

Bihar STET

Previous Year Paper

PGT (Chemistry)

14 Sept, 2023 Shift 1

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QUESTION PAPER
Uchcha Madhyamic Chemistry [SHIFT - 1]

Exam Date : 14/09/2023

Time : 03:00 PM - 05:30 PM

Subject Name : Chemistry

Subject Code : 215

Subject Question

Question 1

The Vander Waal's equation explains the behaviour of

Answer :

- (A) Ideal gases
- (B) Real gases
- (C) Vapour
- (D) Non-real gases

Question Id : 1

Option Id

- ☐ 1001
- ☐ 1002
- ☐ 1003
- ☐ 1004

Right Answer :

Real gases

Right Option Id : 1002

Question 2

Gases deviate from the ideal gas behaviour because their molecules

Answer :

- (A) Possess negligible volume
- (B) Have forces of attraction between them
- (C) Are polyatomic
- (D) Are not attracted to one another

Question Id : 55

Option Id

- ☐ 55001
- ☐ 55002
- ☐ 55003
- ☐ 55004

Right Answer :

Have forces of attraction between them

Right Option Id : 55002

Question 3

according to Boyle's law the volume of a fixed mass of a gas, at constant temperature, is

Answer :

- (A) directly proportional to its pressure
- (B) inversely proportional to its pressure
- (C) the square root of its pressure
- (D) none of these

Question Id : 54

Option Id

- ☐ 54001
- ☐ 54002
- ☐ 54003
- ☐ 54004

Right Answer :

inversely proportional to its pressure

Right Option Id : 54002

Question 4

The root-mean square deviation is also called.....

Answer :

- (A) Mean deviation
- (B) Standard deviation
- (C) Quartile deviation
- (D) None of these

Question Id : 53

Option Id

- ☐ 53001
- ☐ 53002
- ☐ 53003
- ☐ 53004

	52001
(B) The angle of reflection of X-rays	52002
(C) The angle of diffraction of X-rays	52003
(D) The angle of refraction of X-rays	52004

Right Answer :
The angle of incidence of X-rays

Right Option Id : 52001

	51001
(B) Beta rays	51002
(C) Microwave	51003
(D) Visible light	51004

Right Answer :
Gamma rays

Right Option Id : 51001

	50001
(B)	50002
(C)	50003
(D)	

Question 8
The study of reaction kinetics is called _____
Answer :
(A) Rate of reaction
(B) Mechanism of reaction
(C) Factors which affect the rate of reaction
(D) All of the mentioned

Right Answer :
All of the mentioned

Right Option Id : 49004

	Question Id : 49
	Option Id
	49001
	49002
	49003
	49004

- (B) Concentration of products and temperature

48001
- (C) Rate constant and temperature

48002
- (D) Rate of catalysis and temperature

48003
- 48004

Right Answer :
Rate constant and temperature

Right Option Id : 48003

- (C) Both the above

47002
- (D) Second order reaction

47003
- 47004

Right Answer :
First order Reaction

Right Option Id : 47002

- (B) 10

46001
- (C) 100

46002
- (D) 50

46003
- 46004

Right Answer :
10

Right Option Id : 46002

- 45001
- (B) The total number of ionic species in the solution

Question 13
Molarity of a solution is expressed as:
Answer :

Question Id : 44
Option Id

	44001
(B) the number of moles of a solute present in 1000 gm of the solvent.	44002
(C) the number of gram equivalent of solute present in one litre of solution.	44003
(D) the ratio of the number of moles of solute to the total number of moles of solution.	44004

Right Answer :
the number of moles of a solute present in one litre of the solution.

