

Paper:	LABORATORY ATTENDANT (P0103)
Set Name:	SET4
Exam Date:	18 Mar 2023
Exam Shift:	2

Section:	General Science
Item No:	1
Question ID:	200001
Question Type:	MCQ
Question:	Sound waves with frequencies below the audible range are termed (1) ultra sonic (2) supersonic (3) infrasonic (4) shock waves
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	2
Question ID:	200002
Question Type:	MCQ
Question:	The energy used in one hour at the rate of 1 KW is called (1) 1.0 × 10⁶ J (2) 3.6 × 10⁶ J (3) 1.8 × 10⁶ J (4) 7.2 × 10⁶ J
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	3
Question ID:	200003
Question Type:	MCQ
Question:	If a piece of stone is tied to one end of a rubber string and slowly dipped in water in a container, what will happen to the elongation of string? (1) It increases (2) Remains same (3) It decreases (4) First increases then decreases
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	4
Question ID:	200004
Question Type:	MCQ
	If an object moves in uniform circular motion, which physical quantity will remain the same?

Question:	(1) velocity (3) distance	(2) magnitude of velocity (4) displacement
1:	1	
2:	2	
3:	3	
4:	4	

Section:	General Science
Item No:	5
Question ID:	200005
Question Type:	MCQ
Question:	The minimum distance between the real image and real object for convex lens is (1) 4f (2) 2f (3) zero (4) f
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	6
Question ID:	200006
Question Type:	MCQ
Question:	If a person finds it difficult to see nearby objects comfortably and distinctly without corrective eye glasses, this defect is called (1) Myopia (2) Hypermetropia (3) Presbyopia (4) Astigmatism
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	7
Question ID:	200007
Question Type:	MCQ
Question:	Light enters from air to glass having refractive index 1.5. What will be the speed of light in the glass, if the speed of light in vacuum is 3×10^8 m/s? (1) 0.5×10^8 m/s (2) 3×10^8 m/s (3) 2×10^8 m/s (4) independent of refractive index
1:	1
2:	2
3:	3
4:	4

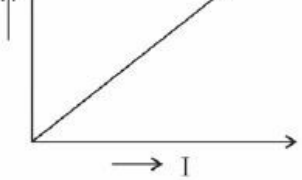
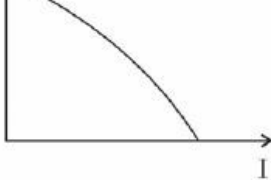
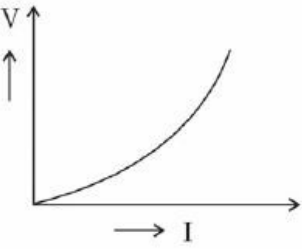
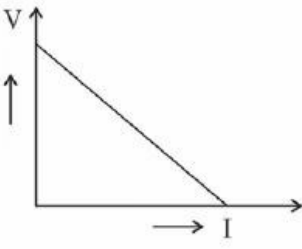
Section:	General Science
Item No:	8
Question ID:	200008
Question Type:	MCQ

Question:	In an electric circuit, the direction of electric current is taken as opposite to the direction of the flow of electrons, it is called (1) electronic current (2) conventional current (3) steady current (4) direct current
1:	1
2:	2
3:	3
4:	4

Section:	General Science												
Item No:	9												
Question ID:	200009												
Question Type:	MCQ												
Question:	Match List I with List II : <table> <tr> <th>List I</th><th>List II</th></tr> <tr> <th>Position of object (convex lens)</th><th>Position of image</th></tr> <tr> <td>(A) At $2F_1$</td><td>(I) Beyond $2F_2$</td></tr> <tr> <td>(B) Beyond $2F_1$</td><td>(II) On the same side of the lens as the object</td></tr> <tr> <td>(C) Between F_1 and $2F_1$</td><td>(III) Between F_2 and $2F_2$</td></tr> <tr> <td>(D) Between focus and optical centre O</td><td>(IV) At $2F_2$</td></tr> </table> Choose the correct answer from the options given below : (1) (A)-(IV), (B)-(I), (C)-(III), (D)-(II) (2) (A)-(IV), (B)-(III), (C)-(I), (D)-(II) (3) (A)-(IV), (B)-(I), (C)-(II), (D)-(III) (4) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)	List I	List II	Position of object (convex lens)	Position of image	(A) At $2F_1$	(I) Beyond $2F_2$	(B) Beyond $2F_1$	(II) On the same side of the lens as the object	(C) Between F_1 and $2F_1$	(III) Between F_2 and $2F_2$	(D) Between focus and optical centre O	(IV) At $2F_2$
List I	List II												
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(B) Beyond $2F_1$	(II) On the same side of the lens as the object												
(C) Between F_1 and $2F_1$	(III) Between F_2 and $2F_2$												
(D) Between focus and optical centre O	(IV) At $2F_2$												
1:	1												
2:	2												
3:	3												
4:	4												

Section:	General Science
Item No:	10
Question ID:	200010
Question Type:	MCQ
Question:	Which of the following term does not represent electric power in a circuit? (1) $I^2 R$ (2) IR^2 (3) VI (4) V^2/R
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	11
Question ID:	200011
Question Type:	MCQ
Question:	In Ohm's law experiment, if we use copper wire in place of nichrome wire, V-I graph for (Voltage Versus Current) a copper wire will be 

