



Monthly Progressive Test

Class: X

Subject: PCMB



Test Booklet No.: MPT09

Test Date:

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Time: 120 mins

Full Marks: 200

Important Instructions :

1. The Test is of 120 mins duration and the Test Booklet contains 100 multiple choice questions of single correct option only. There are four sections with four subjects. You have to attempt all 100 questions (Candidates are advised to read all 100 questions). Questions 1 to 25 contain Physics, Questions 26 to 50 contain Chemistry, Questions 51 to 75 contain Mathematics, Questions 76 to 100 contain Biology.
2. Each question carries 2 marks. For each correct response, the candidate will get 2 marks. There is no negative mark for wrong response. The maximum mark is 200.
3. Use Blue / Black Ball point Pen only for writing particulars marking responses on Answer Sheet.
4. Rough work is to be done in the space provided for this purpose in the Test Booklet only.
5. On completion of the test, the candidate must handover the Answer Sheet to the invigilator before leaving the Room / Hall. The candidates are allowed to take away this Test Booklet with them.
6. The CODE for this Booklet is Off Line

MPT07 20012025.

7. The candidates should ensure that the Answer Sheet is not folded. Do not make any stray marks on the Answer Sheet. Do not write your UID No. anywhere else except in the specified space. Use of white fluid for correction is NOT permissible on the Answer Sheet. **Do not scibble or write on or beyond discrete bars of OMR Sheet at both sides.**
8. Each candidate must show on-demand his/her Registration document to the Invigilator.
9. No candidate, without special permission of the Centre Superintendent or Invigilator, would leave his/her seat.
10. Use of Electronic Calculator/Cellphone is prohibited.
11. The candidates are governed by all Rules and Regulations of the examination with regard to their conduct in the Examination Hall. All cases of unfair means will be dealt with as per Rules and Regulations of this examination.
12. No part of the Test Booklet and Answer Sheet shall be detached under any circumstances.
13. There is no scope for altering response mark in Answer Sheet.

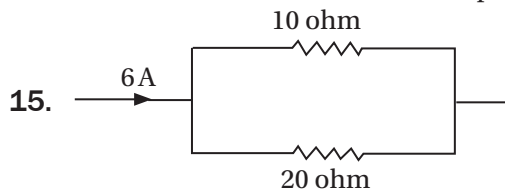
Space For Rough Works



Physics

1. The central point on the surface of curved mirror is called
 (A) centre of curvature (B) focus (C) pole (D) aperture
2. Face the concave mirror towards the sun. The image of sun will form at
 (A) pole (B) centre of curvature (C) focus (D) infinity
3. Convex mirrors are widely used as
 (A) rear-view mirrors (B) to get enlarged image
 (C) to use for examination of teeth (D) solar heating device
4. A concave mirror forms an inverted image of an object placed at a distance of 12 cm from it. If the image is twice as large as the object, then the separation between object and image is
 (A) 10 cm (B) 12 cm (C) 14 cm (D) 8 cm
5. A convex mirror always forms
 (A) a virtual image (B) erect image
 (C) smaller image than object (D) all of the above
6. A ray of light traveling in air falls on the surface of a transparent slab at an angle of incidence 45° . If the angle of refraction be 30° , then refractive index of the slab is
 (A) $\frac{3}{2}$ (B) $\frac{4}{3}$ (C) 1.414 (D) 1.2
7. When light travels from glass (r.i = $\frac{3}{2}$) to water (r.i = $\frac{4}{3}$), then $\sin(i_c) =$
 (where i_c is called critical angle for glass-water pair)
 (A) $\frac{8}{9}$ (B) $\frac{4}{9}$ (C) $\frac{3}{4}$ (D) $\frac{2}{3}$
8. A same-sized image is formed when an object is placed at a distance of 40 cm from a convex lens. Then the power of convex lens is
 (A) 2D (B) 1D (C) +5D (D) -5D
9. An object is placed on the principal axis of a concave lens at a distance of a concave lens at a distance of 20 cm from it. The focal length of concave lens is 20 cm. Then the separation between the object and image is
 (A) 10 cm (B) 12 cm (C) 8 cm (D) 14 cm
10. A convex lens of focal length 20 cm is placed in contact with a concave lens of focal length of 10 cm in such a way that they have the same principal axis. The combination has the power
 (A) 5D (B) -5D (C) 6D (D) 4D
11. The symbol represents (•) (in the electric circuit)
 (A) plug key (OFF) (B) plug key (ON) (C) switch (ON) (D) switch (OFF)
12. An ammeter is connected in
 (A) parallel, in a circuit (B) series, in a circuit
 (C) open circuit (D) all of the above
13. For a given potential (in volt), i (current) \propto
 (A) R (B) R^2 (C) $\frac{1}{R}$ (D) $\frac{1}{R^2}$

