

AP DEECET 2025

Hall Ticket Number	
Participant Name	
Test Center Name	
Test Date	02/06/2025
Test Time	2:00 PM - 4:30 PM
Subject	Physical Science English

Section : **Part A**

Q.1 Mentally retorted child is there in our catchment area. As a teacher you will join him in this school

- (1) Bhavitha Centre
- (2) Anganwadi Center
- (3) K.G.B.V
- (4) Pre Primary School

Ans ✓ 1. 1

✗ 2. 2

✗ 3. 3

✗ 4. 4

Question ID : 3734712404
Chosen Option : 4

Q.2 As a teacher you have to follow this to improve retention ability among students is

- (1) News reading
- (2) Giving home work
- (3) Practicing tables and poems
- (4) Drawing

Ans ✗ 1. 1

✗ 2. 2

✓ 3. 3

✗ 4. 4

Question ID : 3734712401
Chosen Option : 3

Q.3 This is useful to make children hand writing good

- (1) Imposition writing
- (2) Copy book writing
- (3) Dictation
- (4) Habituate children to write from early years.

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712402
Chosen Option : 4

Q.4 Identify wrong statement related to achievement level of children

- (1) Every child has his own learning level.
- (2) Do not compare children.
- (3) Children cannot learn without motivation.
- (4) Children cannot learn if parents are illiterate.

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712403
Chosen Option : 1

Q.5 The schools established exclusively for the meritorious children resides in rural areas is

- (1) Model Schools
- (2) Sainik Schools
- (3) Navodaya Vidyalaya
- (4) Central Schools

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712405
Chosen Option : 3

Q.6

Printing Press was invented by

- (1) Johannes Gutenberg
- (2) George Claude
- (3) Alexander Fleming
- (4) Karl Benz

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712409
Chosen Option : 3

Q.7

Sardar Sarovar dam is located in this State

- (1) Tamilnadu
- (2) Uttarakhand
- (3) Bihar
- (4) Gujarat

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712408
Chosen Option : 2

Q.8

Person who invented Amrutnjan and also titled as Desabandhu,
Desoddharaka was

- (1) Kasinathuni Nageswara Rao
- (2) Kandukuri Veeresalingam
- (3) Tanguturi Prakasam
- (4) Konda Venkatappayya

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712410
Chosen Option : 2

Q.9

The game that is known as 'King of Games'

- (1) Cricket
- (2) Volley ball
- (3) Chess
- (4) Kabadi

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712407
Chosen Option : 1

Q.10

Sahitya Academy winner for Children Literature in Telugu for the year 2023 is

- (1) Dasari Amarendra
- (2) Juluru Gouri Sankar
- (3) D. K. Chaduvula Babu
- (4) Johny Thakkedasila

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712406
Chosen Option : 3

Q.11

At the age of 15, Einstein felt so satisfied that he left the school for good.

Identify the meaning of the phrase 'for good'

- (1) permanently
- (2) for a short time
- (3) for his benefit
- (4) for a sorrowful reason

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712414
Chosen Option : 1

Q.12

I visited Delhi last month.

The above sentence is in

- (1) the simple present tense
- (2) the past perfect tense
- (3) the simple past tense
- (4) the simple future tense

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712415
Chosen Option : 2

Q.13

The committee has _____ to make Jagadish captain of the team. The _____ is likely to please everyone.

Choose the pair of words that fits the blanks in the sentence above respectively.

- (1) decided - decision
- (2) decision - decided
- (3) decision - deciding
- (4) deciding - decide

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712412
Chosen Option : 1

Q.14

I took out a small black tin box.

Identify the word that indicates size in the sentence above.

