz
- ☒ 4. 9.00×10^4 GHz

Question ID : 96623121902
Status : Answered
Chosen Option : 2

Q.86 What are maggots?

- Ans ☒ 1. Larvae of a fly
- ☒ 2. Eggs of a fly
- ☒ 3. Pupae of a fly
- ☒ 4. Matured fly

Question ID : 96623121910
Status : Answered
Chosen Option : 3

Q.87 Which of the following is used to make non-stick cookware?

- Ans ☒ 1. Polystyrene
- ☒ 2. PVC
- ☒ 3. Polytetrafluoroethylene
- ☒ 4. Poly (ethylene terephthalate)

Question ID : 96623121878
Status : Answered
Chosen Option : 3

Q.88 Which of the following statements is FALSE?

- Ans ☒ 1.
A concave mirror can collimate light rays from a point source.
- ☒ 2. A convex lens can bring parallel light rays to a focus.
- ☒ 3. A concave lens makes close-up objects appear smaller.
- ☒ 4.
A convex mirror can be used as the main objective in a reflecting telescope.

Question ID : 96623121893
Status : Answered
Chosen Option : 4

Q.89 Antichlor is a compound which:

- Ans ☒ 1. removes Cl_2 from a material
- ☒ 2. acts as a catalyst in the manufacture of Cl_2
- ☒ 3. absorbs chlorine

 4. liberates Cl_2 from bleaching powder

Question ID : 96623121875

Status : Answered

Chosen Option : 4

Q.90 The shortest C – C bond distance is found in:

- Ans
-  1. ethane
 -  2. benzene
 -  3. diamond
 -  4. acetylene

Question ID : 96623121870

Status : Answered

Chosen Option : 3

Q.91 Which of the following vaccine is used for tuberculosis?

- Ans
-  1. OPV
 -  2. ATS
 -  3. BCG
 -  4. DPT

Question ID : 96623121909

Status : Answered

Chosen Option : 4

Q.92 If an enzyme in a solution is saturated with a substrate, the most effective way to obtain a faster yield of products is to:

- Ans
-  1. add more substrate
 -  2. add an allosteric inhibitor
 -  3. heat the solution to 90 °C
 -  4. add more of the enzyme

Question ID : 96623121935

Status : Answered

Chosen Option : 4

Q.93 Which of the following processes is NOT spontaneous?

- Ans
-  1. Dissolution of copper sulphate in water
 -  2. Reaction between hydrogen and oxygen to form water
 -  3. Water flowing downhill
 -  4. Flow of current from high potential to low potential

Question ID : 96623121857

Status : Answered

Chosen Option : 4

Q.94 A speed boat initially traveling at a speed of 16 meters per second accelerates uniformly to a speed of 20 meters per second over a distance of 36 meters. What is the magnitude of the boat's acceleration?

- Ans
- ☒ 1. 0.22 m/s^2
 - ☒ 2. 0.11 m/s^2
 - ☒ 3. 9.0 m/s^2
 - ☒ 4. 2.00 m/s^2

Question ID : 96623121881

Status : Answered

Chosen Option : 3

Q.95 An ampere also can be regarded as:

- Ans
- ☒ 1. a volt-ohm
 - ☒ 2. an ohm per watt
 - ☒ 3. an ohm per volt
 - ☒ 4. a volt per ohm

Question ID : 96623121889

Status : Answered

Chosen Option : 2

Q.96 Three living species X, Y, and Z share a common ancestor T, as do extinct species U and V. A grouping that consists of species T, X, Y, and Z (but not U or V) makes up:

- Ans
- ☒ 1. a paraphyletic group
 - ☒ 2. a valid taxon
 - ☒ 3. a monophyletic clade
 - ☒ 4. a polyphyletic group

Question ID : 96623121941

Status : Answered

Chosen Option : 4

Q.97 The Einstein equation ' $E=mc^2$ ' might be applied directly to calculate the:

- Ans
- ☒ 1. energy produced when oxygen and iron react to form rust
 - ☒ 2. mass produced when two atoms of hydrogen and one atom of oxygen combine to form a molecule of water
 - ☒ 3. energy produced by a matter-antimatter reaction
 - ☒ 4. energy produced by the electrolysis of water

Question ID : 96623121899

Status : Answered

Chosen Option : 4

Q.98 Species belonging to different time periods are:

- Ans
- ☒ 1. parapatric species
 - ☒ 2. allochronic species
 - ☒ 3. synchronic species
 - ☒ 4. allopatric species

Question ID : 96623121906

Status : Answered

Chosen Option : 4

Q.99 Which of the following sequences correctly represents the flow of electrons during photosynthesis?