14. For alloys of metals, the resistivity
- (A) increases with rise in temperature (B) decreases with rise in temperature
 (C) remains same with rise in temperature (D) data is insufficient



current through 20 ohm resistor is

- (A) 4A (B) 2A (C) 3A (D) 2.5A
16. A 1000-watt heater has less resistance than a 100-watt bulb
- (A) false (B) same times true
 (C) true (D) cannot say as data is insufficient
17. A diagnostic technique in which the magnetism inside the human body is used to form images of tissues
- (A) MRI (B) laproscopy (C) endoscope (D) tubectomy operation
18. In ring magnet
- (A) it has only North Pole
 (B) it has only South Pole
 (C) one face is the north pole while the other is the South Pole
 (D) magnetism does not exists
19. The magnetic field is stronger where
- (A) the field lines are more closely spaced (B) the field lines are widely spaced
 (C) the field lines are absent (D) none of these
20. For a barmagnet
- (A) magnetic field lines are outside the barmagnet only
 (B) magnetic field lines are inside the barmagnet only
 (C) magnetic field lines are inside the bar magnet and outside the barmagnet
 (D) none of the above is correct
21. The magnetic effect of electric current can be very easily be demonstrated by bringing a magnetic compass near a current-carrying wire.
- (A) true (B) sometimes true (C) false (D) data insufficient
22. All magnetic field lines are
- (A) open curve (B) closed curve (C) sometimes closed curve (D) straight lines always

■ Assertion Reason based Questions (Q 23):

Directions: Read the following questions and choose any one of the following four responses.

- A: Assertion and Reason both are correct and Reason is the correct explanation of Assertion.
 B: Assertion and Reason both are correct and Reason is not the correct explanation of Assertion.
 C: Assertion is correct but Reason is wrong.
 D: Assertion is wrong but Reason is correct.

23. **Assertion(A) :** The direction of the magnetic field due to a current in a straight conductor is given by Maxwell's right-hand thumb rule.

Reason(R) : As the distance of the compass from the wire increases, the deflection of its needle decreases.

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

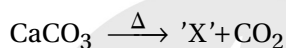
■ Case Study Based Questions (Q24 – Q25):

A coil is made by winding several turns of insulated wire in a circular form. When a current passes through a coil, each turn produces its own magnetic field. These fields together give rise to a net magnetic field that is stronger than that produced by a circular loop of single turn.

24. If a coil has n turns, the magnetic field due to the coil is n times stronger than that due to a single turn
 (A) true (B) sometimes true (C) false (D) none of the above
25. The current in the circular coil is reversed. Then
 (A) Strength of magnetic field remains same (B) the poles get interchanged
 (C) both (A) and (B) are correct (D) none of the above

Chemistry

26. Identify the product 'X' obtained in the following chemical reaction:



- (A) Quick lime (B) Gypsum (C) Limestone (D) Plaster of Paris

27. Consider the following chemical equation:



In order to balance this chemical equation, the values of a , b , c and d must be

- (A) 1, 6, 2 and 3 (B) 2, 6, 2 and 3 (C) 1, 6, 3 and 2 (D) 2, 6, 3 and 2

28. The following reaction is an example of a:



- (i) Displacement reaction (ii) Combination reaction
 (iii) Redox reaction (iv) Neutralization reaction
 (A) (i) & (iv) (B) (ii) & (iii) (C) (i) & (iii) (D) (iii) & (iv)

29. Rancidity can be prevented by:

- (A) Adding antioxidants (B) Storing food away from light
 (C) Keeping food in refrigerator (D) All of the above

30. Match the following:

Column-I		Column-II	
(a)	Metal oxides	(i)	pH = 7
(b)	Distilled water	(ii)	Generally basic in nature
(c)	Phenolphthalein	(iii)	Methanoic acid
(d)	Chalk	(iv)	Turns Pink with base
(e)	Ant sting	(v)	Calcium carbonate

