Parishram

AIMPIAD 2026

REWARD TEST

SAMPLE TEST PAPER

CLASS X to XI moving

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SYLLABUS & PATTERN

CLASS 11
moving

PHYSICS

- Motion
- Force
- Gravitation
- Sound
- Work Power and Energy
- Reflection of light
- Refraction of light
- Human Eye
- Electric Current

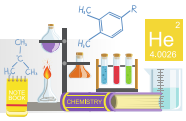
BIOLOGY

- Diversity in living organism
- Why do we fall ill
- Nutrition
- Excretion
- Respiration
- Transportation in Animal and Plants
- Control and Coordination in Plants and Animals
- Tissue
- How do organisms reproduce

MATHS

- Polynomial (std-IX)
- Circles (std-IX)
- Heron's Formula
- Lines, Angles, Triangles-Congruency & similarity of triangles and Quadrilaterals
- Number System
- Co-ordinate Geometry
- Polynomial (std-X)
- Trigonometry
- Linear Equation in Two Variables
- Probability
- Comparing Quantities
- Arithmetic Progression
- Quadratic Equation

CHEMISTRY



- Atomic Structure
- Atoms and Molecules
- Acid Bases, Salts
- Chemical Reaction
- Metals and Non-Metals

IQ

- Blood Relation
- Analogy
- Clock & Calendar
- Coding and Decoding
- Counting Figure
- Cubes and Dice
- Direction Sense
- Embedded Figure
- Mathematical Operation
- Missing Character
- Non-verbal Series
- Number Ranking
- Puzzle Test
- Sitting Arrangement
- Syllogism
- Series

EXAM PATTERN

Pattern of Questions
90 Objective Type Questions
MCQs of 4 choices (Single Correct Answer)

Marking Scheme
+4 for correct answer and -1 for wrong answer (negative marking)

Question Distribution
Physics - 15
Chemistry - 15
Biology - 20
Maths - 20
IQ - 20

Medium
English only

Duration
2 hrs

It is compulsory to take seat in the exam hall atleast 30 min before test.

Parishram

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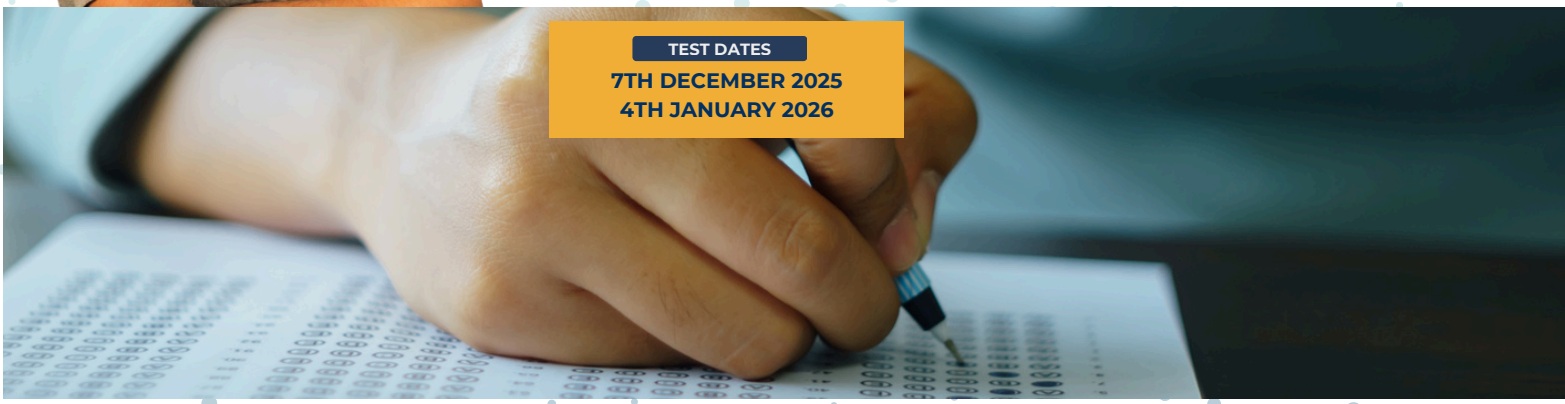

TEST DATES

7TH DECEMBER 2025

4TH JANUARY 2026

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SAMPLE TEST PAPER

AIMPIAD 2026

FOR CLASS X TO XI MOVING STUDENTS

Date : XX-XX-XXXX | **Time : 2 Hrs** | **Max. Marks : 360**

GENERAL INSTRUCTIONS :