- Ans
- ☒ 1. NADPH $\rightarrow$ chlorophyll $\rightarrow$ Calvin cycle
 - ☒ 2. NADPH $\rightarrow$ O₂ $\rightarrow$ CO₂
 - ☒ 3. H₂O $\rightarrow$ NADPH $\rightarrow$ Calvin cycle
 - ☒ 4. H₂O $\rightarrow$ photosystem I $\rightarrow$ photosystem II

Question ID : 96623121937

Status : Answered

Chosen Option : 4

Q.100 Osteoblasts are found in:

- Ans
- ☒ 1. Cartilage
 - ☒ 2. Muscle
 - ☒ 3. Blood
 - ☒ 4. Bone

Question ID : 96623121918

Status : Answered

Chosen Option : 4

Section : General Hindi

Q.1 'वपु' का पर्यायवाची है:

- Ans
- ☒ 1. द्रव्य
 - ☒ 2. मन
 - ☒ 3. तन
 - ☒ 4. धन

Question ID : 96623121962

Status : Answered

Chosen Option : 1

Q.2 'दीर्घकाय' किसका विलोम है?

- Ans
- ☒ 1. मोटा
 - ☒ 2. कृशकाय

- ☒ 3. दुर्जन
- ☒ 4. छुबला

Question ID : 96623121966

Status : Answered

Chosen Option : 2

Q.3 'विभव' का विलोम है:

- Ans ☒ 1. पराभव
- ☒ 2. छुराचार
- ☒ 3. वैभव
- ☒ 4. उत्कर्ष

Question ID : 96623121964

Status : Answered

Chosen Option : 1

Q.4 "शुक" का पर्यायवाची नहीं है।

- Ans ☒ 1. केकी
- ☒ 2. शिखावल
- ☒ 3. कलापी
- ☒ 4. कीर

Question ID : 96623121960

Status : Answered

Chosen Option : 2

Q.5 'पल्लव, पर्ण, द्रुमदल' किसके पर्याय है?

- Ans ☒ 1. पति
- ☒ 2. वृक्ष
- ☒ 3. पत्ता
- ☒ 4. श्राह

Question ID : 96623121963

Status : Answered

Chosen Option : 3

Q.6 'अंग' का अर्थ नहीं है:

- Ans ☒ 1. भाग्य
- ☒ 2. शरीर
- ☒ 3. अवयव
- ☒ 4. अंश

Question ID : 96623121952

Status : Answered

Chosen Option : 1

Q.7 निम्नलिखित में से शुद्ध है:

Ans

- ☒ 1. स्वातन्त्र
- ☒ 2. उपलक्ष
- ☒ 3. उच्छृंखल
- ☒ 4. द्विधा

Question ID : 96623121955

Status : Answered

Chosen Option : 2

Q.8 'अ' प्रत्यय से बना हुआ शब्द है:

- Ans
- ☒ 1. माननीय
 - ☒ 2. दानव
 - ☒ 3. पवन
 - ☒ 4. कडुआ

Question ID : 96623121956

Status : Answered

Chosen Option : 4

Q.9 'तरंग' का अर्थ नहीं है:

- Ans
- ☒ 1. उमंग
 - ☒ 2. स्वर लहरी
 - ☒ 3. लहर
 - ☒ 4. सागर

Question ID : 96623121953

Status : Answered

Chosen Option : 4

Q.10 'इन्दा' प्रत्यय से बनने वाला शब्द नहीं है।

- Ans
- ☒ 1. शर्मिन्दा
 - ☒ 2. चुनिन्दा
 - ☒ 3. बाशिन्दा
 - ☒ 4. गोविन्दा

Question ID : 96623121957

Status : Answered

Chosen Option : 4

Q.11 निम्नलिखित में से संयुक्त वाक्य है:

- Ans
- ☒ 1. माँ ने बहू को साड़ी दी।
 - ☒ 2. गुरु जी ने कहा कि पृथ्वी गोल है।
 - ☒ 3. माँ बेटे को नहलाकर विद्यालय भेजती है।
 - ☒ 4. प्रशान्त अथवा वर्षा गाना गायेगी।

Question ID : 96623121959

Status : Answered

Chosen Option : 4

Q.12 द्विगु समास का उदाहरण नहीं है:

- Ans  1. शतक
 2. पंचानन
 3. पच्चीस
 4. नवरत्न

Question ID : 96623121958

Status : Answered

Chosen Option : 3

Q.13 'आभा, छवि, दीप्ति' किसके पर्याय है?

- Ans  1. चन्द्रमा
 2. दीपक
 3. ज्योति
 4. ज्योत्सना

Question ID : 96623121961

Status : Answered

Chosen Option : 3

Q.14 'शोषण' का अर्थ बताने वाला अंग्रेजी शब्द है:

- Ans  1. Explanation
 2. Expenditure
 3. Exploitation
 4. External

Question ID : 96623121954

Status : Answered

Chosen Option : 3

Q.15 'अवर' का विलोम है:

- Ans  1. प्रवर
 2. आवर
 3. प्रावर
 4. आगे

Question ID : 96623121965

Status : Answered

Chosen Option : 3

Section : General English

Q.1 Fill in the blank space with the correct word from the four choices given below.

He refrained_____ scolding his child until the company left.

- Ans  1. from
 2. at
 3. to

 4. of

Question ID : 96623121974

Status : Answered

Chosen Option : 4

Q.2 Choose the word whose meaning is closest to the underlined word.

All the applications were quashed by the company CEO.

- Ans  1. accepted
 2. rejected
 3. neglected
 4. questioned

Question ID : 96623121978

Status : Answered

Chosen Option : 2

Q.3 Out of the four alternatives suggested, select the one which best expresses the given sentence in reported speech.

Ramya said, "I shall be 21 tomorrow."

- Ans  1. Ramya said that I should be 21 tomorrow.
 2. Ramya told that she should be 21 the following day.
 3. Ramya told that she would be 21 tomorrow.
 4. Ramya said that she would be 21 the following day.

Question ID : 96623121971

Status : Answered

Chosen Option : 2

Q.4 Three of the words are related in some way, the remaining word is not related to the rest. You have to pick the word which does not fit in the relation and mark that as your answer.

- Ans  1. Taciturn
 2. Silent
 3. Reserved
 4. Clamorous

Question ID : 96623121968

Status : Answered

Chosen Option : 1

Q.5 Choose the correct option from the given options based on the definition of the one word substitute.

A person who is new to a trade or profession.

- Ans  1. Cynic
 2. Neophyte
 3. Maniac
 4. Novice

Question ID : 96623121967

Status : Answered

Chosen Option : 4

Q.6 Fill in the blank of the sentence using one from the words, idioms or phrases provided in the four alternatives.

Nordisk has recently _____ a product called Glucometer.

- Ans
- ☒ 1. Begun
 - ☒ 2. Started
 - ☒ 3. Launched
 - ☒ 4. Commissioned

Question ID : 96623121969

Status : Answered

Chosen Option : 3

Q.7 Fill in the blank with the right form of the word.

The village was situated at a distance of about ten miles from Punjab. I _____ by a cycle and reached my friend's house at noon.

- Ans
- ☒ 1. was travelling
 - ☒ 2. travel
 - ☒ 3. travelled
 - ☒ 4. has travelled

Question ID : 96623121970

Status : Answered

Chosen Option : 3

Q.8 Choose the word whose meaning is closest to the bold lettered word.