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

31. A shiny brown coloured element 'A' on heating in air becomes black, because of formation of 'B'. Hence, 'A' and 'B' can respectively be:

- (A) Ag, Ag₂O (B) Cu, CuO (C) Fe, Fe₂O₃ (D) Al, Al₂O₃

32. The colour of the precipitate obtained during the reaction of potassium iodide and lead nitrate is:

- (A) White (B) Blue (C) Yellow (D) Grey

33. Select the mixed salt:

- (A) FeSO₄ · (NH₄)₂SO₄ · 6H₂O (B) CH₃COONH₄
(C) Na₂KPO₄ (D) K₄[Fe(CN)₆]

34. Which of the following will have the maximum concentration of H⁺ ions?

- (A) Solution with pH = 4 (B) Solution with pH = 10 (C) Solution with pH = 2 (D) Solution with pH = 7

35. Complete the reaction:



- (A) Zn(OH)₂ + H₂O (B) Na₂ZnO₂ + Na₂O (C) Zn(OH)₂ + H₂O₂ (D) Na₂ZnO₂ + H₂

36. What will be the decreasing reactivity order when metals react with dilute mineral acid?

- (A) Na > Zn > Mg > Fe > Cu (B) Na > Mg > Fe > Zn > Cu
(C) Zn > Na > Mg > Cu > Fe (D) Na > Mg > Zn > Fe > Cu

37. Which of the following contains both polar and non-polar bonds?

- (A) NH₄Cl (B) HCN (C) H₂O₂ (D) CH₄

38. Both ionic and covalent bonds are present in:

- (A) CH₄ (B) NaOH (C) KCl (D) SO₂

39. In the following reactions:



Metal 'M' and Salt 'Y' respectively can be:

- (A) Mg and Mg(OH)₂ (B) Ca and CaO (C) Fe and Fe₂O₃ (D) Zn and Na₂ZnO₂

40. Consider the following aqueous solutions

- (i) Zinc sulphate (ii) Copper sulphate (iii) Aluminium sulphate (iv) Ferrous sulphate

A few iron filings were placed in the given solutions and the changes were observed. Which of the following observations is correct for the above activity?

- (A) Colour of all four solutions is changed
(B) Colour change is observed only in solutions (i), (ii) and (iii)
(C) No change is observed in the solutions (i), (iii) and (iv)
(D) Only the colour of solution (iii) is changed

■ Assertion Reason based Questions (41–45):

Directions: Read the following questions and choose any one of the following four responses.

a: Assertion and Reason both are correct and Reason is the correct explanation of Assertion.

b: Assertion and Reason both are correct and Reason is not the correct explanation of Assertion.

c: Assertion is correct but Reason is wrong.

d: Assertion is wrong but Reason is correct.

41. **Assertion (A):** Metals have high reactivity are reduced by electrolysis.

Reason (R): Metals have strong bonds in their compounds

- (A) a (B) b (C) c (D) d

42. **Assertion (A):** The atoms in a covalent molecule share electrons but some are polar covalent.

Reason (R): In polar covalent molecules the shared electrons spend more time near one of the atoms.

- (A) a (B) b (C) c (D) d

43. **Assertion (A):** HCl is an acid.

Reason (R): HCl produces H_3O^+ in water.

- (A) a (B) b (C) c (D) d

44. **Assertion (A):** pH of pure distilled water is always 7.

Reason (R): Pure water contains equal concentration of hydronium and hydroxyl ions.

- (A) a (B) b (C) c (D) d

45. **Assertion (A):** NaCl is formed by the reaction of NaOH with HCl.

Reason (R): NaCl is soluble in water.

- (A) a (B) b (C) c (D) d

46. Which of the following alloys contain non-metal as one of the constituents?

- (A) Brass (B) Steel (C) Bronze (D) Amalgam

■ **Case Study Based Questions (47–48):**

Read the passage carefully and select the correct options :

Covalent bonds are formed by the non-metals and ionic bonds are formed by complete transfer of electrons between metals and non-metals. Covalent compounds fulfill their octets by sharing electrons and receive nearest noble gas configuration. Thus covalent molecules may have single, double and triple bonds. But in case of ionic compounds, the metal releases electron(s) to form cations and the non-metals accept electron(s) to form anion.

