

KTET

CATEGORY-3

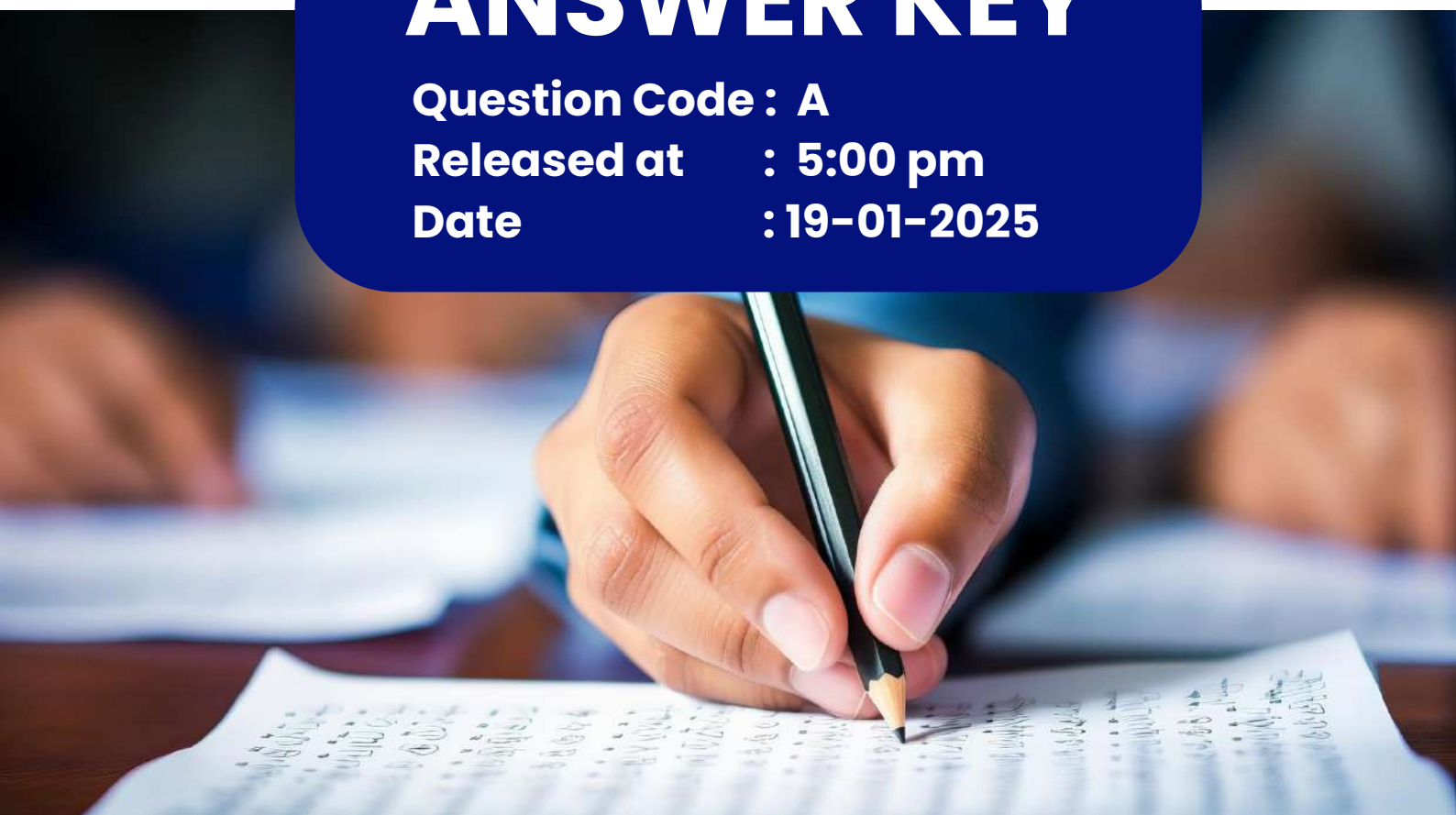
PHYSICAL SCIENCE

ANSWER KEY

Question Code : A

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CATEGORY - III

PART - 3

Physical Science

Question Numbers 71 to 150

71. What is the unit of self-inductance ?
(A) henry
(B) ohm
(C) farad
(D) tesla
72. A ball of mass 500 g has 800 J of total energy at a height of 10 m. Assuming no energy loss, how much energy does it possess at a height of 5 m ?
(A) 200 J
(B) 400 J
(C) 600 J
(D) 800 J
73. Which of the following are exothermic reactions ?
(i) neutralisation reaction between acid and alkali
(ii) formation of methane from nitrogen and hydrogen at 500°C
(iii) dissolution of NH_4Cl in water
(iv) decomposition of potassium chlorate
(A) (ii) and (iv)
(B) (ii) and (iii)
(C) (i) and (iii)
(D) (i) and (ii)
74. The process used for the production of sulphuric acid :
(A) Lead chamber process
(B) Haber process
(C) Deacon process
(D) Solvay process
75. The gravitational force on the lunar surface is approximately $1/6$ times that of the Earth. ($g = 10 \text{ ms}^{-2}$). If an object of mass 12 kg in earth is taken to the surface of the Moon, what will be its weight at the moon's surface ?
(A) 12 N
(B) 20 N
(C) 120 N
(D) 2 N
76. A circular coil carrying a current I has radius R and number of turns N . If all the three, i.e. the current I , radius R and number of turns N are doubled, then, magnetic field at its centre becomes :
(A) One fourth
(B) Half
(C) Four times
(D) Double

714

3

A

77. Which of the following light pairs of light is the odd one out ?
(A) Magenta and green
(B) Cyan and red
(C) Yellow and blue
(D) Cyan and blue
78. Which of the following solutions have the same concentration ?
(i) 4 g of NaOH in 250 mL of solution
(ii) 0.5 mol of KCl in 250 mL of solution
(iii) 40 g of NaOH in 250 mL of solution
(iv) 5.61 g of KOH in 250 mL of solution
(A) (i) and (iv)
(B) (i) and (iii)
(C) (iii) and (iv)
(D) (i) and (ii)