Question:	(1) 	(2) 
	(3) 	(4) 
	1:	1
	2:	2
	3:	3
	4:	4

Section:	General Science		
Item No:	12		
Question ID:	200012		
Question Type:	MCQ		
Question:	In magnetics, Flemming Left hand rule thumb gives the (1) direction of electric potential (2) direction of charge (3) direction of magnetic field (4) direction of force		
1:	1		
2:	2		
3:	3		
4:	4		

Section:	General Science		
Item No:	13		
Question ID:	200013		
Question Type:	MCQ		
Question:	Consider a circular loop of wire lying in the plane of a table. Let the current pass through the loop clockwise. Direction of the magnetic field in the loop will be (1) Upward / Outside (2) Inward / Inside (3) Vertically Upward (4) Vertically downward		
1:	1		
2:	2		
3:	3		
4:	4		

Section:	General Science		
Item No:	14		
Question ID:	200014		
Question Type:	MCQ		
Question:	The magnetic field inside a long straight solenoid carrying current (1) is zero (2) decreases as we move towards its end (3) increases as we move towards its end (4) is the same at all points		

Question Type:	MCQ
Question:	Complete the precipitation reaction $\text{Na}_2\text{SO}_4 + \text{BaCl}_2 \longrightarrow \text{_____} + 2\text{NaCl}$ (1) Ba_2SO_4 (2) BaSO_4 (3) $(\text{BaSO}_4)_2$ (4) $\text{Ba}(\text{SO}_4)_2$
1:	1
2:	2
3:	3
4:	4

Section:	General Science										
Item No:	19										
Question ID:	200019										
Question Type:	MCQ										
Question:	Match List I with List II <table> <tr> <th>List I</th><th>List II</th></tr> <tr> <td>(A) $2\text{NaOH} + \text{Zn}$</td><td>(I) $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2$</td></tr> <tr> <td>(B) $\text{NaHCO}_3 + \text{HCl}$</td><td>(II) $\text{Ca}(\text{HCO}_3)_2$</td></tr> <tr> <td>(C) $\text{CaCO}_3 + \text{H}_2\text{O} + \text{CO}_2$</td><td>(III) $\text{CaCO}_3 + \text{H}_2\text{O}$</td></tr> <tr> <td>(D) $\text{Ca}(\text{OH})_2 + \text{CO}_2$</td><td>(IV) $\text{Na}_2\text{ZnO}_2 + \text{H}_2$</td></tr> </table> Choose the correct answer from the options given below : (1) (A)-(IV), (B)-(III), (C)-(II), (D)-(I) (2) (A)-(IV), (B)-(II), (C)-(I), (D)-(III) (3) (A)-(I), (B)-(II), (C)-(IV), (D)-(III) (4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)	List I	List II	(A) $2\text{NaOH} + \text{Zn}$	(I) $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2$	(B) $\text{NaHCO}_3 + \text{HCl}$	(II) $\text{Ca}(\text{HCO}_3)_2$	(C) $\text{CaCO}_3 + \text{H}_2\text{O} + \text{CO}_2$	(III) $\text{CaCO}_3 + \text{H}_2\text{O}$	(D) $\text{Ca}(\text{OH})_2 + \text{CO}_2$	(IV) $\text{Na}_2\text{ZnO}_2 + \text{H}_2$
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(A) $2\text{NaOH} + \text{Zn}$	(I) $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2$										
(B) $\text{NaHCO}_3 + \text{HCl}$	(II) $\text{Ca}(\text{HCO}_3)_2$										
(C) $\text{CaCO}_3 + \text{H}_2\text{O} + \text{CO}_2$	(III) $\text{CaCO}_3 + \text{H}_2\text{O}$										
(D) $\text{Ca}(\text{OH})_2 + \text{CO}_2$	(IV) $\text{Na}_2\text{ZnO}_2 + \text{H}_2$										
1:	1										
2:	2										
3:	3										
4:	4										

Section:	General Science
Item No:	20
Question ID:	200020
Question Type:	MCQ
Question:	Which of the statements about the reaction below are in correct? $2\text{PbO}(\text{s}) + \text{C}(\text{s}) \rightarrow 2\text{Pb}(\text{s}) + \text{CO}_2(\text{g})$ (A) Lead oxide is a reducing agent. (B) Carbon dioxide is getting oxidised (C) Carbon is getting oxidised (D) Lead oxide is getting reduced Choose the correct answer from the options given below : (1) A and B Only (2) A and C only (3) A, B and C only (4) C only
1:	1
2:	2
3:	3
4:	4

Section:	General Science
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Item No:	21
Question ID:	200021
Question Type:	MCQ
Question:	A chemical reacts with crushed egg – shells to give a gas that turns lime – water milky. The chemical is (1) NaCl (2) HCl (3) LiCl (4) KCl
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	22
Question ID:	200022
Question Type:	MCQ
Question:	Match List I with List II : List I (A) Metal + Oxygen (B) Metal + Water (C) Metal Oxide + Water (D) Metal (A) + Salt Solution of B List II (I) Metal hydroxide (II) Metal oxide + Hydrogen (III) Metal oxide (IV) Salt solution of A + Metal (B) Choose the correct answer from the options given below : (1) (A)-(IV), (B)-(I), (C)-(II), (D)-(III) (2) (A)-(III), (B)-(I), (C)-(II), (D)-(IV) (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV) (4) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	23
Question ID:	200023
Question Type:	MCQ
Question:	The sulphide ores are converted into oxides by heating strongly in the presence of excess air. This process is known as (1) calcination (2) roasting (3) gangue (4) refining
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	24
Question ID:	200024
Question Type:	MCQ