- (1) box
- (2) tin
- (3) black
- (4) small

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712413**
Chosen Option : **4**

Q.15

Identify the noun form from the following

- (1) Creative
- (2) Creatively
- (3) Creativity
- (4) Creativity

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712411**
Chosen Option : **4**

Q.16

‘అదికవి’ అని వీరి బిరుదు

- (1) నన్నయ
- (2) తిక్కన
- (3) ఎర్రన
- (4) పోతన

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712418
Chosen Option : 1

Q.17

కింది వాటిలో అనునాసికాలు

- (1) శ, ష, స, హ
- (2) య, ర, ల, వ
- (3) క, ఖ, ఙ, చ
- (4) జ, ణ, న, మ

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712416
Chosen Option : 3

Q.18

“పనిని ప్రారంభించు” అనే అర్థంలో ఉపయోగించు జాతీయం

- (1) మిన్నందుకొను
- (2) గజ్జెకట్టు
- (3) కాలక్షేపం
- (4) చరమాంకం

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712417
Chosen Option : 1

Q.19

కింది వాటిలో నిత్య బహువచనం

- (1) ఇనుము
- (2) బియ్యము
- (3) కందులు
- (4) వరి

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712419
Chosen Option : 3

Q.20

‘మానవ చరిత్ర’ - ఈ సమాసానికి సరిపోయే విగ్రహవాక్యం

- (1) మానవుల వలన చరిత్ర
- (2) మానవుల చేత చరిత్ర
- (3) మానవుల కొరకు చరిత్ర
- (4) మానవుల యొక్క చరిత్ర

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712420
Chosen Option : 4

Q.21

I understand your problems; _____ I can't help you.

Choose the linker that fits the blank in the sentence

- (1) neither
- (2) in spite of
- (3) similarly at the same time
- (4) however

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712429
Chosen Option : 4

Q.22

Read the following passage.

My austere father used to avoid all inessential comforts and luxuries. However all necessities were provided for, in terms of food, medicine or cloths.

The above passage says that

- (1) The speaker allowed his father to enjoy all inessential comforts and luxuries.
- (2) The speaker's father is fond of luxuries.
- (3) Food and medicine are inessential.
- (4) The speaker's father was a strict person.

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712430

Chosen Option : 4

Q.23

Identify the noun form from the following

- (1) dense
- (2) stable
- (3) ability
- (4) pleasant

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712426

Chosen Option : 3

Q.24

Mohan advises people what to do about jobs, personal problems etc. He works as a _____ in our college.
Choose the word that fits the blank meaningfully.

- (1) Counsellor
- (2) Journalist
- (3) Engineer
- (4) Navigator

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712421
Chosen Option : 1

Q.25

The blue umbrella was _____ for brother and sister.

Choose the best option that fit the blank.

- (1) anxious enough
- (2) serious enough
- (3) big enough
- (4) kind enough

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712425
Chosen Option : 4

Q.26

My friend lost his chemistry book. Now he does 'nt know _____ to do and _____ to look for it.

Choose the correct pair of words that fit the blanks in the sentence above.

- (1) what - which
- (2) where - what
- (3) what - where
- (4) when - when

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712423**
Chosen Option : **3**

Q.27

I wish I _____ a cup of milk.

Choose the verb that fits the blank

- (1) have
- (2) have to
- (3) have been
- (4) had

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712422**
Chosen Option : **1**

Q.28

She fainted when she saw a tiger.

Choose the meaning of the word 'fainted'

- (1) treated kindly
- (2) found something
- (3) gained profit
- (4) lost consciousness

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712424**
Chosen Option : **4**

Q.29

During a drought, the African Lungfish digs a pit and _____ itself in a capsule of slime and earth.

Choose the verb that fits the blank.

- (1) enclosing
- (2) enclose
- (3) enclosed
- (4) encloses

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712427**
Chosen Option : **3**

Q.30

Seema asked her, "how long have you lived here?"

Choose the indirect speech of the sentence above.

- (1) Seema told her how long had she lived there.
- (2) Seema asked her how long she had lived there.
- (3) Seema asked how long if she had lived there.
- (4) Seema asked him if she lived there.

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712428
Chosen Option : 1

Q.31

A cone with a height of 16 cm and radius of base 4 cm is made up of modeling clay. A boy reshapes it in the form of a sphere. What is the radius of sphere?

- (1) 4 cm
- (2) 6 cm
- (3) 5 cm
- (4) 7 cm

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712433
Chosen Option : 2

Q.32

If $A = (2^2) \times 3$, $B = (2^2)^3$ then, which of the following is TRUE.