79. Two sound waves A and B have same amplitude and same wave pattern, but their frequencies are 60 Hz and 120 Hz respectively, then :
(A) A will be shriller and B will be grave
(B) A will be grave and B will be shriller
(C) A will differ in quality than B
(D) A is louder than B
80. An object of mass 8.5 kg is kept on a level surface. On applying a force of 60 N, the object moves 12 m in the direction of the force. Calculate the quantity of work done.
(A) 102 J
(B) 720 J
(C) 60 J
(D) 510 J
81. Among halogens, the correct order of electron gain enthalpy is :
(A) $\text{F} > \text{Cl} > \text{Br} > \text{I}$
(B) $\text{F} < \text{Cl} < \text{Br} > \text{I}$
(C) $\text{F} < \text{Cl} > \text{Br} > \text{I}$
(D) $\text{F} < \text{Cl} < \text{Br} < \text{I}$
82. The number of carbon atoms in 10 g CaCO_3 is :
(A) 6.022×10^{22}
(B) 6.022×10^{21}
(C) 6.022×10^{20}
(D) 6.022×10^{23}
83. Which of the following has more covalent character ?
(A) CsCl
(B) LiCl
(C) NaCl
(D) KCl

714

4

A

84. Which among the following is an amphoteric oxide ?

- (A) Na_2O
(B) CaO
(C) NO
(D) Al_2O_3

85. Which statement correctly describes the working of a loudspeaker ?

- (A) Electromagnetic induction principle, converting sound to electrical energy
(B) Electromagnetic induction principle, converting electricity to sound energy
(C) Motor principle, converting electrical energy to sound energy
(D) Motor principle, converting sound to electricity

86. Maximum amount of a solid solute that can be dissolved in a specified amount of a given liquid solvent does not depend upon

- (A) Nature of solute
(B) Pressure
(C) Nature of solvent
(D) Temperature

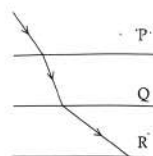
87. Heat capacity of a body is :

- (A) the energy needed to melt the body without the change in its temperature
(B) the energy needed to raise the temperature of the body by 1°C
(C) the increase in the volume of the body when its temperature increases by 1°C
(D) the total amount of internal energy that is constant.

