

# **Monthly Progressive Test**

Class: IX (G)

Subject: PCMB



Test Booklet No.: MPT06 Test Date: 0 3 1 0 2 0 2 4

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 MPT06(G)03102024
- 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 scrible 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 evidence to show existence of force acting between Sun and Earth and directed

B Deviation of falling body

	© Phenomenon of	day and nigl	nt			
	Apparent motion	of the Sun a	around the Ea	rth		
2.	The value of G					
	A Decreases with h	eight	B	Is zero at the cent	re c	of Earth
	© Increases with he	eight	<b>(D)</b>	Remains same ev	ery	where
3.	If the distance between	een the Sun	and Earth is i	ncreased to twice t	her	n the $F_{ m new}$ will
	<b>A</b> Decrease by 75%	B Increase	e 25% ©	Remain same	<b>(</b>	Decrease by 25%
4.	Two bodies having r force between them		d v are separa	ted by a distance x	, th	en the gravitational
		$\bigcirc \frac{Gw}{r^2}$	©	$\frac{Gw^2}{w}$	<b>(D)</b>	$\frac{gw}{w^2}$
5.	If the masses of two halved, the new grav					tween them is also
	$lacktriangle$ $F_{\text{initial}}$	<b>B</b> 2 F <sub>initial</sub>	©	$0.5 \times F_{ m initial}$	<b>(D)</b>	$4 F_{ m initial}$
6.	A stone is allowed to stone is projected ve		/ / / / / /			
	A Two stones meet	after 4 s at a	height 10 m	from the ground		
	® Two stones meet after 4 s at a height of 20 m from the ground					
	© Two stones meet	after 5 s				
	Two stones meet	at a height o	of 30 m			
7.	If the weight of a boothan the radius of ea	•	•	depth d (where h a	ınd	d are much smaller
	<b>A</b> 1:2	<b>B</b> 1:3	©	1:4	<b>(D)</b>	1:1
8.	A falling apple led to	o realize tha	t the earth att	racts all objects to	war	ds its centre.
	<b>A</b> True	B False	©	May be true	<b>(D)</b>	None of the above.
9.	Every object in the u	ıniverse attı	acts each oth	er object.		
	A True	B False	©	May be true	<b>(D)</b>	None of the above.

towards the Sun is

Spin motion of Earth about its axis

10.	The force of attraction between two objects in the universe is independent of intervene medium.				se is independent of intervening		
	A False	B	May be false	© True	We can not say		
11.	The gravitate to the	tional force	of attraction bet	ween any two p	particles is directly proportional		
	Square of	of the produ	ct of their masses	5			
	<b>®</b> Square r	oot of the pi	oduct of their m	asses			
	© product	of their mas	ses.				
	None of	these.					
12.	The gravitation the objects	tional force	of attraction obe	eys inverse squa	are law of the distance between		
	(A) May be t	rue ®	False	© True	Data insufficient.		
			Questions (13–1		C (1		
	i <b>rections:</b> Re sponses.	ead the folio	owing questions	and choose any	y one of the following four		
	-	nd Reason h	oth are correct ar	nd Reason is the	correct explanation of Assertion		
		711			not the correct explanation of		
D.	Assertion	ina ricason	both the correct	did iteason is	s not the correct explanation of		
C	Assertion is	s correct but	Reason is wrong	G			
			Reason is correct				
	Assertion:	Wheneve		s near the surfa	ce of earth, with no other		
		The accelera			of gravity and is called the		
	A A	B	В	© C	<b>©</b> D		
14.	Assertion:	The direction	on of acceleration	due to gravity	is towards the centre of earth.		
			ne value of g is 9				
	A A	B	В	© C	<b>©</b> D		
Case	Based Que	stions (Q. N	o. 15):				
	We know that planets go around the Sun. The moon goes around the earth. We know that a force is needed to change the speed or direction of motion of an object. We have observed that an object dropped from a height falls towards the earth with higher speed.						

The same force is responsible for all these . This force is called gravitational force.

<b>15</b> .	The concept of universal	law of gravitation c	an explain the m	otion of planets a	round
	the Sun.				