47. When magnesium and oxygen form magnesium oxide then correct statement is

- (A) Metal releases 3 electrons and non - metal accepts 2 electrons
 (B) Metal releases 2 electrons and non - metal accepts 2 electrons
 (C) Metal releases 3 electrons and non - metal accepts 3 electrons
 (D) Metal releases 2 electrons and non - metal accepts 3 electrons

48. X = total number of electrons in the outermost shell of N^{3-} ion

Y = total number of electrons in the outermost shell of oxygen atom

The value of (X + Y) is

- (A) 12 (B) 14 (C) 16 (D) 15

49. Write the I.U.P.A.C name of tertiary butyl alcohol

- (A) 1-methyl-propanol (B) 2-methyl-propanol
 (C) 2-methyl-propan-2-ol (D) 1, 1-dimethyl ethanol

50. Find the total number of structural isomers of C_4H_8

- (A) 2 (B) 3 (C) 4 (D) 5

Mathematics

51. The sums of n terms of two arithmetic series are in the ratio of $7n + 1 : 4n + 27$. Find the ratio of their 11th terms.

- (A) 4 : 3 (B) 5 : 4 (C) 7 : 4 (D) none of these

52. A number is chosen at random from 1 to 120. The probability of the number chosen being a multiple of 3 and 15 both is _____.

- (A) $1/15$ (B) $1/16$ (C) $1/17$ (D) $1/19$

53. Which of the following is true?

- (A) Three points (1, -2), (3, 4) and (4, 7) form a straight line
 (B) Any line parallel to x-axis is $y = b$
 (C) The point (3, 4) is at a distance of 5 units from the origin
 (D) All of these

54. A kite is flown with a thread of 250 m length. If the thread is assumed to be stretched and makes an angle of 60° with the horizontal, then the height of the kite above the ground is (Use $\sqrt{3} = 1.732$) _____.

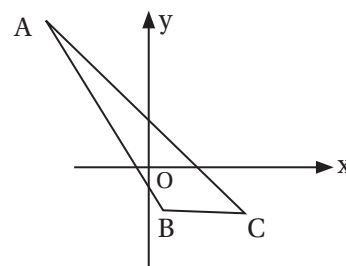
- (A) 216.50 m (B) 215.25 m (C) 212.25 m (D) 210.25 m

55. The points A(-5, 5), B(1, -3) and C(4, -3) are shown in the given figure.

Find: (a) the coordinates of the midpoint of AC.

(b) the length of AB.

	(a)	(b)
(A)	$(-1/2, 1)$	9 units
(B)	$(-1/2, 1)$	10 units
(C)	$(1/2, -1)$	9 units
(D)	$(1/2, -1)$	10 units



56. Which of the following is incorrect

- (A) For $K = \frac{9}{8}$, the equation $2x^2 + 3kx + K = 0$ will have real and equal roots.
 (B) For $K = -1$, the equation $x^2 + K(4x + K - 1) + 2 = 0$ will have equal roots.
 (C) For $K = 2$, the equation $x^2 - 2x(1 + 3K) + 7(3 + 2K) = 0$ will have equal roots.
 (D) For $K = -3$, the equation $(K + 1)x^2 - 2(K - 1)x + 1 = 0$ will have equal roots.

57. A number is chosen at random from 1 to 120. The probability of the number chosen being a multiple of 3 or 15 is _____.

- (A) $\frac{1}{3}$ (B) $\frac{1}{6}$ (C) $\frac{1}{9}$ (D) $\frac{1}{12}$

58. Two metallic right circular cones having their heights 4.1 cm and 4.3 cm respectively and the radii of their bases 2.1 cm each, have been melted together and recast into a sphere. Find the diameter of the sphere.

- (A) 2.1 cm (B) 3.5 cm (C) 4.2 cm (D) 6.2 cm

59. $\sqrt{3}x + \sqrt{2}y = \sqrt{12}$

$\sqrt{2}x - \sqrt{3}y = \sqrt{8}$

Find the x-coordinate.

Ⓐ 0

Ⓑ 1

Ⓒ $\sqrt{2}$

Ⓓ none of these

60. Given $\{a_n\}$ an arithmetic sequence such that

$a_1 + a_2 = 9$

$a_1 + a_2 + a_3 + \dots + a_8 = 108$

Find third term.