- (1) $A > B$
- (2) $A < B$
- (3) $A = B$
- (4) It cannot be decided

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712440
 Chosen Option : 2

Q.33

Two concentric circles drawn with radii of 5 cm and 4 cm respectively.
 What is the length of the chord of the larger circle which touches the smaller circle?

- (1) 5 cm
- (2) 6 cm
- (3) 8 cm
- (4) 10 cm

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712437
 Chosen Option : 4

Q.34

Raju made 42 runs in 6 overs. Mahesh made 63 runs in 7 overs.
 Which of the following is TRUE statement.

- (1) Raju made more runs per over
- (2) Mahesh made more runs per over
- (3) Both made same number of runs per over
- (4) It can't be decided who made more runs per over

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712439
 Chosen Option : 2

Q.35

The false statements among the following are

- i) Every whole number is a natural number.
- ii) Every whole number is an integer.
- iii) Every whole number is a rational number.

- (1) (i) & (ii)
- (2) (ii) & (iii)
- (3) (i) & (iii)
- (4) (i), (ii) & (iii)

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712431
Chosen Option : 4

Q.36

a and b are any two rational numbers. Then which of the following is a FALSE statement.

- (1) $a + b$ is a rational number
- (2) $a - b$ is a rational number
- (3) $a \times b$ is a rational number
- (4) $\frac{a}{b}$ is a rational number

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712436
Chosen Option : 4

Q.37

Factorization of $4b - 6ab - 6 + 9a$

- (1) $(2b - 3)(2 - 3a)$
- (2) $(2b - 3)(2 + 3a)$
- (3) $(3 - 2b)(2 + 3a)$
- (4) $(2b + 3)(2 - 3a)$

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712435
 Chosen Option : 1

Q.38

The ratio of the sides of a triangular park is 5 : 8 : 12. It's perimeter is 250m. What is its area.

- (1) $375\sqrt{5} \text{ m}^2$
- (2) $375\sqrt{3} \text{ m}^2$
- (3) $375\sqrt{15} \text{ m}^2$
- (4) 375 m^2

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712438
 Chosen Option : 4

Q.39

The heights of 10 boys were measured in cm and the results are as follows:

135, 150, 139, 128, 151, 132, 146, 149, 143, 141.

How many boys have heights more than the median height?

- (1) 2
- (2) 3
- (3) 4
- (4) 5

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712434
 Chosen Option : 4

Q.40

The angle that lies between $\frac{1}{4}$ and $\frac{1}{2}$ of a revolution

- (1) Straight angle
- (2) Acute angle
- (3) Obtuse angle
- (4) Reflex angle

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712432
 Chosen Option : 1

Q.41

Bakelite and Melamine are the examples of

- (1) Eco plastics
- (2) Thermo plastics
- (3) Bio degradable plastics
- (4) Thermosetting plastics

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712449
Chosen Option : 2

Q.42

Major part of gas in air is

- (1) Nitrogen
- (2) Oxygen
- (3) Carbon-di-Oxide
- (4) Neon

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712443
Chosen Option : 3

Q.43

Deuterium is the isotope of this element

- (1) Oxygen
- (2) Sodium
- (3) Helium
- (4) Hydrogen

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712447
Chosen Option : 2

Q.44

The range of temperature in clinical thermometer is

- (1) 27°C - 37°C
- (2) 35°C - 100°C
- (3) 35°C - 42°C
- (4) 10°C - 100°C

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712445
Chosen Option : 1

Q.45

Washing Soda formula

- (1) $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
- (2) Na_2CO_3
- (3) NaHCO_3
- (4) $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712442
Chosen Option : 1

Q.46

Which of the following is not related to 'bone'