Right Option Id : 44001

Question 14 Which one of the following is not a colligative property? Answer : (A) Osmotic pressure. (B) Elevation in boiling point. (C) Freezing point.	Question Id : 43 Option Id 43001 43002
--	--

Question 15 The enthalpy of formation is nonzero for Answer : (A) O ₂ (B) Cu (C) O ₃ (D) H ⁺	Question Id : 42 Option Id 42001 42002 42003 42004
--	--

Right Answer :
O₃

Right Option Id : 42003

Question 16 The enthalpy of an exothermic reaction Answer : (A) Is always Positive (B) Is always negative (C) Is always zero	Question Id : 41 Option Id 41001 41002
--	--

Question 17 Helmholtz free energy is called Answer : (A) Power function (B) Work function (C) Gibbs function	Question Id : 56 Option Id 56001 56002 56003
--	---

- (B) 3.0

57001
- (C) 0.5

57002
- (D) 0.25

57003
- 57004

Right Answer :
0.25

Right Option Id : 57004

- (D) Temperature to fall

58003
- 58004

Right Answer :
Amount of solid to decrease

Right Option Id : 58001

Question 20

In a reversible reaction, if the concentration of reactants are doubled, the equilibrium constant K will

Answer :

(A) Change to $\frac{1}{4}$ K

(B) Change to $\frac{1}{2}$ K

(C) Change to 2K

(D) Remain the same

Question Id : 67

Option Id

67001

67002

67003

- (C) Application of Gibbs free energy

73002
- (D) Application of force

73003
- 73004

- (B) Maximum

72001
- (C) Infinity

72002
- (D) Zero

72003
- 72004

Right Answer :
Minimum

Right Option Id : 72001

- (B) Ratio of distribution or partition coefficient

71001
- 71003
- (D) Ratio of heat of supply

Question 24

Which of the following is incorrect at equilibrium?

Answer :

(A) There is no net transfer of electrons, so $E = 0$.

(B) There is no net transfer of electrons, so $E^\circ = 0$.

(C) $Q > K$.

(D) $Q < K$.

Question Id : 70

Option Id

70001

70002

70003

70004

Right Answer :
There is no net transfer of electrons, so $E^\circ = 0$.

Right Option Id : 70002

- 69002
- (C) $Q = nF$

69003
- (D) $Q = n2F$

69004

Right Answer :
 $Q = nF$

Right Option Id : 69003

Question 26

Question Id : 68

(B) $\text{ohm}^{-1} \text{cm}^{-1}$	68001
(C) ohm^{-1}cm	68002
(D) ohm cm^{-1}	68003
	68004

Right Answer :
 $\text{ohm}^{-1} \text{cm}^{-1}$

Right Option Id : 68002

Question 27 What is the increasing order for the values of e/m for Answer :	Question Id : 66 Option Id
(A)	66001
(B)	66002
(C)	66003
(D)	66004

Right Answer :

Right Option Id : 66004

(B) Number of protons.	59001
	59004

Right Answer :
Number of protons.

Right Option Id : 59002

Question 29 Nickel has atomic number 28. The correct electronic configuration is Answer :	Question Id : 65 Option Id
(A) $1s_2 2s_2 2p_4 3s_2 3p_8 3d_{10}$	
(C) $1s_2 2s_2 2p_4 3s_2 3p_6 4s_2$	65002
(D) $1s_2 2s_2 3s_2 3p_8 3d_{10}$	65003

64001

- (C) The square root of the frequencies of characteristic X-rays of elements against their atomic numbers
- (D) The reciprocal of the frequencies of characteristic X-rays of elements against their atomic numbers

64002

64003

- (B) the fourth period
- (C) the fifth period
- (D) the eight period

63001

63002

63003

63004

Right Answer :
the second period

Right Option Id : 63001

- (D) $F > Cl > Br > I$ Bond dissociation energy

62003

62004

Right Answer :
 $F > Cl > Br > I$ Bond dissociation energy

Right Option Id : 62004

Question 33

The correct order of increasing electron gain enthalpy with a negative sign for the elements O, S, F, and Cl is :

Answer :