A False

May be false

© True

**O** None of the above.

**16.** If a body starts from rest and moves with uniform acceleration, then:

 $\triangle v \propto t$ 

(B)  $s \propto t$ 

 $\bigcirc$   $S \propto S$ 

**17.** A body from rest, moves with an acceleration of  $2 \text{ m s}^{-2}$ . Then the distance travelled in the 4th second is (m).

**A** 10

**B** 6

© 7

**D** 28

**18.** A man is at a distance of 6 m from a bus. The bus begins to move with a constant acceleration of 3 m s<sup>-2</sup>. In order to catch the bus, the minimum speed with which the man should run towards the bus is (in 2 s)

 $\triangle 2 \text{ m s}^{-1}$ 

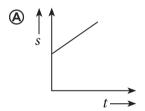
**B**  $4 \text{ m s}^{-1}$ 

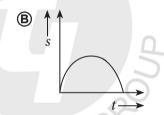
 $\bigcirc$  6 m s<sup>-1</sup>

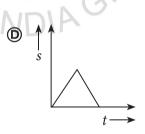
 $\bigcirc$  8 m s<sup>-1</sup>

**19.** Which one of the following represents uniform motion?

a







**20.** A stone is thrown upwards from the surface with an initial speed of 5 m/s. The stone comes to rest height of  $(g = 10 \text{ m/s}^2) \text{ h}$  m from ground. Then 10h =

**(A)** 1.25 m

**B** 12.5 m

© 125 m

② 2.45 m

**21.** If the weight of a body is same at height h and depth d (where h and d are much smaller than the radius of earth), then h : d =

A 1:2

**B** 1:3

© 1:4

D 1:1

**22.** If the change in the value of g at a depth d and at the height h above the surface of Earth is same then

 $\triangle$  d = 3h

 $lackbox{1}{B} d = 2h$ 

© 2d = h

① d = 1.5h

			[ -]	ı			
23.	. If $g_e$ and $g_p$ denote accelerations due to gravity on the surface of the earth and or planet respectively whose mass and radius are twice that of the earth, then						
		B	$g_{\rm e} = 2g_{\rm p}$	©	$2g_{\rm e} = g_{\rm p}$	<b>D</b>	$g_{\rm e} = 4g_{\rm p}$
24.	An earth satellite of Earth. If R is the radio of satellite in its orbit	ius a			•		
	$\bigcirc$ $\sqrt{gR}$	B	$\frac{gR^2}{R+y}$	©	$R\sqrt{\frac{g}{R+y}}$	<b>(D)</b>	$\sqrt{\frac{gy}{R+2y}}$
25.	A sphere of mass 2 following physical of	_	-		-	n he	eight. Which of the
	A Weight	lacksquare	Mass	©	Velocity	<b>(D)</b>	Both A and B
			Chemi	ist	rv		
26.	Kalium is the Latin			_			
	A Potassium				Calcium		Proton
27.	The gram molecular	r ma	ss of ammonia is .		[N=1]	4, H	[ = 1]
	<b>A</b> 17 grams	lacksquare	31 grams	©	20 grams	<b>(D)</b>	25 grams
28.	Atomic mass of cal	ciur	n is 40. The mass o	of 2.	5 gm atoms of calc	cium	is
	<b>A</b> 40 g	lacksquare	2.5 g	©	100 g	<b>(D)</b>	80 g
29.	The molecular form	ula	of nitre is	<b>-</b> •			
	<b>♠</b> NaNO <sub>3</sub>	lacksquare	$KNO_3$	©	$KNO_2$	<b>(D)</b>	KCN
30.	The value of Avogac	lro c	onstant is	<b>_</b> •			
	<b>(A)</b> $6.022 \times 10^{24}$	lacksquare	$6.022\times10^{22}$	©	$60.22\times10^{23}$	<b>(D)</b>	$6.022\times10^{23}$
31.	All samples of carbo			bon	and oxygen in the	e ma	ss ratio of 3 : 8. This
	A Conservation of	Mas	ss	lacksquare	Constant Propor	tion	
	© Multiple Proport	ion		<b>(D)</b>	Reciprocal Propo	rtio	n
32.	The number of aton	ns ir	a molecule of the	ele	mentary substanc	es is	called
	<b>(A)</b> Atomic number	lacksquare	Avogadro numbe	r©	Atomic mass	<b>(D)</b>	Atomicity

#### **Assertion Reason Type Question (33-34):**

Read the two statements carefully and select the correct option given below.