- (1) adipose
- (2) ligament
- (3) tendon
- (4) cartilage

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712448

Chosen Option : 4

Q.47

SI units of Potential Difference is

- (1) ampere
- (2) coulomb
- (3) joule
- (4) volt

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712446

Chosen Option : 1

Q.48

Bacterial disease among the following is

- (1) Polio
- (2) Typhoid
- (3) Hepatitis
- (4) Measles

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712450
Chosen Option : 2

Q.49

'Loop of Henle' is a part of this organ

- (1) Liver
- (2) Kidney
- (3) Heart
- (4) Lungs

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712441
Chosen Option : 4

Q.50

Theory of natural selection was proposed by

- (1) Lamarck
- (2) Charles Darwin
- (3) Weismann
- (4) Mendal

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712444
Chosen Option : 1

Q.51

One of the following is not a fixed capital

- (1) tools
- (2) money in hand
- (3) machines
- (4) buildings

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712458
Chosen Option : 2

Q.52

The planet known as the 'Earth's twin' is

- (1) Jupiter
- (2) Saturn
- (3) Venus
- (4) Mars

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712451
Chosen Option : 3

Q.53

Delhi Sultan who changed the capital from Delhi to Devagiri was

- (1) Qutbuddin Aybak
- (2) Muhammad Bin Tughlaq
- (3) Kizar Khan
- (4) Ibrahim Lodi

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712453
Chosen Option : 1

Q.54

The fundamental right that prevents the employment of children under 14 years of age.

- (1) Right to equality
- (2) Right to freedom
- (3) Right against exploitation
- (4) Right to Constitutional remedies

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712456
Chosen Option : 1

Q.55

“Desa bhashalandu Telugu lessa” stated by

- (1) Sri Krishna Devaraya
- (2) Achyutharaya
- (3) Narasimharaya
- (4) Ramaraya

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712454
Chosen Option : 2

Q.56

River Godavari originates at

- (1) Triyambak plateau
- (2) Mahabaleswar
- (3) Amarkantak
- (4) Sihawa

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : **3734712459**

Chosen Option : **2**

Q.57

India is located in this hemisphere

- (1) Northern
- (2) Southern
- (3) Eastern
- (4) Western

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : **3734712452**

Chosen Option : **3**

Q.58

Who among the following was the dictator of Germany

- (1) Mussolini
- (2) Hitler
- (3) Stalin
- (4) Ho Chi Minh

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712460
Chosen Option : 4

Q.59

The term refers to the existence of more than one level of government in the country is

- (1) Parliamentary form of governance
- (2) Federalism
- (3) Secularism
- (4) Socialism

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712455
Chosen Option : 1

Q.60

This is not a neighbouring country of India.

- (1) China
- (2) Nepal
- (3) Pakistan
- (4) Thailand

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712457
Chosen Option : 3

Section : **Part B**

Q.61

The amount of charge flowing per second per unit area normal to the flow is called

- (1) Current density
- (2) Electric potential
- (3) Conductivity
- (4) Electric power

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : **3734712474**
Chosen Option : **3**

Q.62

The role of the self induction in a circuit is equivalent to

- (1) Momentum
- (2) Force
- (3) Energy
- (4) Inertia

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : **3734712476**
Chosen Option : **1**

Q.63

Rutherford's alpha (α) particle experiment prove the existance of

- (1) Neutrons
- (2) Nucleus
- (3) Electrons
- (4) Protons

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : **3734712478**
Chosen Option : **2**

Q.64

If $|\vec{a} \times \vec{b}| = |\vec{a} \cdot \vec{b}|$, the angle between vectors $\vec{a}$ and $\vec{b}$ is

- (1) 90°
- (2) 0°
- (3) 45°
- (4) 30°

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712465
 Chosen Option : 3

Q.65

The quantity that remains constant when Earth revolves around the Sun is

- (1) Velocity
- (2) Energy
- (3) Linear momentum
- (4) Angular momentum

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712467
 Chosen Option : 3

Q.66

Thermodynamic variable defined by first law of thermodynamics is

- (1) Temperature
- (2) Internal energy
- (3) Heat
- (4) Pressure

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712470
 Chosen Option : 4

Q.67

The force (F) between two electrons separated by a distance 'd' varies as

- (1) $F \propto d$
- (2) $F \propto \frac{1}{d^2}$
- (3) $F \propto d^2$
- (4) $F \propto \frac{1}{d}$

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712473**
Chosen Option : **3**

Q.68

The small unit among the following is

- (1) Millimeter
- (2) Angstrom
- (3) Fermi
- (4) Meter

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : **3734712461**
Chosen Option : **3**