- (A) $Cl < F < S < O$
- (B) $O < S < F < Cl$
- (C) $F < S < O < Cl$
- (D) $S < O < Cl < F$

Right Answer :
 $Cl < F < S < O$

Question Id : 61

Option Id

61001

61002

61003

61004

Right Option Id : 61001

- (C) dsp^3 Hybridisation

60002

60003

60004

Right Answer :
sp³d² Hybridisation

Right Option Id : 60004

40001

40002

40003

40004

- (B) valence electrons
- (C) surroundings
- (D) atmosphere

Right Answer :
valence electrons

Right Option Id : 40002

39001

39002

39003

- (B) 0.98
- (C) 1.0
- (D) 0.52

38001

38002

38003

38004

- (B) Melting point
- (C) Coefficient of thermal expansion
- (D) Electrical resistivity

Right Answer :
Electrical resistivity

Right Option Id : 38004

37002

37003

37004

- (C) Calcium Sulphate
- (D) Calcium Carbonate

Right Answer :
Calcium Hydroxide

Right Option Id : 37002

- (B) They are highly stable

17001
- (C) They are diamagnetic

17002
- (D) They are paramagnetic

17003
- 17004

Right Answer :
They are diamagnetic

Right Option Id : 17003

- (B) Phosphorus

16001
- (C) Sulphur

16002
- (D) Selenium

16003
- 16004

Right Answer :
Phosphorus

Right Option Id : 16002

- (B) 3 to 10

15001
- (C) 3 to 12

15002
- (D) 13 to 18

15003
- 15004

Right Answer :
3 to 10

Right Option Id : 15002

- (B) P

14001
- (C) c

14002
- (D) f

14003
- 14004

Right Answer :
c

Right Option Id : 14003

Question 43
Which block elements are less electropositive in modern periodic table ?

Question Id : 13

	13002
(C) d	13003
(D) f	13004

Right Answer :
p

Right Option Id : 13002

	12001
(B) Hybridisation	12002
(C) Valence bond theory	12003
(D) Molecular orbital theory	12004

Right Answer :
Molecular orbital theory

Right Option Id : 12004

	11003
(D) Neither primary nor secondary valency is ionizable	11004

Right Answer :
Primary valency is ionizable

Right Option Id : 11001

Question 46 Which of the following compound is paramagnetic? Answer : (A) Hexa amine chromium (III) ion (B) Tetraamminezinc (II) ion (C) Tetracyanonickelate (II) ion (D) Diammine silver (I) ion	Question Id : 10 Option Id 10001 10002 10003
--	---

Question 47 As per Arrhenius Concept, Weak Acid among These is___? Answer : (A) HCL (B) HNO ₃	Question Id : 9 Option Id 9001 9002
---	---

9004

Right Answer :
HCN

Right Option Id : 9003

Question 48
As per the Bronsted and Lowry Concept, a Base is a Substance that___
Answer :
(A) Accepts proton
(B) Donates proton
(C) Accepts neutron

Question Id : 8
Option Id
8001
8002

(C) Molecules in which the central atom has incomplete octet
(D) Simple cations

7002
7003
7004

Right Answer :
Negatively charged species or Anions and Neutral Species with one lone pair of electrons

Right Option Id : 7001

Question 50
Which of the following gases is not a green house gas?
Answer :
(A) CO

(B) O₃
(C) CH₄
(D) H₂O vapour

Question Id : 6
Option Id
6001
6002
6003
6004

Right Answer :
CO

Right Option Id : 6001

(B) O₃
(C) SO₂
(D) Unsaturated hydrocarbon

5001
5002
5003
5004

Right Answer :
SO₂

Right Option Id : 5003

- (B) Produced in cold and humid climate.
- (C) It contains compounds of reducing nature.

4001

4002

- (C) highly polluted.
- (D) not suitable for aquatic life.

3002

3003

3004

Right Answer :
rich in dissolved oxygen.