- 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
- **33. Assertion (A):** Chemical properties of nitrogen and oxygen are different **Reason (R):** Both nitrogen and oxygen are gaseous
- **34. Assertion (A):** Atomicity of sulphuric acid is 9

Reason (R): Atomicity is defined as the total number of atoms present in the molecule

#### Case Based Questions (35-36):

John Dalton proposed the first atomic theory of a substance and according to this theory, atoms are the smallest individual part and they are indivisible and they cannot be created or destroyed. Atoms of different elements have different chemical and physical properties. Atoms combine in simple whole number ratio of their masses. The relative number and kinds of atoms are constant in given compound

- **35.** The smallest individual part of an element is
  - A Molecule
- B Atom
- © Mixture
- © Compound
- 36. Atoms cannot be created or destroyed. This statement supports
  - A Law of definite proportion
- B Law of increase in mass and energy
- © Law of conservation of mass
- D Law of conservation of volume
- **37.** Atomic mass of element 'X' is 41 u and that for 'Y' is 72 u. The formula unit mass of the  $X_2Y_3$  is
  - **(A)** 342 u
- **B** 298 u
- © 254 u
- **©** 264 u
- **38.** A container has  $3.011 \times 10^{21}$  neon atoms. What is the number of mole?
  - **(A)** 0.005 mole
- **®** 0.05 mole
- © 0.0005 mole
- **©** 0.5 mole
- **39.** If atomic mass of oxygen is 16 u then correct value of number of moles of 4 gm oxygen molecules is
  - **(A)** 0.25 mole
- **®** 0.75 mole
- © 0.125 mole
- **©** 0.425 mole
- **40.** Consider the equation  $P_4 + 5O_2 \longrightarrow 2P_2O_5$ . What mass of  $P_2O_5$  will be formed when

	0.31 gm phosphorus will be reacting completely ? [atomic mass : $P = 31$ , $O = 16$ ]							
	<b>(A)</b> 0.71 gm	<b>B</b> 0.142 gm	© 0.284 gm	<b>(D)</b>	0.355 gm			
41.	The chemical formu	ıla of Aluminium sulpl	hate is					
	AlSO <sub>4</sub>	lacksquare Al <sub>2</sub> SO <sub>4</sub>	$\bigcirc$ Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	<b>(</b>	$Al_3(SO_4)_2$			
42.	The value of $a$ , $b$ and	d c in the equation						
	$a \operatorname{Pb}(\operatorname{NO}_3)_2 - \Delta$	$\rightarrow b \text{ PbO} + c \text{ NO}_2 + \text{ O}_2$	are respectively					
	<b>(A)</b> 4, 2, 2	<b>B</b> 2, 4, 2	© 2, 2, 2	<b>(</b>	2, 2, 4			
43.	Aqueous solution of	f barium chloride reac	ts with the aqueous so	olut	ion of			
	A hydrochloric acid	d	B sodium chloride					
	© sodium sulphate		Sodium bromide					
44.	Fractional distillation	on makes use of the dif	fference in					
	A rates of dissolution	on	<b>®</b> purity					
	© solubilities		boiling point					
45.	Wrong statements a	bout atoms are						
	• •	nd solid matters are ma	-					
	(II) At the end of a reaction, atoms are destroyed							
	(III) The relative nu	mber and kind of aton	ns are not constant for	ag	iven compound			
	(A) I, II, III	® I, II	© II, III	<b>(D)</b>	I, III			
46.	•	one, sulphur and argor	_					
	<b>(A)</b> 8, 3, 1	<b>B</b> 1, 8, 3			8, 1, 3			
47.	•	es are present in 200 g xygen = 16, Avogadro r		[Ato	omic mass : calcium			
	<b>A</b> $1.2044 \times 10^{21}$	<b>B</b> $12.044 \times 10^{23}$	© $12.044 \times 10^{24}$	<b>(D)</b>	$1.2044 \times 10^{23}$			
48.	What weight in gran	ns is represented by 1.	5 moles of sulphur did	oxid	le? [S = 32, O = 16]			
	<b>A</b> 60g	<b>B</b> 140g	© 96g	<b>(D)</b>	91g			
Asse	rtion Reason Type (	Question (49):						
Re	ead the two statemen	ts carefully and select	the correct option giv	en l	below.			
A:	Assertion and Reaso	n both are correct and	Reason is the correct e	xpl	anation of Assertion			
<b>B</b> :	Assertion and Reas Assertion	on both are correct a	nd Reason is not the	COI	rrect explanation of			
C	Assertion is correct	but Reason is wrong						
D	: Assertion is wrong but Reason is correct							