88. Which of the following statements is correct regarding Semiconductor Physics ?

- (A) N-type semiconductor has a majority of holes.
(B) To convert a pure semiconductor into a P-type semiconductor, Phosphorus is used as a dopant.
(C) In the energy band diagram of a metal, the forbidden band is absent.
(D) The resistance of a semiconductor increases with increasing temperature.

89. A light beam passing through three mediums P, Q and R is given, by observing the figure, find out the correct statement related to the optical density of the mediums.



- (A) $P > Q > R$
(B) $R > Q > P$
(C) $Q > P > R$
(D) $R > P > Q$

90. Four statements are given regarding the image formed by a concave lens. Find the correct statement(s).

- (1) Diminished and inverted
(2) Diminished and virtual
(3) Enlarged and virtual
(4) Diminished and erect
(A) First statement only is correct
(B) Second statement only is correct
(C) Second and fourth statements are correct
(D) Third statement only is correct

91. The IUPAC name of $\text{CH}_3\text{COCH}=\text{CHCOOH}$ is :

- (A) 1-hydroxypentane-1, 4-dione
(B) 1-hydroxypent-2-en-1, 4-dione
(C) 4-oxopent-2-enoic acid
(D) 4-oxopentanoic acid

92. Match the types of colloidal systems given in Column I with the name given in Column II.

Column I	Column II
(i) Solid in liquid	(a) Foam
(ii) Liquid in solid	(b) Sol
(iii) Liquid in liquid	(c) Gel
(iv) Gas in liquid	(d) Emulsion

- (A) (i)-(b), (ii)-(c), (iii)-(d), (iv)-(a)
(B) (i)-(c), (ii)-(d), (iii)-(a), (iv)-(b)
(C) (i)-(a), (ii)-(b), (iii)-(c), (iv)-(d)
(D) (i)-(d), (ii)-(c), (iii)-(a), (iv)-(b)

93. Which of the following method is used to purify a liquid that decomposes at its boiling point ?

- (A) Crystallisation
(B) Differential extraction
(C) Fractional distillation
(D) Distillation under reduced pressure

94. What type of mirror produces a magnification of +1?

- (A) Plane mirror
(B) Concave mirror
(C) Convex mirror
(D) None of these

95. If a person's near point is 25 cm (normal) but their far point is not infinity, what defect does this indicate?

- (A) No defect
(B) Myopia (near sightedness)
(C) Hypermetropia (far sightedness)
(D) Presbyopia

96. Which of the following is the pure form of carbon?

- (A) diamond
(B) coal
(C) graphite
(D) fullerene

97. Which of the following is the densest metal on Earth?

- (A) Pb
(B) Os
(C) W
(D) Ti

98. An object of mass 10 kg is allowed to fall to the ground from a height of 20 m. How long will it take to reach the ground?

- (g = 10 ms^{-2})
(A) 1 s
(B) 2 s
(C) 3 s
(D) 4 s

99. Which method demonstrates electrostatic induction?

- (A) Rubbing a balloon on hair
(B) Touching a charged sphere to a neutral sphere
(C) Bringing a charged rod near a neutral metal rod
(D) Connecting a battery to a circuit

100. Which factor affects the loudness of sound?

- (A) Frequency
(B) Amplitude
(C) Wavelength
(D) Pitch

101. The spherical shape of rain-drop is due to:

- (A) gravity
(B) atmospheric pressure
(C) surface tension
(D) viscosity

102. Which of the following statements are correct for cathode rays?

- (i) Cathode rays consist of negatively charged particles.
(ii) They are undeflected by electric and magnetic fields.
(iii) The characteristics of cathode rays do not depend upon the material of electrodes.
(iv) The characteristics of cathode rays depend upon the nature of the gas present in the cathode ray tube.
(A) (ii) and (iv)
(B) (ii) and (iii)
(C) (i) and (iii)
(D) (i) and (ii)

103. Analyse the following statements and choose the correct option.

Statement I: All isotopes of a given element show the same type of chemical behaviour.