Right Option Id : 3001

- (B) One-half's character

18001

- (D) two-third's character

18003

18004

Right Answer :
One-fourth's character

Right Option Id : 18001

- (B) Ethane
- (C) Benzene
- (D) Acetylene

2001

2002

2003

2004

Right Answer :
Acetylene

Right Option Id : 2004

- | | |
|---------------------------|-------|
| | 19001 |
| (B) Dispersion forces | 19002 |
| (C) ion dipole attraction | 19003 |
| (D) hydrogen bonding | 19004 |

Right Answer :

Dispersion forces

Right Option Id : 19002

- | | |
|------------------------|-------|
| | 21002 |
| (C) 1,3-cyclohexadiene | 21003 |
| (D) Benzene | 21004 |

Right Answer :

Benzene

Right Option Id : 21004

- | | |
|---------------|-------|
| | 36002 |
| (C) Annulenes | 36003 |
| (D) cumulenes | 36004 |

Right Answer :

Annulenes

Right Option Id : 36003

- | | |
|----------------------|-------|
| | 35002 |
| (C) Acetic anhydride | 35003 |
| (D) Methyl acetate | 35004 |

Right Answer :

Acetyl chloride

Right Option Id : 35002

(B) Carbocation	34001
(D) Carbene	34003
	34004

Right Answer : Carbocation **Right Option Id : 34002**

(B) Tartaric acid	33001
(C) Propylene dibromide	33002
	33004

Right Answer : 1,2- dibromo cyclopropane **Right Option Id : 33004**

Question 62 Optically active isomers that are not mirror images of each other are called Answer :	Question Id : 32 Option Id
(A) Enantiomers	32001
(B) Mesoisomers	32002
(C) Tautomer's	32003
(D) diastereomers	

Question 63 Which of the following objects is chiral? Answer :	Question Id : 31 Option Id
(A) Hammer	31001
(B) Ear	31002
(C) Spoon	31003
(D) Fork	

Question 64 The smallest alkane having a 3° carbon is Answer :	Question Id : 30 Option Id
(A) Isopentane	30001
(B) 2,3-dimethylbutane	30002

(C) 2,2-dimethylpropane

☐ 30003

(D) isobutane

☐ 30004

Right Answer :
isobutane

Right Option Id : 30004

Question 65

Which of the following would yield a single monohalogen derivative?

Answer :

(A) Propane

Option Id

☐ 29001

(B) Cyclopropane

☐ 29002

(C) Propene

☐ 29003

(D) Propyne

☐ 29004

Right Answer :
Cyclopropane

Right Option Id : 29002

Question 66

The carbon-carbon bond in cyclopropane is called

Answer :

(A) sigma bond

Option Id

☐ 28001

(B) Pi bond

☐ 28002

(C) tau bond

☐ 28003

(D) delta bond

☐ 28004

Right Answer :
tau bond

Right Option Id : 28003

Question 67

The IUPAC name of t-butyl group is

Answer :

(A) 1,1dimethylethyl

Option Id

☐ 27001

(B) 2-methylpropyl

☐ 27002

(C) 1-methylpropyl

☐ 27003

(D) 1-methylethyl

☐ 27004

Right Answer :
1,1dimethylethyl

Right Option Id : 27001

Question 68

Which of the following reagents would convert 1-butyne into 2-butyne?

Answer :

(A) Ethanolic KOH, heat

Option Id

☐ 26001

(B) $\text{NaNH}_2/\text{NH}_3(\text{l})$

☐ 26002

(C) Ammoniacal AgNO_3

☐ 26003

(D) Ammoniacal CuCl

☐ 26004

Question Id : 26

- | | |
|------------------------|-------|
| | 25002 |
| (C) Fehling's solution | 25003 |
| (D) Baeyer's reagent | 25004 |

Right Answer :
Baeyer's reagent

Right Option Id : 25004

- | | |
|-------|-------|
| | 24001 |
| (B) 3 | 24002 |
| (C) 4 | 24003 |
| (D) 6 | |

- | | |
|--------------------------------|-------|
| | 23001 |
| (B) Nucleophilic addition | 23002 |
| (C) Electrophilic addition | 23003 |
| (D) Electrophilic substitution | 23004 |

Right Answer :
Electrophilic substitution

Right Option Id : 23004

- | | |
|-------------------------------------|-------|
| | 22002 |
| (C) Kolbe synthesis by electrolysis | 22003 |
| (D) Dehydrohalogenation | 22004 |