Question:	The reaction of Iron oxide (Fe_2O_3) with Aluminium is used to join railway tracks or cracked machine parts. This reaction is an example of : (1) exothermic reaction (2) displacement and exothermic reaction (3) exothermic and thermit reaction (4) exothermic, displacement and thermit reaction
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	25
Question ID:	200025
Question Type:	MCQ
Question:	Formula of Butanal is (1) $\text{CH}_3(\text{CH}_2)_2\text{CHO}$ (2) $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOH}$ (3) $\text{CH}_3(\text{CH}_2)_2\text{OH}$ (4) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_3$
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	26
Question ID:	200026
Question Type:	MCQ
Question:	Metallic oxides are _____ (a) _____ in nature and non-metallic oxides are _____ (b) _____ in nature. (1) (a)-acidic, (b)-neutral (2) (a)-neutral, (b)-acidic (3) (a)-basic, (b)-acidic (4) (a)-acidic, (b)-basic
1:	1
2:	2
3:	3
4:	4

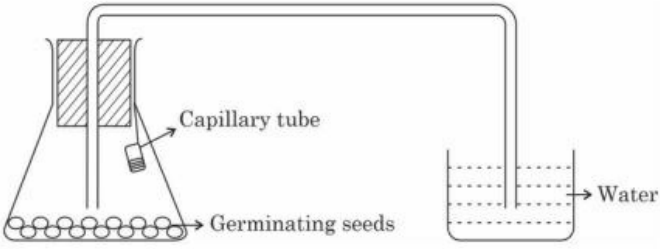
Section:	General Science
Item No:	27
Question ID:	200027
Question Type:	MCQ
Question:	The atomic number of Chromium is (1) 22 (2) 23 (3) 20 (4) 24
1:	1
2:	2
3:	3
4:	4

Section:	General Science
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Item No:	28
Question ID:	200028
Question Type:	MCQ
Question:	Mass of 1 mole of substance is called its (1) atomic mass (2) molar mass (3) relative atomic mass (4) relative molar mass
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	29
Question ID:	200029
Question Type:	MCQ
Question:	Isobars of an element have (1) the same physical properties (2) different chemical properties (3) different number of neutrons (4) different atomic numbers
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	30
Question ID:	200030
Question Type:	MCQ
Question:	Number of electrons present in Ca^{2+} ions is (1) 20 (2) 2 (3) 18 (4) 10
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	31
Question ID:	200031
Question Type:	MCQ
Question:	 The diagram illustrates an experimental setup for demonstrating the release of carbon dioxide (CO₂) during respiration. A conical flask containing germinating seeds is sealed with a stopper. A capillary tube is inserted through the stopper, leading from the space above the seeds to a beaker of water. The capillary tube is inverted in the water, and the water level inside the tube is higher than the level in the beaker, indicating that a gas (CO₂) is being produced and displacing the water. In the given experimental setup to demonstrate that CO_2 is given out during respiration, what does the capillary tube contain? (1) Water (2) KOH (3) HCl (4) Lime water

4:	4
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Section:	General Science
Item No:	35
Question ID:	200035
Question Type:	MCQ
Question:	Rekha was given the following diagram to identify a stage in binary fission of <i>Amoeba</i>. She correctly identified which of the following diagrams? (1)  (2)  (3)  (4) 
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	36
Question ID:	200036
Question Type:	MCQ
Question:	Preeti observed a slide under the microscope, she saw muscles which had alternate light and dark bands. The cells were long, cylindrical and multinucleate. Identify the cells. (1) Cardiac muscles (3) Smooth muscles (2) Striated muscles (4) Involuntary muscles
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	37
Question ID:	200037
Question Type:	MCQ
Question:	For testing the presence of metanil yellow in Arhar Dal, list down the sequence of steps correctly. (A) Make powder of 5 gm of dal and put it in test tube. (B) Add 2-4 drops of concentrated HCl. (C) Filter the contents and keep filtrate separately. (D) Add 10 ml of water and shake well. Choose the correct answer from the options given below : (1) A, B, D, C (2) A, C, B, D (3) A, B, C, D (4) A, D, C, B
1:	1
2:	2
3:	3

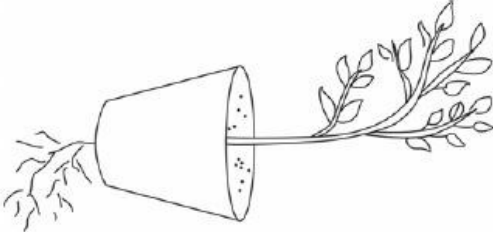
4:	4
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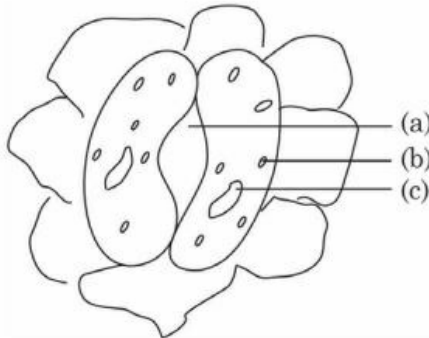
Section:	General Science
Item No:	38
Question ID:	200038
Question Type:	MCQ
Question:	If you cut the tip of a growing onion root, then it stops growing. Why? (1) Tip contains intercalary meristem which helps it to grow (2) Tip contains apical meristematic tissue which helps it to grow (3) Tip contains lateral meristem which helps it to grow (4) Tip contains permanent tissue which helps it to grow
1:	1
2:	2
3:	3
4:	4