Q.69

Stars are twinkling due to

- (1) diffraction
- (2) reflection
- (3) refraction
- (4) scattering

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712472
Chosen Option : 4

Q.70

Strain energy per unit volume is equal to

- (1) $\frac{1}{2} \times stress \times strain$
- (2) $stress \times strain$
- (3) $\frac{1}{4} \times stress \times strain$
- (4) $stress \times (strain)^2$

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712468
Chosen Option : 3

Q.71

The time period of seconds pendulum is

- (1) 1 sec
- (2) 2 sec
- (3) 4 sec
- (4) 6 sec

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712466
Chosen Option : 3

Q.72

The property of converting alternating current into direct current is called

- (1) Rectification
- (2) Amplification
- (3) Regulation
- (4) Purification

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712480
Chosen Option : 3

Q.73

The instrument that measures the strength of electric current is

- (1) Voltmeter
- (2) Potentiometer
- (3) Galvanometer
- (4) Ammeter

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712475
Chosen Option : 2

Q.74

A constant retarding force of 50N is applied to a body of mass 20kg moving initially with a speed of 15m/s. The time taken by the body to stop is

- (1) 5 sec
- (2) 6 sec
- (3) 2 sec
- (4) 4 sec

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712463
 Chosen Option : 1

Q.75

The ratio of speed of infrared rays and Ultra violet rays in vacuum is

- (1) 4 : 1
- (2) 2 : 1
- (3) 1 : 1
- (4) 1 : 2

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712477
 Chosen Option : 4

Q.76

The trajectory of an object thrown at a certain angle with the horizontal is

- (1) hyperbola
- (2) parabola
- (3) ellipse
- (4) circle

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712462
 Chosen Option : 1

Q.77

The boiling point of water at normal atmospheric pressure is

- (1) 273 K
- (2) 0 K
- (3) 373 K
- (4) 100 K

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712469
Chosen Option : 3

Q.78

Hydrogen bomb works on the following principle

- (1) Controlled fusion reaction
- (2) Un controlled fusion reaction
- (3) Controlled fission reaction
- (4) Un controlled fission reaction

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712479
Chosen Option : 1

Q.79

The rate of work done is equal to

- (1) Energy
- (2) Force
- (3) Power
- (4) Momentum

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712464
Chosen Option : 4

Q.80

If λ is the wave length, the distance between a node and antinode in a stationary wave is equal to

- (1) λ
- (2) $\frac{\lambda}{2}$
- (3) 2λ
- (4) $\frac{\lambda}{4}$

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712471
 Chosen Option : 2

Q.81

This does not participate in Aldol condensation

- (1) HCHO
- (2) CH₃CHO
- (3) CH₃COCH₃
- (4) CH₃CH₂CHO

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712489
 Chosen Option : 1

Q.82

Moderator used in Nuclear reactor is

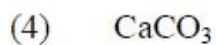
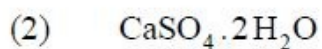
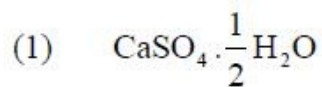
- (1) H₂O
- (2) H₂O₂
- (3) D₂O
- (4) HCl

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712495
 Chosen Option : 4

Q.83

Formula of Plaster of Paris



Ans ☒ 1. 1

☐ 2. 2

☐ 3. 3

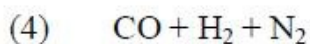
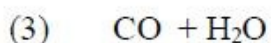
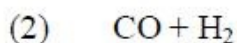
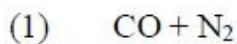
☐ 4. 4