Right Answer :
Friedel craft alkylation

Right Option Id : 22002

Question 73

Aromatic compounds burn with a sooty flame because

Answer :

- (A) They have a ring structure
- (B) They are reluctant to react with atmospheric oxygen
- (C) They have a relatively high percentage of carbon
- (D) They have a relatively high percentage of hydrogen

Right Answer :

They have a relatively high percentage of carbon

Question Id : 74

Option Id

74001

74002

74003

74004

Right Option Id : 74003

Question 74

The rate of nitration of phenol is

Answer :

- (A) Slower than that of benzene
- (B) Much faster than that of benzene
- (C) Equal to that of benzene
- (D) Almost zero

Question Id : 20

Option Id

20001

20002

20003

(B) t-butyl chloride

(C) Benzyl chloride

(D) Vinyl chloride

Right Answer :

Vinyl chloride

75001

75002

75003

75004

Right Option Id : 75004

(B) Cl_3CHO

(C) CCl_4

(D) $\text{ClCH}_2\text{CH}_2\text{Cl}$

Right Answer :

CHCl_3

78001

78002

78003

78004

Right Option Id : 78001

- (C) Diphenylmethanol 92002
- (D) triphenylmethanol 92003
- 92004

Right Answer :
triphenylmethanol

Right Option Id : 92004

- (D) $C_6H_5CH_2Cl$ 93003
- 93004

Right Answer :
 $(C_6H_5)_3C-Cl$

Right Option Id : 93003

Question 79

Benzaldehyde reacts with PCl_5 to give

Answer :

- (A) Benzyl Chloride
- (B) Benzo trichloride
- (C) Benzal chloride
- (D) chlorobenzene

Question Id : 94

Option Id

94001

94002

94003

Question 80

Methanol can be distinguished from ethanol by

Answer :

- (A) Sodium
- (B) Lucas reagent
- (C) Tollens reagent
- (D) I_2 and NaOH

Question Id : 97

Option Id

97001

97002

97003

Question 81

Piperidine is a

Answer :

- (A) homocyclic compound
- (B) heterocyclic aromatic compound
- (C) nonaromatic heterocyclic compound

Question Id : 96

Option Id

96001

96002

96003

- (B) propionamide

91001
- (C) formamide

91002
- (D) methyl cyanide

91003
- 91004

Right Answer :
propionamide

Right Option Id : 91002

- (D) Pyridine>furan>Pyrrole>thiophene

98003
- 98004

Right Answer :
Pyridine>thiophene>Pyrrole>furan

Right Option Id : 98003

Question 84

Which one amongst the following compounds is the least basic?

Answer :

(A) Piperidine

(B) Pyridine

(C) Pyrrole

Question Id : 99

Option Id

99001

99002

- (B) 3- pentanone

100001
- (C) Pentanal

100002
- (D) Methyl butanoate

100003
- 100004

Right Answer :
Pentanal

Right Option Id : 100003

Question 86

Which is not present in Grignard reagent?

Answer :

- (A) Methyl group
- (B) Magnesium
- (C) Halogen
- (D) –COOH group

Question Id : 95

Option Id

- 95001
- 95002
- 95003

- (B) Ethyl benzoate
- (C) 4,4-dimethylcyclohexanone
- (D) 4-heptanone

- 90001
- 90002
- 90003
- 90004

Right Answer :
4-heptanone

Right Option Id : 90004

- (B) insulin
- (C) Albumin
- (D) collagen

- 77001
- 77002
- 77003
- 77004

Right Answer :
Haemoglobin

Right Option Id : 77001

- (B)
- (C)
- (D)

- 88001
- 88002
- 88003

Question 90

Question Id : 87

- (B) polymerization

87001
- (C) Esterification

87002

87004

Right Answer :
hydrolysis

Right Option Id : 87001

Question 91

Turpentine is an essential oil obtained from

Answer :

(A) camphor tree

(B) Pine tree

(C) Lemon tree

Question Id : 89

Option Id

89001

89002

89004

Right Answer :
Pine tree

Right Option Id : 89002

Question 92

Among the following which one has the least iodine number?