Ⓐ 7

Ⓑ 9

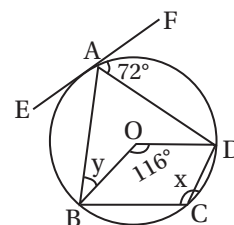
Ⓒ 12

Ⓓ none of these

61. In the following diagram, O is the center of the circle. EF is the tangent to the circle. Find the values of x and y.

Ⓐ $x = 64^\circ, y = 72^\circ$ Ⓑ $x = 72^\circ, y = 64^\circ$ Ⓒ $x = 122^\circ, y = 36^\circ$

Ⓓ none of these

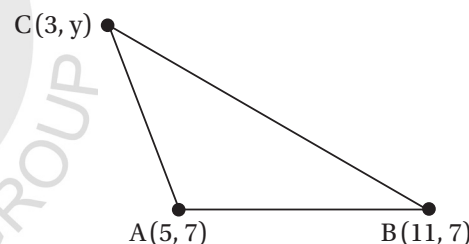
62. The coordinates of ΔABC are $A(5, 7)$, $B(11, 7)$ and $C(3, y)$, with $y > 7$. The area of ΔABC is 12. What is the value of y?

Ⓐ 8

Ⓑ 9

Ⓒ 10

Ⓓ 11



63. A rectangle has integer length sides and an area of 2024. What is the least possible perimeter of the rectangle?

Ⓐ 160

Ⓑ 180

Ⓒ 222

Ⓓ 228

64. If $\sec\theta = x + \frac{1}{4x}$, then $\sec\theta + \tan\theta =$ Ⓐ $2x$ or $\frac{1}{2x}$ Ⓑ Only $2x$ Ⓒ Only $\frac{1}{2x}$ Ⓓ $2x$ or $\frac{1}{x}$ 65. In ΔPQR , point M is on side PQ and point S is on the side PR such that QRSM is a trapezium. If $MS : QR = 3 : 5$, then find area (ΔPMS) : area (QRSM).

Ⓐ 9 : 16

Ⓑ 10 : 17

Ⓒ 3 : 5

Ⓓ 9 : 25

66. For a frequency distribution, mean, median and mode are connected by which of the following relations?

Ⓐ Mode = 3 Mean - 2 Median

Ⓑ Mode = 2 Median - 3 Mean

Ⓒ Mode = 3 Median - 2 Mean

Ⓓ Mode = 3 Median + 2 Mean

67. The circumference of the base of a cylindrical vessel is 132 cm and its height is 25 cm. How many litres of water can it hold?

Ⓐ 34.11 L

Ⓑ 45.40 L

Ⓒ 24.65 L

Ⓓ 34.65 L

68. Find the number of zeros at the end of product of $15 \times 20 \times 25 \times 30 \times 35$

Ⓐ 2

Ⓑ 3

Ⓒ 4

Ⓓ 5

69. A girl of height 90 cm is walking away from the base of a lamp-post at a speed of 1.2 m/sec. If the lamp is 3.6 m above the ground, then find the length of her shadow after 4 seconds.

- (A) 0.6 m (B) 2.6 m (C) 1.4 m (D) 1.6 m

70. If the median for the following frequency distribution is 28.5, then find the values of x and y respectively

Classes	Frequency
0-10	5
10-20	x
20-30	20
30-40	15
40-50	y
50-60	5
Total	60

- (A) 8, 7 (B) 7, 8 (C) 9, 6 (D) 6, 9

■ **Assertion Reason based Questions (71-72):**

Directions: In the following questions, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct answer out of the following choices.

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).
 (b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).
 (c) Assertion (A) is true but reason (R) is false.
 (d) Assertion (A) is false but reason (R) is true.

71. **Assertion(A)** : TF is a tower with F on the ground. The angle of elevation of T from A is x such that $\tan x = \frac{2}{5}$ and AF = 200 m. The angle of elevation of T from a nearer point B is y with BF = 80 m. The value of y is 45° .

Reason(R) : The angles of elevation of the top of a tower from two points P and Q at distances m^2 and n^2 respectively, from the base and in the same straight line with it are complementary. The height of the tower is m/n .