Statement II: The chemical properties of an atom are controlled by the number of electrons in the atom.

- (A) Both Statement I and Statement II are true and Statement II is the correct explanation of A.
(B) Both Statement I and Statement II are true but Statement II is not the correct explanation of A.
(C) Statement I is true but Statement II is false.
(D) Both Statement I and Statement II are false.

104. The pH of $10^{-2} \text{ M H}_2\text{SO}_4$ is:

- (A) 2
(B) 7
(C) 1.7
(D) 1

105. Which of the following is not a homogeneous mixture?

- (A) ice cubes in soft drink
(B) steel
(C) brine
(D) vinegar

106. Which of the following element can be involved in pπ-pπ bonding?

- (A) hydrogen
(B) lithium
(C) carbon
(D) beryllium

107. A gun of mass 10 kg fires a bullet of mass 0.05 kg with a muzzle velocity of 500 m/s. What is the recoil velocity of the gun?

- (A) 5 m/s
(B) 0.25 m/s
(C) 25 m/s
(D) 2.5 m/s

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	Economics	പഞ്ചവത്സര പദ്ധതികൾ, പ്ലാനിംഗ് കമ്മീഷൻ
	English	Articles - definite and indefinite articles Singular and plural
Day 2	SCERT	CLASS 5 (CHAPTER 8)- അകറ്റിനിർത്താം രോഗങ്ങളെ
	Biology	CLASS 10 (CHAPTER 4)- അകറ്റിനിർത്താം രോഗങ്ങളെ CLASS 10 (CHAPTER 5) - പ്രതിരോധത്തിന്റെ കാവലാളുകൾ
	SCERT	CLASS 7 (CHAPTER 7) - സമ്പദ് ശാസ്ത്ര ചിന്തകൾ
	Economics	CLASS 11 (CHAPTER 11)- ഇന്ത്യയും സാമ്പത്തിക ആസൂത്രണവും
Day 3	Maths	സംഖ്യകളും അടിസ്ഥാന ക്രിയകളും
	Biology	കേരളത്തിലെ ആരോഗ്യക്ഷേമ പ്രവർത്തനങ്ങൾ പരിസ്ഥിതിയും പരിസ്ഥിതി പ്രശ്നങ്ങളും
	Physics	പ്രവർത്തി - ഊർജ്ജം - പദാർത്ഥം - ഗതി പ്രശ്നങ്ങൾ, ഉത്താപകങ്ങൾ, വിവിധതരം ഉത്താപകങ്ങൾ
Day 4	Maths	സംഖ്യകളും അടിസ്ഥാന ക്രിയകളും
	SCERT	CLASS 8 (CHAPTER 8)- അളവുകളും യൂണിറ്റുകളും
Day 5	Physics	CLASS 9 (CHAPTER 5)- പ്രവർത്തി ഊർജ്ജം പദാർത്ഥം CLASS 9 (CHAPTER 5)- ഊർജ്ജത്തിന്റെ ഉറവിടങ്ങൾ CLASS 9 (CHAPTER 5)- മാറ്റത്തിന്റെ പ്രഭാവം

108. When a body vibrates under periodic force the vibration of the body is always :

- (A) At the same frequency as the periodic force
(B) At twice the frequency of the periodic force
(C) At half the frequency of the periodic force
(D) Independent of the frequency of the periodic force

109. What does SONAR stand for ?

- (A) Sound Navigation And Radar
(B) Sound Navigation And Ranging
(C) Sound Navigation And Response
(D) Sound Navigation And Reflection

110. Assertion and Reason related to magnetic lines of force are given below.

Assertion : Magnetic lines of force do not intersect each other.