Answer :

(A) Sunflower oil

(B) Corn oil

(C) Ghee

(D) Peanut oil

Question Id : 86

Option Id

86001

86002

86003

Question 93

Which of the following gives maximum energy in a metabolic process?

Answer :

(A) Carbohydrates

(B) Proteins

(C) Fats

(D) Vitamins

Question Id : 85

Option Id

85001

85002

85003

Question 94

The polymers that cannot form intermolecular hydrogen bond are

Answer :

(A) Nylon 6

Question Id : 84

Option Id

- (D) Nylon 6,6

84003

84004

Right Answer :
Polythene

Right Option Id : 84002

- (B) Terylene

76001

76002
- (C) 6,6

76003

76004
- (D) Neoprene

76004

Right Answer :
Neoprene

Right Option Id : 76004

- (B) Triethylaluminium and titanium tetrachloride

83001

83003
- (D) Titanium isopropoxide

83003

Question 97

Which of the following is used as defoliant?

Answer :

(A) Gammaxene

(B) DDT

(C) 2,4-dichlorophenoxyacetic acid

(D) Acetylsalicylic acid

Question Id : 82

Option Id

82001

82002

82003

Question 98

Which of the following is not a semisynthetic polymer?

Answer :

(A) cis-polyisoprene

(B) Cellulose nitrate

(C) Cellulose acetate

(D) Vulcanised rubber

Question Id : 81

Option Id

81001

81002

81003

81004

Right Answer :
cis-polyisoprene

Right Option Id : 81001

- (B) Orlon (acrilan)
(C) PVC
(D) Bakelite

80001
80002
80003
80004

Right Answer :
Orlon (acrilan)

Right Option Id : 80002

- (B) Methyl red
(C) Phenolphthalein
(D) All of these

79001
79002
79003
79004

Right Answer :
All of these

Right Option Id : 79004

- (B) analysis
(C) evaluation
(D) synthesis

120001
120002
120003
120004

Right Answer :
synthesis

Right Option Id : 120004

- (B) autocratic learning
(C) democratic learning
(D) all the above

121001
121002
121003
121004

Right Answer :
autonomous learning

Right Option Id : 121001

Question 103

Bloom's taxonomy explores

Answer :

- (A) cognitive domain
- (B) affective domain
- (C) psychomotor domain
- (D) all the above

Question Id : 125

- Option Id
- 125001
 - 125002
 - 125003

Question 104

Knowledge which is related to facts is

Answer :

- (A) conceptual knowledge
- (B) metacognitive knowledge
- (C) procedural knowledge
- (D) factual knowledge

Question Id : 123

- Option Id
- 123001
 - 123002
 - 123003

Question 105

Putting together elements to form a new pattern is

Answer :

- (A) analysis
- (B) synthesis
- (C) organisation
- (D) comprehension

Question Id : 124

- Option Id
- 124001
 - 124002
 - 124003

Question 106

Example of a psychomotor activity is

Answer :

- (A) performs an experiment
- (B) narrates a story
- (C) demonstrates
- (D) computes result of two experiment

Question Id : 119

- Option Id
- 119001
 - 119002
 - 119003
 - 119004

Right Answer :

performs an experiment

Right Option Id : 119001

Question 107

The rule of presenting the contents to make them easy is

Question Id : 117

	117001
(B) maxims of teaching	
	117003
(D) teaching strategies	
	117004
Right Answer : maxims of teaching	Right Option Id : 117002

	126001
(B) new knowledge	
	126003
(D) statement of aim	
	126004
Right Answer : previous knowledge	Right Option Id : 126001

	127001
(B) ensources activities of the classroom	
	127003
(D) all the above	
	127004
Right Answer : all the above	Right Option Id : 127004

	128001
(B) Vygotsky	
	128003
(D) Gagne	
	128004
Right Answer : Herbart	Right Option Id : 128001

	129001
(B) speech disorder characterized by stuttering and errors in articulation.	
	129002

(D) neurological disorder characterized by trouble in forming letters and shapes.