**49. Assertion (A):** Atomic Mass of Mg is 24

Reason (R): An atom of magnessium is 24

times heavier than  $\frac{1}{12}$ th of the mass of carbon atom (C - 12)

A

**B** I

© C

**(D)** D

#### Case study based Questions (50):

Read the passage given below and answer the question that follow:

A mole is a collection of  $6.02 \times 10^{23}$  particles and the number  $6.02 \times 10^{23}$  is called Avogadro's number. The mass of this number of atom in an element is equal to its gram atomic mass and mass of this number of molecules in a compound is equal to its gram molecular mass. The volume occupied by this number of molecules of a gas at N.T.P. is 22.4 C. When  $6.02 \times 10^{23}$  molecules of a substance are dissolved in 1L of solution, the solution is Known as 1 molar solution.

- **50.** 0.49 gm sulphuric acid is added to 1.8 gm water. What is the total number of moles of the mixture ? [Atomic mass : hydrogen = 1, sulpher = 32, oxygen = 16, Avogadro number =  $6.02 \times 10^{23}$ ]
  - **(A)** 0.015 mole
- **B** 0.105 mole
- © 0.15 mole
- **©** 0.03 mole

## **Mathametics**

- **51.** Abscissa of all the points on x-axis is \_\_\_\_\_
  - **(A)** 0

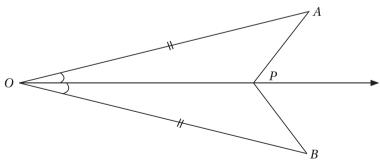
**B** 1

© 2

any number

- **52.** The line x 7 = 0 is
  - A parallel to y-axis

- **B** parallel to x-axis
- © passing through the origin
- parallel to x-axis
- **53.**  $\triangle OAP \cong \triangle OBP$  in given figure. The criteria by which the triangles are congruent is



- A SAS
- ® SSS

© RHS

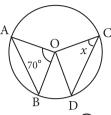
- ASA
- **54.** In a parallelogram ABCD,  $\angle$ BAD = 75°,  $\angle$ CBD = 65°; then the value of  $\angle$ BDC is
  - **A** 40°

**B** 45°

© 50°

**©** 60°

**55.** O is the centre of the circle, If chord AB = chord CD, then x =



**♠** 70°

**B** 50°

© 55°

- **D** 45°
- **56.** In a trapezium ABCD, AB  $\parallel$  DC and AB = 7 cm and DC = 5 cm. If E, F are the mid-point of AD and BC respectively then the length of EF is
  - **A** 5 cm
- **®** 7 cm
- © 6 cm
- **1**2 cm
- **57.** If 3x + 2y = 17 and x and y are positive integers, then y could be which of the following
  - **A** 2

**B** 3

© 4

© 5

#### Assertion-Reason Based Questions (58-59):

**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 the Reason is false.
- d. Assertion is false but Reason is true.
- **58. Assertion:** The point P(-3, 0) lies on x-axis.

**Reason:** Every point on x-axis is of the form (x, 0).

A a

B b

© c

**©** d

**59. Assertion:** The point O(0, 0) lies on quadrant I.

**Reason:** The point O(0, 0) lies on both the axes.

**(A)** a

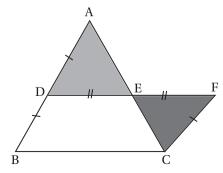
**(B)** b

© c

(D) d

#### Case Study based Questions (60-62):

Read the paragraph given below and answer the following questions:



Hareesh and Deep were trying to prove a theorem. For this they did the following: i) Drew a triangle ABC ii) D and E are found as the mid points of AB and AC iii) DE was joined and DE was extended to F so DE = EF iv. FC was joined.