Section:	General Science										
Item No:	39										
Question ID:	200039										
Question Type:	MCQ										
Question:	Match List I with List II : <table> <tr> <th>List I</th><th>List II</th></tr> <tr> <td>(A) Gymnosperms</td><td>(I) Dicot plants</td></tr> <tr> <td>(B) Angiosperms</td><td>(II) <i>Pinus</i></td></tr> <tr> <td>(C) Pteridophytes</td><td>(III) <i>Marchantia</i></td></tr> <tr> <td>(D) Bryophytes</td><td>(IV) <i>Marsilea</i></td></tr> </table> Choose the correct answer from the options given below : (1) (A)-(III), (B)-(II), (C)-(I), (D)-(IV) (2) (A)-(II), (B)-(I), (C)-(IV), (D)-(III) (3) (A)-(I), (B)-(IV), (C)-(III), (D)-(II) (4) (A)-(I), (B)-(III), (C)-(II), (D)-(IV)	List I	List II	(A) Gymnosperms	(I) Dicot plants	(B) Angiosperms	(II) <i>Pinus</i>	(C) Pteridophytes	(III) <i>Marchantia</i>	(D) Bryophytes	(IV) <i>Marsilea</i>
List I	List II										
(A) Gymnosperms	(I) Dicot plants										
(B) Angiosperms	(II) <i>Pinus</i>										
(C) Pteridophytes	(III) <i>Marchantia</i>										
(D) Bryophytes	(IV) <i>Marsilea</i>										
1:	1										
2:	2										
3:	3										
4:	4										

Section:	General Science
Item No:	40
Question ID:	200040
Question Type:	MCQ
Question:	In an experimental setup, the Rhoeo leaf is boiled in water. Its leaf peel is mounted on a slide and strong sugar solution is added to it. What would happen to the cells of the leaf peel? (1) Plasmolysis will occur (2) Plasmolysis will not occur (3) The cells will swell up (4) The cells will burst
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	41
Question ID:	200041
Question Type:	MCQ
Question:	Identify the animal group which has exoskeleton of scales and lays eggs outside water. (1) Reptilia (2) Amphibia (3) Mammals (4) Fishes
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	42
Question ID:	200042
Question Type:	MCQ
Question:	 The pattern of growth of the above plant indicates that (1) stem is negatively phototropic (2) stem is positively geotropic (3) roots are positively phototropic (4) roots are positively geotropic
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	43
Question ID:	200043
Question Type:	MCQ
Question:	 Correct labelling of a, b, c in the given figure is (1) a – stomata, b – chloroplast, c – nucleus (2) a – guard cell, b – nucleus, c – chloroplast (3) a – vacuole, b – chloroplast, c – stomata (4) a – stomata, b – nucleus, c – chloroplast

(4) a – stomata, b – nucleus, c – chloroplast

1:	1
2:	2
3:	3
4:	4

Section:	General Science										
Item No:	44										
Question ID:	200044										
Question Type:	MCQ										
Question:	Match List I with List II : <table><thead><tr><th>List I</th><th>List II</th></tr></thead><tbody><tr><td>(A) Lime water</td><td>(I) dissolves chlorophyll and leaf boiled in it turns colourless</td></tr><tr><td>(B) Iodine</td><td>(II) turns milky on addition of CO₂</td></tr><tr><td>(C) Alcohol</td><td>(III) is used to stain the plant cell</td></tr><tr><td>(D) Safranin</td><td>(IV) turns blue black in the presence of starch</td></tr></tbody></table> Choose the correct answer from the options given below : (1) (A)-(II), (B)-(III), (C)-(IV), (D)-(I) (2) (A)-(IV), (B)-(I), (C)-(II), (D)-(III) (3) (A)-(II), (B)-(IV), (C)-(III), (D)-(I) (4) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)	List I	List II	(A) Lime water	(I) dissolves chlorophyll and leaf boiled in it turns colourless	(B) Iodine	(II) turns milky on addition of CO ₂	(C) Alcohol	(III) is used to stain the plant cell	(D) Safranin	(IV) turns blue black in the presence of starch
List I	List II										
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(B) Iodine	(II) turns milky on addition of CO ₂										
(C) Alcohol	(III) is used to stain the plant cell										
(D) Safranin	(IV) turns blue black in the presence of starch										
1:	1										
2:	2										
3:	3										
4:	4										

Section:	General Science
Item No:	45
Question ID:	200045
Question Type:	MCQ
Question:	Pick out the incorrect statement from the following options : (1) When we blow air into lime water, it turns milky (2) Salivary amylase enzyme present in saliva digests the starch (3) A plant is kept in dark for 3 days. When its leaf is boiled in alcohol and iodine is added to it, it gives blue black colour (4) When yeast is added to fruit juice then fermentation takes place
1:	1
2:	2
3:	3
4:	4

Section:	General Science				
Item No:	46				
Question ID:	200046				
Question Type:	MCQ				
Question:	Which of the following is an input device? <table><tbody><tr><td>(1) Speaker</td><td>(2) Monitor</td></tr><tr><td>(3) Webcam</td><td>(4) Plotter</td></tr></tbody></table>	(1) Speaker	(2) Monitor	(3) Webcam	(4) Plotter
(1) Speaker	(2) Monitor				
(3) Webcam	(4) Plotter				
1:	1				