Reason : At the point of intersection, the magnetic field will have two directions.

Choose the correct option :

- (A) Both **Assertion** and **Reason** are correct, and **Reason** is the correct explanation for **Assertion**.
(B) Both **Assertion** and **Reason** are correct, but **Reason** is not the correct explanation for **Assertion**.
(C) **Assertion** is true and **Reason** is false.
(D) **Assertion** is false and **Reason** is true.

111. Which of the following forms an acidic solution on hydrolysis ?

- (A) CH_3COONa
(B) NH_4Cl
(C) KCl
(D) CH_3COOK

112. Which of the following is the most abundant element in the Universe ?

- (A) Helium
(B) Carbon
(C) Nitrogen
(D) Hydrogen

113. Which of the following species has an odd electron octet ?

- (A) boron trifluoride
(B) nitrogen monoxide
(C) phosphorus pentachloride
(D) sulphur hexafluoride

114. Which of the following metals can displace hydrogen from mineral acids ?

- (i) Ag
(ii) Zn
(iii) Mg
(iv) Cu
(A) (ii) and (iv)
(B) (i) and (ii)
(C) (ii) and (iii)
(D) (iii) and (iv)

115. What happens when a ferromagnetic material is heated above its Curie temperature ?

- (A) It becomes diamagnetic
(B) It becomes paramagnetic
(C) It loses its magnetic properties
(D) Its magnetic properties increase

116. A cylindrical object with a density of 0.8 g/cm^3 is partially submerged in water. If the volume of object is 0.5 m^3 , what is the magnitude of the buoyant force acting on it ?

- (A) 4000 N
(B) 4500 N
(C) 4900 N
(D) 5000 N

117. Which of the following changes decrease the vapour pressure of water kept in a sealed vessel ?

- (i) adding salt to water
(ii) decreasing the temperature of water
(iii) decreasing the volume of the vessel to one-third
(iv) decreasing the quantity of water
(A) (ii) and (iv)
(B) (i) and (ii)
(C) (iii) and (iv)
(D) (ii) and (iii)

118. Which of the following statements about the motion of an object on which unbalanced forces act is false ?

- (A) The object could continue moving at constant speed in a straight line.
(B) The object could accelerate.
(C) The object could slow down.
(D) The object could change the direction in which it is moving.

119. Two resistors, 15Ω and 10Ω , are connected in parallel across a 6 V battery. What is the current flowing through the 15Ω resistor ?

- (A) 0.4 A
(B) 1 A
(C) 0.6 A
(D) 2.5 A

120. Which of the following options does not represent ground state electronic configuration of an atom ?







































































































































































































- (A) $1s^2 2s^2 2p^6 3s^2 3p^6 3d^8 4s^2$
(B) $1s^2 2s^2 2p^6 3s^2 3p^6 3d^9 4s^2$
(C) $1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^1$
(D) $1s^2 2s^2 2p^6 3s^2 3p^6 3d^5 4s^1$

121. If a teacher faces difficulty in identifying appropriate learning experiences for a lesson, which among the following will be most helpful for the teacher ?