129003

129004

Right Answer :
neurological disorder characterized by trouble in forming letters and shapes.

Right Option Id : 129004

(B) differentiated instruction

108001

108002

(C) enrichment

Question 113
Which of the following is a typical characteristic of students having autism?
Answer :
(A) higher level of communication skills
(B) superior ability of differentiating fiction from fact
(C) advanced social-emotional reciprocity
(D) frequent repetitive and recurring behaviour

Question Id : 130
Option Id
130001
130002
130003
130004

Right Answer :
frequent repetitive and recurring behaviour

Right Option Id : 130004

(B) Effective leadership qualities

122001

122002

(C) Concern for students' welfare

(B) ask them to meet after the class

118001

118002

(C) ignore the demand and start teaching

118003

(D) scold the student for this unwanted demand

118004

Right Answer :
tell them about himself in brief

Right Option Id : 118001

- (C) Purposeful
- (D) All of the above

115002
115003
115004

Right Answer :
All of the above

Right Option Id : 115004

- (B) Informal
- (C) Non formal
- (D) None of these

116001
116002
116003
116004

Right Answer :
Formal

Right Option Id : 116001

- (B) Good communication skill
- (C) Effective leadership qualities
- (D) None of these

101001
101002
101003
101004

Right Answer :
Sound knowledge of a subject matter

Right Option Id : 101001

- (B) should have lots of patience
- (C) Both A & B

102001
102002

102004

Right Answer :
Both A & B

Right Option Id : 102003

Question 120

Which of the following teacher, will be liked most?

Answer :

- (A) A teacher who often amuses his students
- (B) A loving teacher
- (C) A teacher of high idealistic attitude
- (D) None of these

Right Answer :
A loving teacher

Question Id : 104

Option Id

- ☐ 104001
- ☐ 104002
- ☐ 104003
- ☐ 104004

Right Option Id : 104002

Question 121

Evaluation is-

Answer :

- (A) Continuous process
- (B) Periodic process
- (C) Half-yearly process
- (D) Annual process

Right Answer :
Continuous process

Question Id : 105

Option Id

- ☐ 105001
- ☐ 105002
- ☐ 105003
- ☐ 105004

Right Option Id : 105001

Question 122

Comprehensive process at Judging is-

Answer :

- (A) Assessment
- (B) Measurement
- (C) Evaluation
- (D) Examination

Right Answer :
Evaluation

Question Id : 106

Option Id

- ☐ 106001
- ☐ 106002
- ☐ 106003
- ☐ 106004

Right Option Id : 106003

Question 123

What type of Test is summative evaluation?

Answer :

- (A) Teacher-made Test
- (B) External Test
- (C) Internal Test
- (D) All of the above

Right Answer :
All of the above

Question Id : 107

Option Id

- ☐ 107001
- ☐ 107002
- ☐ 107003
- ☐ 107004

Right Option Id : 107004

Question 124

The Principle of curriculum is not based upon-----

Answer :

Question Id : 103

Option Id

- (C) Community Life
- (D) Family Life

103002
103003
103004

Right Answer :
Family Life

Right Option Id : 103004

- (B) Content
- (C) Teacher
- (D) Evaluation

109001
109002
109003
109004

Right Answer :
Teacher

Right Option Id : 109003

- (B) Home
- (C) Classroom
- (D) Syllabus

110001
110002
110003

Question 127
The fundamental principles of counselling are-
Answer :

- (A) Autonomy
- (B) Justice
- (C) Fidelity
- (D) All the above

Question Id : 111

Option Id
111001
111002
111003

Question 128
At present the most effective mode of learning is -
Answer :

- (A) Self learning
- (B) Face to face learning
- (C) Blendid learning

Question Id : 112

Option Id
112001
112002

(D) All the above ☐ 112004

Right Answer : Blendid learning **Right Option Id : 112003**

Question 129 **Question Id : 113**

The best way of learning is-
Answer : Option Id
(A) Seeing ☐ 113001
(B) Writing ☐ 113002
(C) Doing ☐ 113003
(D) Reading ☐ 113004