1. The Test Booklet (Physics, Chemistry, Biology, Mathematics, IQ) consists of 90 questions.
   - → All questions are compulsory.
   - → Marking Scheme : Four (4) mark for each correct response. Minus One (–1) mark will be awarded for incorrect response and zero mark if no bubble is darkened.
   - → Question paper is divided into five sections –

Section I	:–	Physics	(Question No. 01 to 15 with Max. Marks - 60)
Section II	:–	Chemistry	(Question No. 16 to 30 with Max. Marks - 60)
Section III	:–	Biology	(Question No. 31 to 50 with Max. Marks - 80)
Section IV	:–	Mathematics	(Question No. 51 to 70 with Max. Marks - 80)
Section V	:–	IQ	(Question No. 71 to 90 with Max. Marks - 80)

2. Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets, in any form, is not allowed.
3. Write your Name and Roll No. in the space provided in the bottom of this booklet.
4. Before answering the paper, fill up the required details in the blank space provided in the answer sheet.
5. Do not forget to mention your roll number neatly and clearly in the blank space provided in the answer sheet.
6. No rough sheets will be provided by the invigilators. All the rough work is to be done in the blank space provided in the question paper.
7. In case of any dispute, the answer filled in the OMR sheet available with the institute shall be final.

Name : _____ Roll No. _____

DO NOT BREAK THE SEALS WITHOUT BEING INSTRUCTED TO DO SO BY THE INVIGILATOR

SECTION - 1

Straight Objective Type

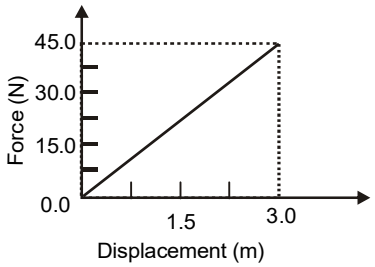
This section contains 90 multiple choice questions. Each question has choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

PHYSICS

1. Ananya is travelling to visit her grandmother. First, she travels at an average speed of 12 km/h for 10 km. Then she travels at 8.0 km/h for another 1.25 h. Calculate her average speed for the entire trip to her grandma's house.

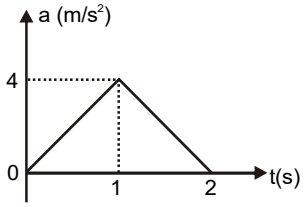
(A) 3.2 km/h (B) 4.4 km/h (C) 9.6 km/h (D) 19.2 km/h

2. The graph shows the force and displacement of an object that is being pushed. How much power would be developed if the work were done in 2.5 sec. ?



(A) 3.0 W (B) 6.0 W (C) 27 W (D) 54 W

3. The acceleration-time graph of a particle moving in a straight line is as shown in figure. The velocity of the particle at time t = 0 is 2 m/s. The velocity after 2 seconds will be



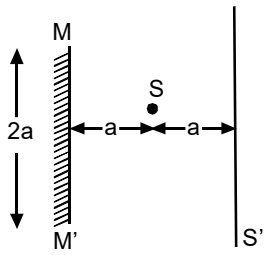
(A) 6 m/s (B) 4 m/s (C) 2 m/s (D) 8 m/s

4. A ray of light is incident on a plane mirror at an angle of incidence of 30°. The deviation produced by the mirror is-

(A) 30° (B) 60° (C) 90° (D) 120°

Rough Space

5. Fig. shows a plane mirror of length 2a kept parallel to a screen S′, at a distance of 2a from it with a small light source S in between. The length on the screen receiving the reflected light is –

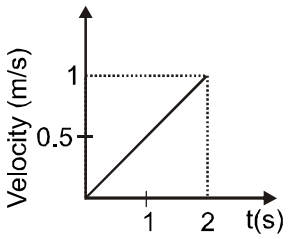


(A) zero (B) 2a (C) 4a (D) 6a

6. A body starts performing uniform circular motion such that it covers 100 rounds per min. Then the minimum time after which its average velocity will be zero is

(A) 0.5 s (B) 0.6 s (C) 0.7 s (D) 0.8 s

7. For a body of 50 kg mass, the velocity-time graph is shown in figure. Then force acting on the body is



(A) 25 N (B) 50 N (C) 12.5 N (D) 100 N

8. An object A of mass 2 kg is moving with a velocity of 3 m/s and collides head-on with an object B of mass 1 kg moving in opposite direction with a velocity of 4 m/s. After collision, both objects coalesce so that they move with a common velocity equal to

(A) 3/2 m/s (B) 2 m/s (C) 10/3 m/s (D) 2/3 m/s

9. A wooden box kept on a rough horizontal surface is pushed by Jai and Samarth from the same side in such a way that the force applied by Samarth is twice that applied by Jai. The frictional force acting between the surface of the box and the ground is one-tenth of the total force applied by Jai and Samarth. As a result, the box experiences a net unbalanced force of 27 N. What is the force applied by Samarth?