- (A) Hand book
(B) Text book
(C) Work book
(D) Supplementary reader

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25th  KHADEEJA District: Ernakulam	30th  NAJMUHNEESA K District: Wayanad	31st  RENU L District: Kollam	32nd  LUBINA KM District: Ernakulam	32nd  ASERNA District: Palakkad	35th  ASWATHY SOMAN District: Ponnambattin	38th  REHANTI P N District: Palakkad	42nd  NISMA District: Malappuram	42nd  SHAMMY P S District: Thrissur	45th  LINNU M K District: Ernakulam	45th  ARUNIMA I District: Ponnambattin	49th  FEENA V J District: Thrissur		
51st  ARCHANA VARGHESE District: Wayanad	55th  KRISHNAPRIYA District: Thrissur	55th  SHREYA District: Kollam	55th  SOWMYA T District: Palakkad	58th  KAVITHA District: Kollam	59th  ARATHY District: Kollam	59th  SARANYA SIVAN District: Kollam	62nd  SHEELAKSHMI S District: Kollam	62nd  ASWATHY P District: Ponnambattin	62nd  SARDHYA District: Kollam	63rd  ASWATHY U District: Thrissur	64th  ANUSREE S District: Ernakulam		
69th  SINI J District: Thrissur	73rd  AARSHAA P District: Kollam	75th  SURYA M S District: Thrissur	79th  SINDHU P V District: Wayanad	80th  SHINI AH District: Thrissur	81st  BINU DANIEL District: Kollam	84th  ATHIRA B S District: Thrissur	86th  CLERIN District: Ernakulam	87th  VINNY MERINA ABRAHAM District: Kollam	87th  GEETHU N B District: Thrissur	88th  ANCMOL REB District: Idissa	92nd  RASHMI R District: Palakkad		
92nd  SOMY T D District: Ernakulam	93rd  ATHIRA RA JENORAN District: Idissa	94th  ABHIRAMI District: Kollam	96th  YEENA V P J District: Ernakulam	96th  FASELLA District: Kollam	97th  SREEDevi K R District: Kollam	98th  SHYAMA V L District: Idissa	99th  AMRITHA B G District: Kollam						
110th  SANTIKA K P District: Malappuram	117th  ANICY TM District: Wayanad	121st  SHOBANA M District: Palakkad	130th  PRAKRITHI M District: Kollam	130th  DIVYA ANTHEA District: Kollam	131st  MUREENA District: Kollam	136th  DEEPTA KX District: Palakkad	137th  ANAGHA RAVEENDRAN District: Thrissur	138th  SANDHYA DILESH District: Palakkad	144th  SEETHAL S District: Idissa	145th  KASHEERA District: Kollam	150th  JOVNA PINKHOSSE District: Idissa	153rd  TINTU MANUEL District: Idissa	153rd  SHILPA District: Ponnambattin
156th  THEERTHA C P District: Kollam	157th  GANGA SUDHAKARAN District: Kollam	159th  NEETHU P ANIR District: Kollam	160th  ANUPAMA L District: Ernakulam	164th  ANU ANRACHAN District: Kollam	165th  JOYITHA District: Thrissur	167th  CHANDY JACOB District: Kollam	169th  SUTIKA P A District: Idissa	176th  SHAYANA B District: Thrissur	178th  ANURAG K District: Palakkad	178th  CHINCHU MOL District: Kollam	187th  SUDHIN B District: Malappuram	188th  DIVYA K District: Palakkad	192nd  SINI District: Kollam
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230th  VOLA M P District: Kollam	230th  NEETHU B District: Wayanad	234th  NIRVIY District: Palakkad	236th  THANU S District: Thrissur	236th  REKHA KX District: Kollam	239th  SUDHINMA M District: Kollam	240th  SURYA MS District: Ernakulam	240th  SHALINI DA District: Kollam	241st  SANDHA N District: Kollam	243rd  SAREENA J District: Kollam	247th  SILPA R KUTUP District: Kollam	250th  PARVATHI P District: Kollam	250th  DAVINA YUSRA District: Kollam	251st  ANUSARA ABDUL District: Ernakulam
253rd  LINDY DILL District: Kollam	254th  JANVICK S District: Thrissur	255th  ANILINA T B District: Ernakulam	259th  YOGANAND T B District: Ponnambattin	262nd  PUNNY THOMAS District: Kollam	266th  ANISHA District: Idissa	267th  ANALAKRISHNA District: Kollam	272nd  NEETHU SAGHDARAN District: Kollam	277th  VIOVA A M District: Thrissur	278th  NOVA District: Thrissur	281st  POVINNA M P District: Kollam	282nd  JOYCE F District: Kollam	286th  SINI OLIVER District: Thrissur	293rd  SINI OLIVER District: Thrissur
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350th  PRASITHA P V District: Palakkad	351st  RAKANIA P District: Palakkad	356th  KARTHIKA B District: Kollam	357th  DEEPA S PAUL District: Kollam	363rd  ASWATHY AS District: Kollam	365th  ANUSARA District: Kollam	365th  ANUSARA District: Kollam	373rd  SARDHA District: Kollam	380th  ASWATHY F B District: Kollam	382nd  NALALA MOL CHELAKKAL District: Kollam	382nd  KATHIA District: Thrissur	384th  SREELAKSHMI District: Ernakulam	389th  ANUSARA C P District: Kollam	389th  ASNA KJ District: Wayanad
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193rd  REKHA M District: Kollam	194th  RAKHA District: Kollam												