- **60.**  $\triangle$ ADE and  $\triangle$ CFE are congruent by which criteria?
  - **A** SSS

® RHS

© SAS

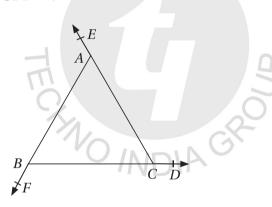
ASA

- **61**. ∠EFC is equal to which angle?
- © ∠AED
- **⑤** ∠B

- **62.** ∠ECF is equal to which angle?
  - ∠EAD
- © ∠AED
- **②** ∠B
- **63**. Which of the following is not a criterion for congruence of triangles?
  - **A** SSA
- ® SAS

- © ASA
- © SSS
- **64.** The sides BC, CA and AB of  $\triangle$ ABC have been produced to D, E and F respectively as shown in the figure, forming exterior angles  $\angle$ ACD,  $\angle$ BAE and  $\angle$ CBF.

Then  $\angle ACD + \angle BAE + \angle CBF = ?$ 



- **A** 240°
- **B** 300°

© 320°

- **©** 360°
- **65.** If the point (3, 4) lies on the graph of the equation 3y = ax + 7, then the value of a is

**B** 1.6

© 1

- **66.** Representation of  $3.\overline{6}$  in  $\frac{p}{q}$  form is

©  $\frac{10}{10}$ 

- **67.** If  $a^{\frac{1}{3}} + b^{\frac{1}{3}} + c^{\frac{1}{3}} = 0$ , then
  - **(A)** a + b + c = 0

**B**  $(a+b+c)^3 = 27abc$ 

 $\bigcirc$  a+b+c=3abc

- **68.** If x + y = 2013 and  $\frac{1}{x} + \frac{1}{y} = 2013$  what is the value of xy?
- **B** 4026
- © 0

**①** 1

- **69.** If p(x) = x + 4, then p(x) + p(-x) = ?
  - **(A)** 0

**B** 4

© 2*x* 

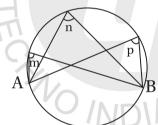
- (D) 8
- **70.** In  $\triangle ABC$ , if  $\angle A + \angle B = 125^{\circ}$  and  $\angle A + \angle C = 113^{\circ}$ , then  $\angle A = ?$ 
  - (62.5)°
- **B** (56.5)°
- © 58°

- **©** 63°
- 71. If y = mx + c represents the equation of a line, then m is called slope of this line. Find the slope of the line  $\frac{3x}{4} = \frac{5y}{9} + 7$ .
  - (A)  $1\frac{1}{5}$

- **B**  $2\frac{1}{5}$
- ©  $3\frac{1}{5}$

- $\bigcirc 2\frac{3}{5}$
- **72.** Which of the points A (0, 6), B (-2, 0), C (0, -5), D (3, 0) and E (1, 2) does not lie on x-axis?
  - A and C
- **B** B and D
- © A, C and E
- © E only

**73.** In the figure as shown; if  $m = 40^{\circ}$ , then find n + p

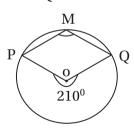


**®** 2m

© 3m

 $\bigcirc \frac{3}{2}$ m

**74.** If reflex  $\angle POQ = 210^{\circ}$ , then find  $\angle PMQ$ 



- **A** 105°
- $\bullet$   $60^{\circ}$

 $\odot$  75°

- (D) 90°
- **75.** ABC is an isosceles triangle having AB equal to AC and the angles at B and C are bisected by BO and CO respectively, then
  - $\bigcirc$  OB = BC
- $\bigcirc$  OC = BC
- $\bigcirc$  OB = OC
- Onone of these