Many villages were swept away by the DELUGE

- Ans
- ☒ 1. torrent
 - ☒ 2. weapon
 - ☒ 3. terrorist attacks
 - ☒ 4. famine

Question ID : 96623121977

Status : Answered

Chosen Option : 1

Q.9 Select the correct sentence structure from the given four choices.

- Ans
- ☒ 1. There will not be enough time.
 - ☒ 2. Will not be enough time there.
 - ☒ 3. There not will be enough time.
 - ☒ 4. Enough time will there not be.

Question ID : 96623121976

Status : Answered

Chosen Option : 1

Q.10 Replace the underlined part in the given sentence with the correct option.

The Chief Minister has no correspondence along with his China delegates for a long time.

- Ans ☒ 1. correspondence with
☐ 2. correspondence for
☐ 3. correspondence to
☐ 4. correspondence between

Question ID : 96623121973

Status : Answered

Chosen Option : 1

Q.11 Choose the word whose meaning is closest to the underlined word.

Students are always diligent in performing their duties.

- Ans ☐ 1. lazy
☐ 2. reliable
☒ 3. hard working
☐ 4. eminent

Question ID : 96623121979

Status : Answered

Chosen Option : 2

Q.12 Select the word that is furthest (opposite) in meaning to the underlined word.

The principal berated his students

- Ans ☐ 1. lectured
☒ 2. praised
☐ 3. ranked
☐ 4. disciplined

Question ID : 96623121981

Status : Answered

Chosen Option : 2

Q.13 In the following sentence, there is an error either in the form or in the placement of either adjective or adverb. Choose the one which is correct out of the four alternatives given.

Raju holds a more superior position than Mohan.

- Ans ☐ 1. Raju holds a position more superior than Mohan.
☐ 2. Raju's position is not as superior as Mohan's.
☒ 3. Raju holds a superior position than Mohan.
☐ 4. Raju's position is more superior than Mohan's.

Question ID : 96623121972

Status : Answered

Chosen Option : 3

Q.14 Select the word that is furthest (opposite) in meaning to the given word.

Bewilder

- Ans
- ☒ 1. Gladden
 - ☒ 2. Bemuse
 - ☒ 3. Mystify
 - ☒ 4. Enlighten

Question ID : 96623121980

Status : Answered

Chosen Option : 3

Q.15 Choose the part of the sentence which has an error.

Reshma told me (a)/that she wrote a letter (b)/to her superior(c)/for a certain reason (d).

- Ans
- ☒ 1. b
 - ☒ 2. d
 - ☒ 3. c
 - ☒ 4. a

Question ID : 96623121975

Status : Answered

Chosen Option : 3

Section : Regional Language

Q.1 “यदि रमेश परिश्रम करता तो अवश्य उत्तीर्ण हो जाता” यह किस प्रकार का वाक्य है?

- Ans
- ☒ 1. मिश्र वाक्य
 - ☒ 2. संयुक्त वाक्य
 - ☒ 3. आज्ञार्थक वाक्य
 - ☒ 4. साधारण वाक्य

Question ID : 96623121993

Status : Answered

Chosen Option : 1

Q.2 ‘चपला, चंचला, तड़ित’ निम्नलिखित में से किस शब्द के पर्यायवाची हैं?

- Ans
- ☒ 1. लक्ष्मी
 - ☒ 2. धन
 - ☒ 3. बुद्धि
 - ☒ 4. विद्युत

Question ID : 96623121984

Status : Answered

Chosen Option : 4

Q.3 निम्नलिखित में से कौन-सा शब्द हिंदी के “केतु” शब्द के अर्थ का द्योतक नहीं है?

- Ans
- ☒ 1. पुच्छल तारा
 - ☒ 2. ध्वजा
 - ☒ 3. घड़ा
 - ☒ 4. ग्रह

Question ID : 96623121991

Status : Answered

Chosen Option : 2

Q.4 “जिसका कथन न किया जा सके” वाक्यांश के लिए एक शब्द क्या है?