TO BE CONTINUED... >>

122. Validity refers to the extent to which a test :

- (A) measures what it does measure
- (B) is consistent over time
- (C) is free from bias
- (D) measures what it is intended to measure

123. Which among the following is an example for fact ?

- (A) Metals conduct electricity
- (B) Acids change blue litmus to red
- (C) Water boils at hundred degree centigrade
- (D) Energy is the capacity to do work

124. In a classroom, teacher first provides examples of the concept Simple machine and then helps students to arrive at its definition. The method used by the teacher is :

- (A) Pure Discovery method
- (B) Inductive method
- (C) Project method
- (D) Deductive method

125. Fog index of a science textbook represents its :

- (A) Readability
- (B) Adaptability
- (C) Accuracy
- (D) Flexibility

126. Which ancient Indian text discusses concepts related to atomic theory ?

- (A) Rig Veda
- (B) Upanishads
- (C) Charaka Samhita
- (D) Vaisheshika Sutra

127. Choose the most appropriate one. Which of the following ensures experiential learning ?

- (A) Lecture method
- (B) Cooperative learning
- (C) Textbook-based learning
- (D) Field trips

128. Which of the following is **not** a key component of a lesson plan ?

- (A) Student interests
- (B) Learning objectives
- (C) Assessment strategies
- (D) Curricular objectives

129. Which of the following is **not** a characteristic of a constructivist classroom ?

- (A) Student-centered learning
- (B) Rote memorization
- (C) Collaborative learning
- (D) Inquiry-based learning

130. The process of reflection helps students in self improvement. This can be done :

- (A) during and before the activity
- (B) before and after the activity
- (C) during and after the activity
- (D) after the activity

131. Which of the following is a progressive curriculum approach ?

- (A) Constructivist approach
- (B) Behaviourist approach
- (C) Traditional approach
- (D) Teacher-centered approach

132. Logical aspect of scientific method includes :

- (A) Observation
- (B) Sampling
- (C) Synthesis
- (D) Experiment

133. Remedial teaching is designed to :

- (A) Punish students for poor performance
- (B) Accelerate the learning of gifted students
- (C) Ignore the individual needs of students
- (D) Provide support to academically backward students

134. Value points are used to reduce the subjectivity of :

- (A) Essay type questions
- (B) Multiple choice questions
- (C) Sentence completion questions
- (D) Objective type questions

135. If a chemical spills on your skin, immediately you should :

- (A) Rub it off
- (B) Rinse the affected area with plenty of water
- (C) Apply available ointment to the affected area
- (D) Ignore it and continue with the experiment

136. Identify the odd one.

- (A) Chaining
- (B) Verbal association
- (C) Generalisation
- (D) Concept learning

137. To overcome the challenges of professional development, it is important to :

- (A) Rely solely on traditional methods
- (B) Embrace innovative approaches and technologies
- (C) Ignore the needs of teachers
- (D) Discourage collaboration and sharing

138. Which of the following is **not** a science process skill according to Yager's Taxonomy ?

- (A) Observing
- (B) Classifying
- (C) Memorizing
- (D) Inferring

139. Formative assessment does not include :

- (A) Unit tests
- (B) Assignments
- (C) Projects
- (D) Annual Examination

140. A set of fundamental courses that all students are required to take in order to graduate from a particular school or program is :