4:	4
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Section:	General Science
Item No:	50
Question ID:	200050
Question Type:	MCQ
Question:	The full form of ALU is (1) Algebra and Logarithmic Unit (2) Algorithms and Logics Unit (3) Arithmetical and Logical Unit (4) Arms and Legs Unit
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	51
Question ID:	200051
Question Type:	MCQ
Question:	In which generation, transistors were used in computers? (1) First Generation (2) Second Generation (3) Third Generation (4) Fourth Generation
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	52
Question ID:	200052
Question Type:	MCQ
Question:	What is the full form of pdf? (1) Printable Document Format (2) Public Document Format (3) Portable Document Format (4) Published Document Format
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	53
Question ID:	200053
Question Type:	MCQ
Question:	Which of the following language is used to design a web page? (1) HTML (2) C++ (3) Python (4) Java
1:	1
2:	2
3:	3

4:	4
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Section:	General Science
Item No:	54
Question ID:	200054
Question Type:	MCQ
Question:	In MS-PowerPoint, animation of a slide at the time of change over is called (1) slide animation (2) custom animation (3) slide transition (4) transition and Animation
1:	1
2:	2
3:	3
4:	4

Section:	General Science										
Item No:	55										
Question ID:	200055										
Question Type:	MCQ										
Question:	Match following application software with their usage : <table> <tr> <td>List I</td><td>List II</td></tr> <tr> <td>(A) Tally</td><td>(I) Image processing</td></tr> <tr> <td>(B) Photoshop</td><td>(II) Spreadsheet program</td></tr> <tr> <td>(C) Excel</td><td>(III) Accounting software</td></tr> <tr> <td>(D) Google doc</td><td>(IV) Documentation software</td></tr> </table> Choose the correct answer from the options given below : (1) (A)-(III), (B)-(I), (C)-(IV), (D)-(II) (2) (A)-(III), (B)-(I), (C)-(II), (D)-(IV) (3) (A)-(I), (B)-(III), (C)-(II), (D)-(IV) (4) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)	List I	List II	(A) Tally	(I) Image processing	(B) Photoshop	(II) Spreadsheet program	(C) Excel	(III) Accounting software	(D) Google doc	(IV) Documentation software
List I	List II										
(A) Tally	(I) Image processing										
(B) Photoshop	(II) Spreadsheet program										
(C) Excel	(III) Accounting software										
(D) Google doc	(IV) Documentation software										
1:	1										
2:	2										
3:	3										
4:	4										

Section:	General Science
Item No:	56
Question ID:	200056
Question Type:	MCQ
Question:	Firewall is a software used to (1) browse internet (2) check malicious files and software from internet (3) create a wall of fire surrounding the system (4) provide security to files and folders
1:	1
2:	2
3:	3
4:	4

Section:	General Science
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Item No:	57
Question ID:	200057
Question Type:	MCQ
Question:	Default orientation of page in MS Word is (1) longitudinal (2) narrow (3) portrait (4) landscape
1:	1
2:	2
3:	3
4:	4

Section:	General Science										
Item No:	58										
Question ID:	200058										
Question Type:	MCQ										
Question:	Identify and match the given short cut keys : <table> <tr> <td>List I</td><td>List II</td></tr> <tr> <td>(A) Ctrl + n</td><td>(I) Cut</td></tr> <tr> <td>(B) Ctrl + x</td><td>(II) Print</td></tr> <tr> <td>(C) Shift + Ctrl + (+)</td><td>(III) New</td></tr> <tr> <td>(D) Ctrl + P</td><td>(IV) Super Script</td></tr> </table> Choose the correct answer from the options given below : (1) (A)-(III), (B)-(I), (C)-(IV), (D)-(II) (2) (A)-(III), (B)-(IV), (C)-(I), (D)-(II) (3) (A)-(IV), (B)-(III), (C)-(II), (D)-(I) (4) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)	List I	List II	(A) Ctrl + n	(I) Cut	(B) Ctrl + x	(II) Print	(C) Shift + Ctrl + (+)	(III) New	(D) Ctrl + P	(IV) Super Script
List I	List II										
(A) Ctrl + n	(I) Cut										
(B) Ctrl + x	(II) Print										
(C) Shift + Ctrl + (+)	(III) New										
(D) Ctrl + P	(IV) Super Script										
1:	1										
2:	2										
3:	3										
4:	4										

Section:	General Science
Item No:	59
Question ID:	200059
Question Type:	MCQ
Question:	Memory management in computer is done by (1) CPU (2) Operating system (3) Internet Browser (4) Server
1:	1
2:	2
3:	3
4:	4

Section:	General Science
Item No:	60
Question ID:	200060
Question Type:	MCQ
Question:	Identify a malicious software out of the given options. (1) Google Chrome (2) Bing