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

72. **Assertion(A)** : $\frac{\sin\theta - \cos\theta + 1}{\sin\theta + \cos\theta - 1} = \frac{1}{\sec\theta - \tan\theta}$

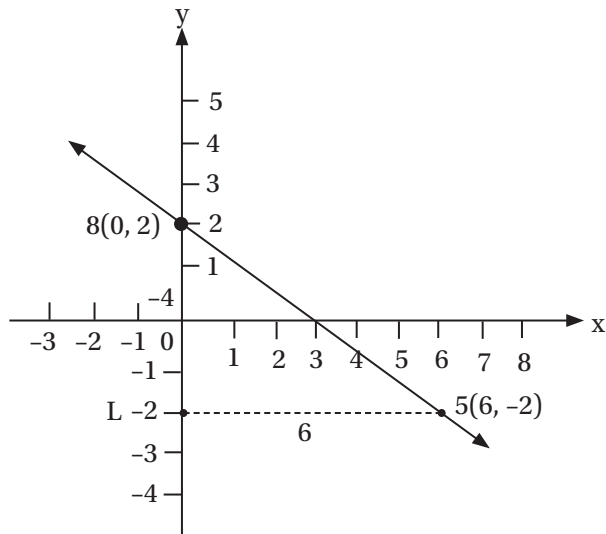
Reason(R) : $\sec^2\theta = 1 + \tan^2\theta$.

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

■ **Case Study Based Questions (73-75):**

Read the passage given below and answer the following questions:

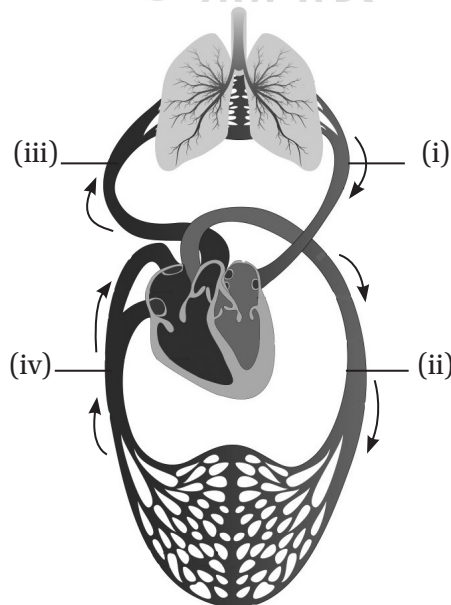
Three friends R, L and S go to the same school and live in the same neighbourhood, but they are at different locations in the playground. They are connected by a path of distances which varies for each one of them differently as shown in the respective image below.



73. Using distance formula, find distance between R and S.
 (A) 7.36 units (B) 7.21 units (C) 6.52 units (D) 8.23 units
74. Find the point which is equidistant from R and L
 (A) (1, 0) (B) (-1, 0) (C) (0, 0) (D) All of these
75. Find the area for the figure formed from their locations.
 (A) 12 sq. units (B) 15 sq. units (C) 20 sq. units (D) 18 sq. units

Biology

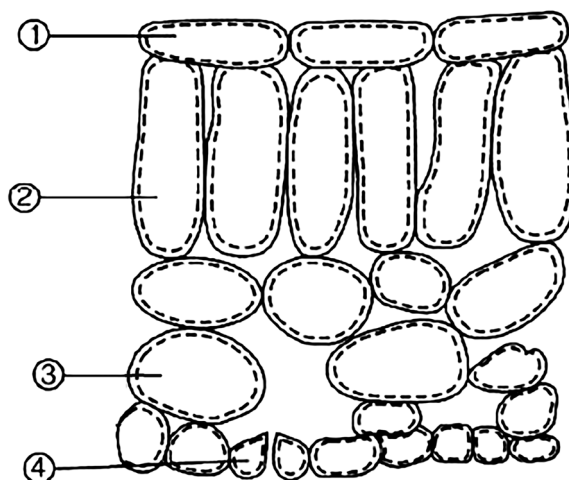
76. The figure given below shows a schematic plan of blood circulation in humans with labels. Identify the correct label with its functions:



- (A) (i) Pulmonary vein – takes impure blood from body parts

- Ⓑ (ii) Pulmonary artery - takes blood from lungs to heart
- Ⓒ (iii) Aorta - takes blood from heart to body
- Ⓓ (iv) Vena cava - takes blood from body parts to right auricle

77. The diagram shows the arrangement of cells inside the leaf of a green plant. Which group of cells normally contain chloroplasts ?