Right Answer : Doing **Right Option Id : 113003**

Question 130 **Question Id : 114**

3 Dimensional teaching aid is
Answer : Option Id
(A) Black board ☐ 114001
(B) Model ☐ 114002
(C) Chart ☐ 114003
(D) All of the above ☐ 114004

Right Answer : Model **Right Option Id : 114002**

Other Skills

Question 131 **Question Id : 149**

The East India Association was set up in :
Answer : Option Id
(A) 1866 ☐ 149001
(B) 1857 ☐ 149002
(C) 1836 ☐ 149003
(D) 1885 ☐ 149004

Right Answer : 1866 **Right Option Id : 149001**

Question 132 **Question Id : 148**

Which among the following is the origin of the Damodar river ?
Answer : Option Id
(A) Greater Himalaya ☐ 148001
(B) Kumaon Himalaya ☐ 148002
(C) Sahyadri hills ☐ 148003
(D) Chota nagpur ☐ 148004

	147001
(B) 1961-66	147002
(C) 1969-1974	147003
(D) 1979-1984	147004

Right Answer :
1951-56

Right Option Id : 147001

	146001
(B) Haathi	146002
(C) Development	146003
(D) Malba	146004

Right Answer :
Chowkidari

Right Option Id : 146001

	145001
(B) Afghanistan	145002
(C) Germany	145003
(D) Russia	145004

Right Answer :
Afghanistan

Right Option Id : 145002

	144001
(B) A-I, B-III, C-II, D-IV	144002
(C) A-IV, BIII, C-II, D-I	144003
(D) A-III, B-IV, C-I, D-II	144004

	143001
(B) Odisha	143002
(C) Karnataka	143003
(D) Kerala	143004

Right Answer :
Odisha

Right Option Id : 143002

	142001
(B) B and C	142002
(C) A and C	142003
(D) A and B	142004

Right Answer :
A and D

Right Option Id : 142001

	141001
(B) 146 g	141002
(C) 142 g	141003
(D) 143 g	141004

Right Answer :
144 g

Right Option Id : 141001

	131001
(B) Tin and copper	131002
(C) Copper and zinc	131003
(D) Aluminium and zinc	131004

- (B) 36
- (C) 28
- (D) 32

- 139001
- 139002
- 139003
- 139004

Right Answer :
28

Right Option Id : 139003

- (B) Eight
- (C) Four
- (D) Five

- 138001
- 138002
- 138003
- 138004

Right Answer :
Five

Right Option Id : 138004

- (B) 200
- (C) 0
- (D) 50

- 137001
- 137002
- 137003
- 137004

Right Answer :
200

Right Option Id : 137002

- (B) 15
- (C) 0
- (D) -5

- 136001
- 136002
- 136003

(B) 10.5, 1.50, 1.055, 1.05, 1.005, 0.155	135001
(C) 1.05, 1.005, 1.50, 1.055, 10.5, 0.155	135002
(D) 10.5, 1.05, 1.055, 1.50, 1.005, 0.155	135003
	135004

Right Answer :
10.5, 1.50, 1.055, 1.05, 1.005, 0.155

Right Option Id : 135002

(B) Desert	134001
(C) Water	134002
(D) Tree	134003
	134004

Right Answer :
Desert

Right Option Id : 134002

(B) Snake	133001
(C) Swan	133002
(D) Crocodile	133003

Question 148 42 40 38 35 33 31 28 Answer : (A) 25 22 (B) 26 23 (C) 26 24	Question Id : 132 Option Id 132001 132002 132004 Right Option Id : 132003
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Question 149 If in a certain code, MICROWAVE is written as LJBSNXZWD, how is POPULAR written in that code? Answer : (A) QBIKVPVAV	Question Id : 140 Option Id 140001
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(D) KBQVOPA

140003

140004

Right Answer :
OPOVKBQ

Right Option Id : 140003

(B) Nephew

150001

150002

(C) Niece

150003

(D) Aunt

150004

Right Answer :
Nephew

Right Option Id : 150002