	(3) Windows Movie Maker	(4) Trojan Horse
1:	1	
2:	2	
3:	3	
4:	4	

Section:	General Awareness
Item No:	61
Question ID:	200061
Question Type:	MCQ
Question:	Which of the following was formulated to impose regulation on the succession of Hindu states in British India? (1) Subsidiary Alliance (2) Doctrine of Lapse (3) Permanent Settlement (4) Regulating Act
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	62
Question ID:	200062
Question Type:	MCQ
Question:	He was the founder of English Weekly 'New India' and 'Vande Matram'. (1) Bal Gangadhar Tilak (2) Lala Lajpat Rai (3) Bipin Chandra Pal (4) Sri Aurobindo Ghosh
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	63
Question ID:	200063
Question Type:	MCQ
Question:	When did the French Revolution, a great event in the world history take place? (1) 1785 – 90 (2) 1786 – 91 (3) 1787 – 92 (4) 1789 – 93
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	64
Question ID:	200064
Question Type:	MCQ
Question:	The First World War was fought between _____ . (1) Britain & Germany (2) Germany & France (3) France & Britain (4) Britain & Italy

Question:	(1) Axis Powers Vs. Allied Powers (2) Central Powers Vs. Allied Powers (3) Allies Or Entente Powers Vs. Axis Powers (4) Central Powers Vs. Axis Powers
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	65
Question ID:	200065
Question Type:	MCQ
Question:	Identify the right placement of planets in the solar system : I. Mars, Earth, Venus and Mercury II. Venus, Mercury, Mars and Earth III. Earth, Mars, Mercury and Venus IV. Mercury, Venus, Earth and Mars Code : (1) I (2) IV (3) II (4) III
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	66
Question ID:	200066
Question Type:	MCQ
Question:	Under Article 21(A) which right is guaranteed to the citizen of India (1) Right to Property (2) Right to Equality (3) Right to Speech (4) Right to Education
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	67
Question ID:	200067
Question Type:	MCQ
Question:	Economist of 19 th Century propounded a theory on population, that the population will outrun the food supply and people need strict preventive checks (1) Adam Smith (2) Max Weber (3) Thomas Malthus (4) Karl Marx
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	68
Question ID:	200068
Question Type:	MCQ
Question:	'Bicycle' is the symbol of which political party at National level (1) BJP (2) BSP (3) SP (4) AAP
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	69
Question ID:	200069
Question Type:	MCQ
Question:	The country of Greece uses _____ as currency. (1) Ruble (2) Euro (3) Franc (4) Drachmas
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	70
Question ID:	200070
Question Type:	MCQ
Question:	NH-16, NH-19, NH-44 and NH-48 is known as _____ . (1) National Highways (2) Super Highways (3) Golden Quadrilateral (4) Express ways
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	71
Question ID:	200071
Question Type:	MCQ
Question:	A mineral compound made of chlorine and sodium and is used in daily life frequently is (1) Potassium (2) Calcium (3) Salt (4) Copper
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	72
Question ID:	200072
Question Type:	MCQ
Question:	Maestro Amjad Ali Khan and his sons Amaan Ali Bangash and Ayaan Ali Bangash play which musical instrument? (1) Violin (2) Veena (3) Santoor (4) Sarod
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	73
Question ID:	200073
Question Type:	MCQ
Question:	United Nations Monetary and Financial Conference held in Bretton Woods after World War II gave birth to (1) World Bank (2) International Monetary Fund (3) Master of Business Administration (4) National Development Bank
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	74
Question ID:	200074
Question Type:	MCQ
Question:	What is the process of conducting the decimal census (2021) which is different from other census? (1) Door to Door survey (2) Filling of Information on forms (3) Visiting office of the Registrar General and Census Commissioner (4) Digitally carrying the information
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	75
Question ID:	200075
Question Type:	MCQ
Question:	The term used to refer to the protection granted by a state to an individual who left home country as political refugee is _____. (1) Attache (2) Asylum (3) Persona non grata (4) Sanctions
1:	1

2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	76
Question ID:	200076
Question Type:	MCQ
Question:	Choose the correct option : The sporting organisation headquarters was shifted from London to Dubai (1) ICC (International Cricket Council) (2) Common Wealth of Nations (3) European Union (4) FIFA (Federation of International Football Association)
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	77
Question ID:	200077
Question Type:	MCQ
Question:	Identify the Chief Minister involved in fodder scam in 1980 : (1) Nitish Prasad (2) Mamta Banerjee (3) Lalu Prasad Yadav (4) Mulayam Singh Yadav
1:	1
2:	2
3:	3
4:	4

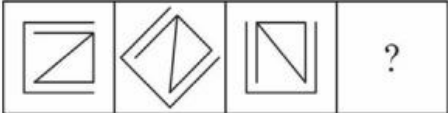
Section:	General Awareness
Item No:	78
Question ID:	200078
Question Type:	MCQ
Question:	Padma Vibhushan Awardee, a pioneer of political cartoons in India is (1) R.K. Laxman (2) Shankar Pillai (3) Maya Kamath (4) Mario Miranda
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	79
Question ID:	200079
Question Type:	MCQ
	2017 Shayara Bano Vs Union of India was a case in Supreme Court. It was related to _____.