(A) 15 N (B) 20 N (C) 27 N (D) 10 N

10. A ball of mass 0.1 kg is dropped from a height of 10 m at a place where g = 10 ms^{-2}. On striking the ground, it loses 30% of its energy. Then the height to which it will rise after bouncing from ground is (Neglect air friction)

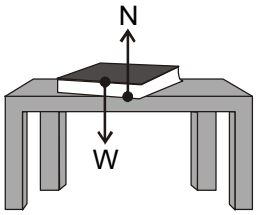
(A) 3 m (B) 6 m (C) 7 m (D) 10 m

Rough Space

11. A ray of light travelling in air is incident on the surface of a transparent material of refractive index $\sqrt{3}$. If the angle of refraction is 30°, calculate the angle of incidence.

(A) 30^o (B) 60^o (C) 75^o (D) 90^o

12. A book is lying on the surface of table as shown in the figure. Choose the correct statement.

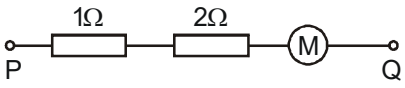


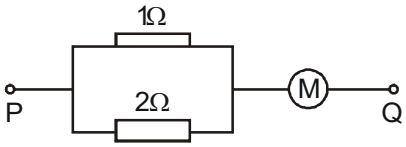
W = weight of book & N = Normal reaction of table on book

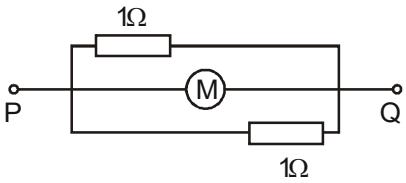
(A) W and N are action-reaction pair (B) W and N are not action-reaction pair

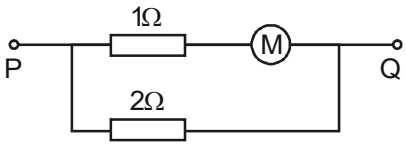
(C) W and N may or may not be action-reaction pair (D) W and N are of unequal magnitudes

13. In which of the following arrangement of resistors does the meter M, which has a resistance of 2 Ω, gives the largest reading when the same potential difference is applied between points P and Q ?

(A) 

(B) 

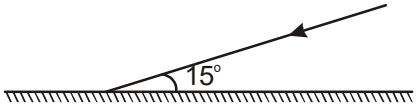
(C) 

(D) 

14. A convex mirror of focal length f (in air) is immersed in a liquid $\left(\mu = \frac{4}{3}\right)$. The focal length of the mirror in liquid will be :

(A) $\left(\frac{3}{4}\right)$f (B) $\left(\frac{4}{3}\right)$f (C) f (D) $\left(\frac{7}{3}\right)$f

15. When a ray of light strikes a plane mirror at an angle of 15^o with the mirror. What will be the angle of reflection?



(A) 15^o (B) 30^o (C) 75^o (D) None of these

Rough Space

CHEMISTRY

16. Strongest bond is in between

(A) CsF (B) NaCl (C) Both (A) and (B) (D) None of the above

17. When sodium bisulphite reacts with hydrochloric acid, the products formed are :

(A) NaCl, H_2O and SO_2 (B) Na_2SO_4 and NaCl

(C) NaCl and H_2S (D) No reaction takes place

18. When ferric chloride reacts with aq. NaOH, a ..... coloured ppt is formed, whose chemical formula is :.....

(A) Brown, $Fe(OH)_2$ (B) Green, $Fe(OH)_2$ (C) Green, $Fe(OH)_3$ (D) Brown, $Fe(OH)_3$

19. 8 gm NaOH is dissolved in one litre of solution, it's molarity is

(atomic mass of Na = 23, O = 16, H = 1)

(A) 0.8 M (B) 0.4 M (C) 0.2 M (D) 0.1 M

20. The process in which a hydrated salt loses its water of crystallisation to the air is called :

(A) Vaporisation (B) Deliquescence (C) Efflorescence (D) Sublimation

21. Which of the following statements is **INCORRECT** ?

(A) The conjugate base of $H_2PO_4^-$ is HPO_4^{2-}.

(B) The pH of 1 M HCl is 0.

(C) H_3PO_3 is a tribasic acid.

(D) The concentration of H^+ ions in pure water is 10^{-7} mol L^{-1} at 298 K.