- Ans
- ☐ 1. अशोभनीय
 - ☐ 2. अपठनीय
 - ☐ 3. अभाष्य
 - ☒ 4. अकथनीय

Question ID : 96623121989

Status : Answered

Chosen Option : 4

Q.5 “अज्ञ” का विलोम शब्द क्या है?

- Ans
- ☒ 1. विज्ञ
 - ☐ 2. अनज्ञ
 - ☐ 3. नासमझ
 - ☐ 4. मूर्ख

Question ID : 96623121988

Status : Answered

Chosen Option : 1

Q.6 “हाथ पांव फूलना” मुहावरे का क्या अर्थ है?

- Ans
- ☐ 1. बहुत तेज दौड़ना
 - ☐ 2. चल नहीं पाना
 - ☒ 3. घबरा जाना
 - ☐ 4. बीमार हो जाना

Question ID : 96623121982

Status : Answered

Chosen Option : 3

Q.7 निम्नलिखित में से कौन-सा शब्द युग्म सही नहीं है?

- Ans
- ☐ 1. अक्षत - विक्षत
 - ☐ 2. अकंटक - कंटकित
 - ☒ 3. अकेला – अनजान
 - ☐ 4. अगम - सुगम

Question ID : 96623121987

Status : Answered

Chosen Option : 2

Q.8 ‘सारंग, कुरंग, कस्तूरी’ निम्नलिखित में से किस शब्द के पर्यायवाची हैं?

- Ans
- ☐ 1. दीमक
 - ☐ 2. लोमड़ी

- ☒ 3. मृग
☐ 4. सिंह

Question ID : 96623121985

Status : Answered

Chosen Option : 3

Q.9 “अनघा तुम गाना गाओ!” यह किस प्रकार का वाक्य है?

- Ans ☐ 1. निषेधात्मक वाक्य
☒ 2. आज्ञार्थक वाक्य
☐ 3. इच्छासूचक वाक्य
☐ 4. विधानार्थक वाक्य

Question ID : 96623121992

Status : Answered

Chosen Option : 2

Q.10 “लाल-पीला होना” मुहावरे का क्या अर्थ है?

- Ans ☒ 1. क्रोधित होना
☐ 2. लालची होना
☐ 3. प्रसन्न होना
☐ 4. भाग जाना

Question ID : 96623121995

Status : Answered

Chosen Option : 1

Q.11 “शाखामृग” निम्नलिखित में से किस शब्द का पर्यायवाची है?

- Ans ☒ 1. बंदर
☐ 2. शाखा
☐ 3. हाथी
☐ 4. मृग

Question ID : 96623121986

Status : Answered

Chosen Option : 1

Q.12 “अपनी करनी पार उतरनी” लोकोक्ति का क्या अर्थ है?

- Ans ☐ 1. अपना माल बचाकर दूसरों का माल हड़पना
☒ 2. स्वयं का परिश्रम ही काम आता है
☐ 3. अयोग्य व्यक्ति को अच्छी वस्तु मिलना
☐ 4. ओछा आदमी अधिक इतराता है

Question ID : 96623121983

Status : Answered

Chosen Option : 2

Q.13 “वह जिसे क्षमा न किया जा सके” वाक्यांश के लिए एक शब्द क्या है?

Ans

- ☒ 1. अवैध
- ☒ 2. अक्षमा
- ☒ 3. असभ्य
- ☒ 4. अक्षम्य

Question ID : 96623121990

Status : Answered

Chosen Option : 4

Q.14 “सुशील ने कहा कि मैं गाँव नहीं जाऊँगा” में ‘सुशील’ क्या है?

- Ans ☒ 1. कर्ता
- ☒ 2. क्रिया
 - ☒ 3. वाच्य
 - ☒ 4. कर्म

Question ID : 96623121994

Status : Answered

Chosen Option : 1

Q.15 “सिर उठाना” मुहावरे का क्या अर्थ है?

- Ans ☒ 1. नींद से जग जाना
- ☒ 2. कठिन परिश्रम करना
 - ☒ 3. बहुत चतुर होना
 - ☒ 4. विद्रोह करना

Question ID : 96623121996

Status : Answered

Chosen Option : 4