Question:	(1) Adoption (2) Land Dispute (3) Murder (4) Talaq (Triple talaq)
1:	1
2:	2
3:	3
4:	4

Section:	General Awareness
Item No:	80
Question ID:	200080
Question Type:	MCQ
Question:	She was awarded with 'Ramon Magsaysay Award' 2022 as a child rights crusader (1) Sotherana Chhim (2) Tadashi Hattori (3) Bernadette J. Madrid (4) Gary Benchehib
1:	1
2:	2
3:	3
4:	4

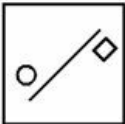
Section:	Reasoning Ability
Item No:	81
Question ID:	200081
Question Type:	MCQ
Question:	In a Rose Garden, there are 23 plants in the first row, 21 in the second row, 19 in the third row and so on. There are 5 plants in the last row. How many rows are there in the Rose Garden? (1) 8 (2) 9 (3) 10 (4) 11
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	82
Question ID:	200082
Question Type:	MCQ
Question:	Which of the figures will replace the question mark (?)?  (1)  (2)  (3)  (4) 

Section:	Reasoning Ability
Item No:	92
Question ID:	200092
Question Type:	MCQ
Question:	Find the missing term : $\frac{9}{16}, \frac{3}{8}, \frac{1}{4}, \frac{1}{6}, \frac{1}{9}, ?$ (1) $\frac{2}{27}$ (2) $\frac{1}{27}$

	(3) $\frac{1}{18}$	(4) $\frac{1}{15}$
1:	1	
2:	2	
3:	3	
4:	4	

Section:	Reasoning Ability
Item No:	93
Question ID:	200093
Question Type:	MCQ
Question:	Find the odd one out : (1) tonne (2) acre (3) pound (4) gram
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	94
Question ID:	200094
Question Type:	MCQ
Question:	Choose the figure which is different from the rest : (1)  (2)  (3)  (4) 
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	95
Question ID:	200095
Question Type:	MCQ
Question:	If the second and third digits of each number are interchanged then which number will be third highest among the following numbers? (1) 354 (2) 376 (3) 332 (4) 346
1:	1
2:	2
3:	3
4:	4

	If C = 3 and BASIS = 50, then COVER = ?
Question:	(1) 36 (2) 63 (3) 65 (4) 56
1:	1
2:	2
3:	3
4:	4

Section:	Reasoning Ability
Item No:	100
Question ID:	200100
Question Type:	MCQ
Question:	The ages of Samar and Tanvi are in the ratio of 8:15 years. After 9 years the ratio of their ages will be 11:18. What is the difference in years between their ages? (1) 20 years (2) 21 years (3) 24 years (4) 30 years
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	101
Question ID:	200101
Question Type:	MCQ
Question:	The least number which when increased by 7 is divisible by each one of 24, 48, 18, 27 is (1) 432 (2) 425 (3) 439 (4) 400
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	102
Question ID:	200102
Question Type:	MCQ
Question:	Find the side of largest square slabs used to pave the floor of a room 6m 42m long and 5m 64 cm broad is (1) 6 cm (2) 12 m (3) 6 m (4) 18 cm
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	103

Question ID:	200103
Question Type:	MCQ
Question:	$\left[\left(\sqrt[7]{x^3} \right)^{-14/5} \right]^{10} =$ (1) x^{12} (2) x^{10} (3) x^{-12} (4) x^{-15}
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	104
Question ID:	200104
Question Type:	MCQ
Question:	The expression $\frac{256 \times 8}{343 \times 49}$ is equivalent to (1) $\frac{4^3}{7^6}$ (2) $\frac{4^5}{9^4}$ (3) $\frac{7^5}{2^{11}}$ (4) $\frac{2^{11}}{7^5}$
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	105
Question ID:	200105
Question Type:	MCQ
Question:	If 15% of x is 5 times of 12% of y, then $x : y$ is (1) 4 : 1 (2) 1 : 4 (3) 15 : 12 (4) 5 : 12
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	106
Question ID:	200106
Question Type:	MCQ
Question:	A jar contains 15 red candies and 40 blue candies. How many red candies must be added to the jar so that 60% of the candies will be red? (1) 41 (2) 42 (3) 40 (4) 45
1:	1

1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	111
Question ID:	200111
Question Type:	MCQ
Question:	The diameter of the driving wheel of a bus is 140 cm. How many revolutions per minute must the wheel make in order to keep a speed of 66 kmph? (1) 240 (2) 250 (3) 350 (4) 140
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	112
Question ID:	200112
Question Type:	MCQ
Question:	3 cubes of respective sides of 3 cm, 4 cm and 5 cm, are melted to form a new cube. The side of new cube is (1) 5 cm (2) 5.4 cm (3) 6.5 cm (4) 6 cm
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	113
Question ID:	200113
Question Type:	MCQ
Question:	Two men undertake a work for Rs. 600. Individually, they can complete the work in 6 days and 8 days, respectively. With the assistance of a boy they completed the work in 3 days. The boys share would be: (1) Rs. 75 (2) Rs. 80 (3) Rs. 65 (4) Rs. 70
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	114
Question ID:	200114
Question Type:	MCQ

Section:	Mathematical Ability
Item No:	118
Question ID:	200118
Question Type:	MCQ
Question:	The reciprocal of sum of reciprocals of $\frac{3}{4}$ and $\frac{9}{5}$ is (1) $\frac{9}{17}$ (2) $\frac{17}{9}$ (3) $\frac{11}{9}$ (4) $\frac{12}{17}$
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	119
Question ID:	200119
Question Type:	MCQ
Question:	Simplify: $\frac{0.2 \times 0.2 \times 0.2 + 0.8 \times 0.8 \times 0.8}{0.2 \times 0.2 - 0.2 \times 0.8 + 0.8 \times 0.8}$ (1) 0.3 (2) 0.47 (3) 1 (4) 0.6
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	120
Question ID:	200120
Question Type:	MCQ
Question:	$54.36 \times 1.732 \times 2.4$ is same as (1) $543.6 \times 1.732 \times 24$ (2) $5.436 \times 17.032 \times 2.4$ (3) $54.36 \times 17.32 \times 0.24$ (4) $543.6 \times 173.2 \times 2.4$
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	121
Question ID:	200121
Question Type:	MCQ
Question:	At what rate of percent per annum a sum of money will become four times the original in 20 years at simple interest? (1) 15% p.a. (2) 18% p.a. (3) 12% p.a. (4) 20% p.a.