# Biology

76.	The meristematic ce	lls s	show					
	A Thin walls	B	Prominent nuclei	©	Absence of vacuo	les	All of these	
77.	Bones are a type of							
	A Cartilage	lacksquare	Ligament	©	Connective tissue	<b>(D)</b>	All of these	
78.	Cells are living or de	ad,	depends upon the	pre	esence of			
	A Nucleus	$^{f B}$	Mitochondria	©	Protoplasm	<b>(D)</b>	All of these	
79.	Which of the followi	ng a	acts as a middle ma	an?				
	<b>(A)</b> WBC	lacksquare	Plasma	©	Blood	<b>(D)</b>	Lymph	
80.	The cytoplasm of mu	ıscl	e fibre is called					
	Neoplasm	lacksquare	Sarcoplasm	©	Glycogen	<b>(D)</b>	Myofibre	
81.	The division in meri	ster	natic cells is					
	Mitotic	lacksquare	Amitotic	©	Meiotic	<b>(D)</b>	All	
82.	Every connective tis	sue	e has					
	Matrix	lacksquare	Cells	©	Both A and B	(D)	Muscle	
Case	ase Based Questions (83–87):							
	Read the given passage and answer the following questions:							
	Permanent tissues arise from meristematic tissues and have specific structural and functional properties. They are made up of either dead or living cells. Permanen						g cells. Permanent	
			es. Vascular tissue			ma	nent ussue.	
83.	Which of the followi			_		_		
	A Parenchyma		Xylem		Phloem		Apical meristem	
84.	Which of the followi	_						
	A Xylem		Phloem		Parenchyma	<b>(D)</b>	Collenchyma	
85.	Which tissue shows		-	_				
	A Parenchyma		Collenchyma		Sclerenchyma	<b>(D)</b>	All	
86.	How many elements		•	_				
	<b>A</b> 1	B		©	3	<b>(D)</b>	4	
87.	Which tissue is foun	_						
	A Parenchyma	B	Collenchyma	©	Sclerenchyma	<b>(D)</b>	All	

Assertion-Reason type Questions (88-90): **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 the Reason is false. D. Assertion is false but Reason is true. **88. Assertion:** Blood is a fluid connective tissue **Reason:** The matrix of blood is a fluid called plasma  $\triangle$  A **(B)** B (**D**) **89. Assertion:** Neurons look like wires **Reason:** Neurons help in faster conduction of impulse © C **(B)** B (D) D  $\triangle$  A **90. Assertion:** Connective tissue forms the lining of all organs Reason: Lymph is a fluid connective tissue **B** B  $\triangle$  A  $\bigcirc$  C (D) D 91. Prokaryotic cells generally show (A) Amitosis Mitosis © Meiosis They do not divide **92.** The mother cell undergoing meiosis is A Haploid B Diploid © Triploid Tetraploid **93.** Choose the odd one out — A Plasma ® RBC © WBC Bone 94. Which organelle imparts colour to flowers and fruits? A Chromoplast

(B) Ribosome

© Chloroplast

Mitochondria

95. Which of the following is not a component of xylem?

(A) Tracheids

(B) Vessels

© Fibres

© Companion cells

### Case Based Questions (96-98):

Read the given passage and answer the following questions:

The epithelial tissue is the protective tissue of the animal body. It is of various types sometimes occuring in a single layer and sometimes in several layers. All epithelial cells lie on a delicate non-cellular membrane. The cells may sometimes have hair-like cilia on the top.

96.	The non-cellular membrane lying under the epithelial cells is called –					
	A Lumen		<b>B</b> Basement member	rane		
	© Areolar cells		Lymph			
97.	The alveolar wall is r	nade up of	_ epithelium.			
	A Squamous	B Cuboidal	© Columnar	Glandular		
98.	The inner lining of k	idney tubules is made	up ofepithe	elium		
	Squamous	Cuboidal	© Columnar	D Both A and B		
Asse	rtion-Reason type Q	uestions (99–100):				
Dire	<b>ctions:</b> Read the follo	wing questions and ch	oose any one of the fo	llowing four responses		
	A. Both Assertion a Assertion.	nd Reason are true a	nd Reason is the cor	rect explanation of the		
	B. Both Assertion and Reason are true but Reason is not the correct explanation of the Assertion.					
	C. Assertion is true l	out the Reason is false				
	D. Assertion is false	but Reason is true.				
99.	<b>Assertion:</b> Chlorence	chyma is a type of colle	enchyma.			
	Reason: Chlorenchy	ma helps in photosyn	thesis.			
	<b>(A)</b> A	<b>B</b> B	© C	<b>D</b> D		
100.	<b>Assertion:</b> Smooth	muscle fibres are spin	dle shaped.			
	Reason: Smooth mu	iscles are involuntary.	VDIA			
	A A	<b>B</b> B	© C	<b>D</b> D		

## **Space For Rough Works**



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