- (A) Non-formal curriculum
- (B) Core curriculum
- (C) Hidden curriculum
- (D) Concentric curriculum

141. What is the primary goal of science teaching ?

- (A) Memorizing scientific facts
- (B) Preparing students for scientific careers
- (C) Completing the science curriculum
- (D) Developing scientific literacy and critical thinking

142. Students were able to explain the concept of Inertia at the end of a class. The instructional objective attained by the students is :

- (A) Application
- (B) Analysis
- (C) Understanding
- (D) Evaluate

143. Professional development of teachers should be viewed as a :

- (A) One-time event
- (B) Continuous process
- (C) Waste of time and resources
- (D) Barrier to classroom teaching

144. While teaching 'force' using Concept Attainment Model, teacher presents the following exemplars.

- (i) Pushing a table
- (ii) A box on the table
- (iii) Stopping a rolling ball

Identify the positive exemplars.

- (A) (i) and (iii)
- (B) (i) and (ii)
- (C) (ii) and (iii)
- (D) (i), (ii) and (iii)

145. While preparing a unit plan, teacher asks a question - What to teach ? Identify the most suitable answer to this question.

- (A) Objective
- (B) Content
- (C) Learning experience
- (D) Evaluation

146. While teaching about Acid rain, a Chemistry teacher spontaneously talks about the ruin of Marbles in Taj Mahal. Here the teacher is using :

- (A) Systematic correlation
- (B) Planned correlation
- (C) Deliberate correlation
- (D) Incidental correlation

147. Preparation of Sulphur dioxide can be best explained using :

- (A) Flow chart
- (B) Tree chart
- (C) Tabular chart
- (D) Time line chart

148. Which among the following Mill's canons can be used to explain the discovery of the planet Neptune ?

- (A) Method of residues
- (B) Method of difference
- (C) Method of agreement
- (D) Method of concomitant variation

149. Who is considered the 'Father of Indian Space Program' ?

- (A) C.V. Raman
- (B) Homi J. Bhabha
- (C) Vikram Sarabhai
- (D) Satyendra Nath Bose

150. The highest level of cognitive domain in Bloom's taxonomy is :

- (A) Knowledge
- (B) Evaluation
- (C) Application
- (D) Comprehension



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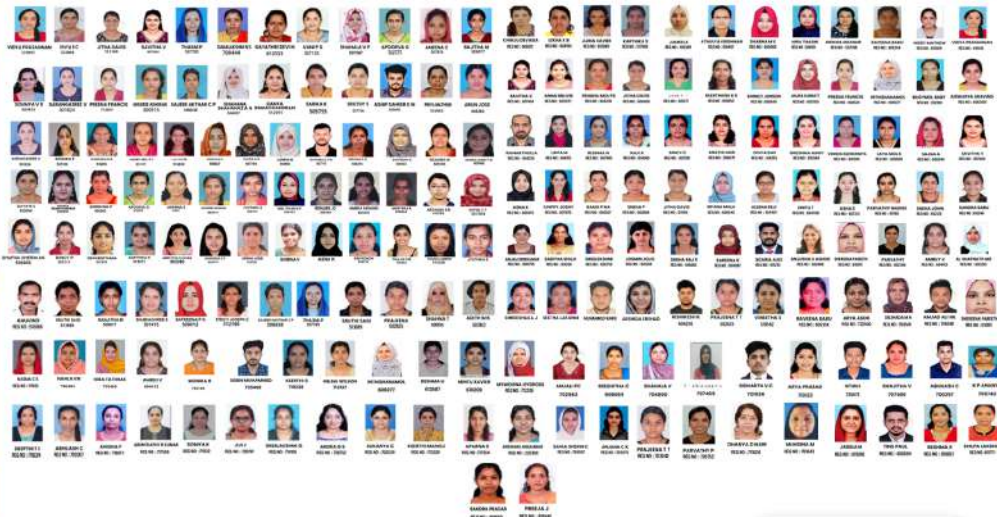
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