	A notebook with printed price Rs. 90 is sold for Rs. 72. What is the discount percentage?
Question:	(1) $17\frac{1}{3}\%$ (2) $15\frac{1}{2}\%$ (3) 12% (4) 20%
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	126
Question ID:	200126
Question Type:	MCQ
Question:	A man sells 10 watches for Rs. 6,800. The marked price on each watch is Rs. 800. What is the discount percentage? (1) $12\frac{1}{2}\%$ (2) 12% (3) 15% (4) 18%
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	127
Question ID:	200127
Question Type:	MCQ
Passage:	The pie chart given below represents the number of students using different transport to a school in which total number of students are 2520. Answer the questions based on following diagram.  Passage : 4001
Question:	The total number of students coming to school either by walking or by van is: (1) 1190 (2) 630 (3) 560 (4) 70
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
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Item No:	128
Question ID:	200128
Question Type:	MCQ
Passage: The pie chart given below represents the number of students using different transport to a school in which total number of students are 2520. Answer the questions based on following diagram.  Passage : 4001 Question: The total no. of. students coming to school by bus exceeds the number of students coming by auto by (1) 595 (2) 1015 (3) 200 (4) 175	
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
Item No:	129
Question ID:	200129
Question Type:	MCQ
Passage: The pie chart given below represents the number of students using different transport to a school in which total number of students are 2520. Answer the questions based on following diagram.  Passage : 4001 Question: The total no. of students who neither use van nor bus is (1) 1240 (2) 1365 (3) 1400 (4) 1215	
1:	1
2:	2
3:	3
4:	4

Section:	Mathematical Ability
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Section:	English
Item No:	133
Question ID:	200133
Question Type:	MCQ
Question:	Choose the correct option to complete the sentence : Renu and Reena _____ to the cinema last Monday. (1) go (2) will go (3) went (4) are going
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	134
Question ID:	200134
Question Type:	MCQ
Question:	Choose the correct option to identify the meaning of the following option : ‘Caught red handed’ (1) Found with hands dyed red (2) Caught with dirty hands (3) Caught in the act of committing the crime (4) To do something quickly
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	135
Question ID:	200135
Question Type:	MCQ
Question:	Choose the correct option to identify the meaning of the following idiom : ‘In a fix’ (1) In dangerous situation (2) In trouble and difficulty (3) To lose courage (4) To be afraid
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	136
Question ID:	200136
Question Type:	MCQ
Question:	Choose a word from the given options to replace the underlined phrase or words in the sentence below : Be careful with that glass vase, it is <u>easily broken</u> (1) Precious (2) Porcelain (3) Fragile (4) Delicate

(3) Fragile (4) Delicate

1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	137
Question ID:	200137
Question Type:	MCQ
Question:	Choose a word from the given option to replace the underlined phrase or words in the sentence below. We had to go to the first floor in the mall, so we moved towards <u>moving stairs</u>. (1) Slide (2) Flight (3) Escalator (4) Life
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	138
Question ID:	200138
Question Type:	MCQ
Question:	Fill in the blank with the correct determiner : _____ of the two brothers has been selected. (1) Neither (2) No (3) None (4) Much
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	139
Question ID:	200139
Question Type:	MCQ
Question:	Fill in the blank with the correct determiner : I found _____ one rupee coin on the play field. (1) Many (2) Some (3) A (4) An
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	140
Question ID:	200140
Question Type:	MCQ

Question:	Unscramble the letters to form a meaningful word and select the option similar in meaning to the rearranged word. L E A J O U S (1) Proud (2) Envious (3) Caring (4) Loving
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	141
Question ID:	200141
Question Type:	MCQ
Question:	Unscramble the letters to form a meaningful word and select the option similar in meaning to the rearranged word R U O S I L O G (1) Trivial (2) Dreary (3) Splendid (4) Plain
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	142
Question ID:	200142
Question Type:	MCQ
Question:	Fill in the blank with an appropriate phrase : _____ the pig ran towards the bushes. (1) with great speed (2) in great speed (3) on great speed (4) for great speed
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	143
Question ID:	200143
Question Type:	MCQ
Question:	Fill in the blank with an appropriate word : _____ are not the books which you borrowed from me. (1) That (2) This (3) These (4) Them
1:	1
2:	2
3:	3
4:	4

3:	3
4:	4

Section:	English
Item No:	148
Question ID:	200148
Question Type:	MCQ
Question:	Choose the part of speech from the given options to which the underlined word in the sentence belongs. The gardener <u>waters</u> the plant everyday. (1) adjective (2) adverb (3) verb (4) noun
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	149
Question ID:	200149
Question Type:	MCQ
Question:	Choose the correct antonym of 'Precious'. (1) Valuable (2) Useful (3) Worthless (4) Inevitable
1:	1
2:	2
3:	3
4:	4

Section:	English
Item No:	150
Question ID:	200150
Question Type:	MCQ
Question:	Choose the correct antonym for the word : Melancholy (1) Cheerfulness (2) Sadness (3) Desolate (4) Gloomy
1:	1
2:	2
3:	3
4:	4