Question ID : 3734712496

Chosen Option : 4

Q.84

Water gas is a mixture of



Ans ☐ 1. 1

☒ 2. 2

☐ 3. 3

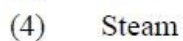
☐ 4. 4

Question ID : 3734712497

Chosen Option : 4

Q.85

In Electrolysis of aqueous K_2SO_4 , the gas evolved at anode is



Ans ☐ 1. 1

☒ 2. 2

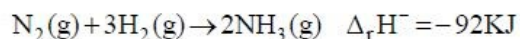
☐ 3. 3

☐ 4. 4

Question ID : 3734712482

Chosen Option : 2

Q.86



For above reaction the value of standard enthalpy of formation is

- (1) + 92 KJ
- (2) + 46 KJ
- (3) - 92 KJ
- (4) - 46 KJ

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712494
 Chosen Option : 1

Q.87

The method that is used for converting sea water into drinking water is

- (1) Osmosis
- (2) Reverse Osmosis
- (3) Osmotic pressure
- (4) Steam Distillation

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712481
 Chosen Option : 4

Q.88

Substance that has highest p^{ka} value is

- (1) m - Nitro phenol
- (2) o - Nitro phenol
- (3) phenol
- (4) p - Nitro phenol

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712490
 Chosen Option : 4

Q.89 Which of the following is Bio degradable polymer

- (1) Nylon 6, 6
- (2) Buna - s
- (3) Rubber
- (4) PHBV (Poly β - hydroxy buterate - co β - hydroxy velarate)

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712487
Chosen Option : 4

Q.90 The element that establish highest catenation property is

- (1) Carbon
- (2) Silicon
- (3) Sulphur
- (4) Phosphorus

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712498
Chosen Option : 3

Q.91 At this concentration soap water behaves like colloidal solution.

- (1) High concentration
- (2) Low concentration
- (3) Moderate concentration
- (4) Zero concentration

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712484
Chosen Option : 3

Q.92

Which of the following has highest Dipole moment

- (1) CH_4
- (2) CH_2Cl_2
- (3) CHCl_3
- (4) CCl_4

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712488
 Chosen Option : 2

Q.93

Identify the one that has highest Ionization Energy

- (1) Ne
- (2) Na^+
- (3) Ar
- (4) Kr

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712492
 Chosen Option : 2

Q.94

The set of Quantum numbers that does not possible is

- (1) $n = 1, l = 1, m_l = 0, m_s = +1/2$
- (2) $n = 1, l = 0, m_l = 0, m_s = -1/2$
- (3) $n = 2, l = 1, m_l = 0, m_s = +1/2$
- (4) $n = 3, l = 1, m_l = 0, m_s = +1/2$

Ans  1. 1
 2. 2
 3. 3
 4. 4

Question ID : 3734712491
 Chosen Option : 2

Q.95

'Aqua regia' is a mixture of

- (1) Three parts of con. HCl + One part of con. HNO₂
- (2) Two parts of con. HCl + Two parts of con. HNO₃
- (3) Three parts of con. HCl + One part of con. HNO₃
- (4) One part of con. HCl + Three parts of con. HNO₃

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712485
Chosen Option : 4

Q.96

In which of the following order reactions, Half life does not depend on initial concentration.

- (1) Zero order reaction
- (2) First order reaction
- (3) Third order reaction
- (4) Fourth order reaction

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712483
Chosen Option : 1

Q.97

The correct order of inter molecular interactions in different states is

- (1) solid > liquid > gas
- (2) liquid > solid > gas
- (3) gas > liquid > solid
- (4) solid > gas > liquid

Ans  1. 1

 2. 2

 3. 3

 4. 4

Question ID : 3734712500
Chosen Option : 1

Q.98

In d - block elements, variation in atomic size from left to right is

- (1) decreases.
- (2) increases.
- (3) decreases, but at the end of series slightly increases.
- (4) increases, but at the end of series slightly decreases.

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712486
 Chosen Option : 3

Q.99

Oxidation numbers of "S" atoms in $S_4O_6^{-2}$ ion are

- (1) +5, 0, 0, +5
- (2) +6, 0, 0, +6
- (3) +5, -2, -2, +5
- (4) +5, -1, -1, +5

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712493
 Chosen Option : 1

Q.100

The shape of SF_6 is

- (1) Tetrahedral
- (2) Trigonal bipyramidal
- (3) Octahedral
- (4) Trigonal planar

Ans ☒ 1. 1
☒ 2. 2
☒ 3. 3
☒ 4. 4

Question ID : 3734712499
 Chosen Option : 2