- Ⓐ 1 and 2 Ⓑ 2 and 3 Ⓒ 2 and 4 Ⓓ 1 and 4
78. Choose the correct statement:
- Ⓐ Bile is made in the gall bladder and stored in the liver.
 - Ⓑ Saliva contains no enzyme.
 - Ⓒ Trypsin and pepsin are both fat digesting enzymes.
 - Ⓓ The process of digestion completes in the small intestine.
79. In the spring, sugar stored in roots or stems, would be transported to the buds which need more energy to bloom into flowers. Select the correct statement about this transport.
- Ⓐ It requires energy
 - Ⓑ It occurs through the xylem
 - Ⓒ Food is carried upwards, from the roots, by transpiration pull
 - Ⓓ Food moves by cell to cell diffusion
80. How many molecules of lactic acid are formed during lactic acid fermentation?
- Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 4
81. Select the incorrect statement:
- Ⓐ Alveoli are made up of thin and moist membranes.
 - Ⓑ Alveoli are richly supplied with blood vessels.
 - Ⓒ Alveoli are the sites of formation of oxyhaemoglobin.
 - Ⓓ Alveoli are not present in trachea.
82. Which one of the following processes is not followed by plants for excretion?
- Ⓐ They selectively filter toxic substances through their leaves.
 - Ⓑ Waste products are stored as resins and gums in old xylem.

94. **Assertion (A):** Height is character.

Reason (R): Tallness or dwarfness are traits.

(A) A

(B) B

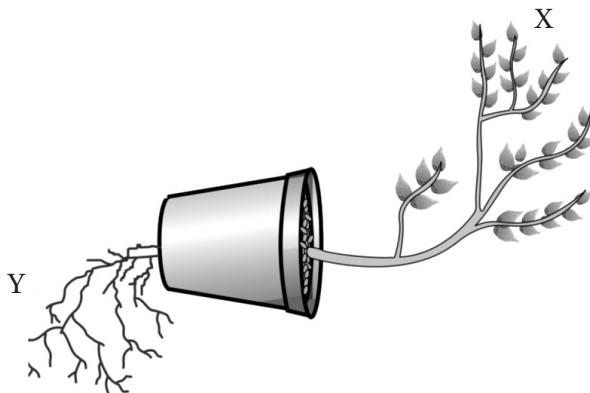
(C) C

(D) D

Case Based Questions (95-97):

Read the given passage and answer the following questions:

A potted plant, with parts marked as X and Y, is kept horizontally. After a few days, it was observed that both the parts bend in different directions.



95. Choose the correct statement regarding the type of movement shown by the plant.

(A) The movements of both the parts are dependent on the direction of stimulus.

(B) The movements can be reversed by reversing the direction of stimulus.

(C) Movement of the leaflets of *Mimosa pudica* is not the same as these movements.

(D) All of the above

Directions: Read the following questions and choose any one of the following four responses.

A. Both Assertion and Reason are true and Reason is the correct explanation of the Assertion.

B. Both Assertion and Reason are true but Reason is not the correct explanation of the Assertion.

C. Assertion is true but Reason is false.

D. Assertion is false but Reason is true.

96. **Assertion (A):** The pollen tube grows towards the ovule.

Reason (R): The movement of the pollen tube occurs due to the same stimulus as received by the part Y.

(A) A

(B) B

(C) C

(D) D

97. In case of a climber, what causes the bending of the tendril towards the support?

(A) Unequal distribution of auxin on the illuminated and shady parts of the stem.

(B) Chemotropism

(C) Apical dominance caused by auxin

(D) None of the above

Case Based Questions (98-100):

Two pea plants, one with round and yellow seeds (RRYY) and another with wrinkled and green seeds (rryy) are crossed. Answer the following questions on the basis of the above statement:

98. Which gamete will not be produced when the FI plants are self pollinated?
- Ⓐ RR
 - Ⓑ YY
 - Ⓒ yy
 - Ⓓ None of these combinations will be produced in the gametes
99. If 1600 plants were obtained in the F₂ generation, the number of plants having round and yellow seeds would be:
- Ⓐ 900
 - Ⓑ 600
 - Ⓒ 300
 - Ⓓ 100
100. What will be the phenotype of the FI individuals?
- Ⓐ Round and green seeds
 - Ⓑ Round and yellow seeds
 - Ⓒ Wrinkled and yellow seeds
 - Ⓓ Wrinkled and green seeds