22. Which of the following has arranged in order of increasing oxidation numbers of nitrogen?

(A) $NH_3 < N_2O_5 < NO < N_2$ (B) $NO_2^+ < NO_3^- < NO_2^- < N_3^-$

(C) $NH_4^+ < N_2H_4 < NH_2OH < N_2O$ (D) $NO_2 < NaN_3 < NH_4^+ < N_2O$

23. For a reaction A + 2 B $\rightarrow$ C, the amount of C formed by starting the reaction with 5 moles of A and 8 moles of B is

(A) 5 moles (B) 8 moles (C) 16 moles (D) 4 moles

Rough Space

24. How many moles of ferric alum $(NH_4)_2SO_4 \cdot Fe_2(SO_4)_3 \cdot 24H_2O$ can be made from the sample of Fe containing 0.0056 g of it ? [Atomic mass of Fe = 56 u]

(A) 10^{-4} mol (B) 0.5×10^{-4} mol (C) 0.33×10^{-4} mol (D) 2×10^{-4} mol

25. Bleaching powder has several uses, some of which are mentioned here. Pick the false one ?

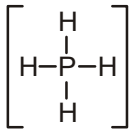
(A) For decolourising sugar (B) For bleaching paper pulp

(C) For sterilizing water (D) For making chloroform

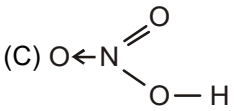
26. A 10^{-6} M HCl solution is diluted to 100 times. The pH of the diluted solution would be

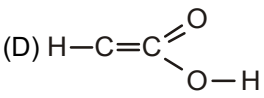
(A) between 6 to 7 (B) between 7 to 8 (C) equal to 7 (D) equal to 10

27. Which one of the following formulae does not correctly represent the bonding capacities of the two atoms involved?

(A) 

(B) 

(C) 

(D) 

28. 5.85 g of NaCl was treated with concentrated H_2SO_4 and the gas evolved was passed into a solution of silver nitrate. The white precipitate obtained was filtered, dried and weighed. Assuming complete reaction, how many grams of precipitate was obtained ? [Atomic mass of Ag = 108 u, Na = 23 u & Cl = 35.5 u]

(A) 10.8g (B) 14.35g (C) 35.5g (D) 3.65g

29. Identify true and false statement ?

(1) The relationship between pH and hydrogen ion concentration is inverse one.

(2) By the dilution of an acidic solution concentration of H^+ ion increases continuously

(3) pH of aqueous solution of basic salt is greater than 7.

(A) TFT (B) TFF (C) FFT (D) TTF

30. Arrange the following compounds in increasing order of pH values.

i. Human blood ii. 1 M HCl iii. 1 M NaOH

iv. Lemon juice v. Soft drinks

(A) ii< iv < v < i < iii (B) iii < i < v < iv < ii (C) ii < v < iv < i < iii (D) ii < i < v < iv < iii

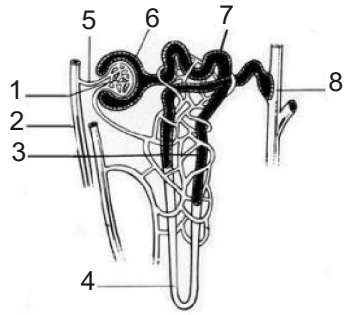
Rough Space

BIOLOGY

31. Which of the following options correctly identifies the organism shown in the figure and division it belongs to?

(A) *Spirogyra* = Thallophyta
(B) *Funaria* = Bryophyta
(C) *Sphagnum* = Bryophyta
(D) *Selaginella* = Pteridophyta

32. Refer to the following diagram and match the column with respect to functions of the various parts.



S. No.	Part	S. No.	Function
i	1	A	Ultrafiltration
ii	2	B	Absorption of water and NaCl
iii	3	C	Brings impure and oxygenated blood
iv	4	D	Collection of urine
v	5	E	Increase surface area for filtration
vi	6	F	Nutrient reabsorption
vii	7	G	pass filtrate to loop of Henle
viii	8	H	act as afferent vessel

(A) i – E, ii – C, iii – G, iv – B, v – A, vi – F, vii – H, viii – D
(B) i – E, ii – C, iii – G, iv – B, v – H, vi – A, vii – F, viii – D
(C) i – E, ii – C, iii – G, iv – B, v – A, vi – H, vii – F, viii – D
(D) i – E, ii – G, iii – C, iv – B, v – A, vi – F, vii – H, viii – D

Rough Space

33. Totally submerged aquatic plants can cause a pH change in the surrounding water when they carry out photosynthesis. What pH change happens and what causes it ?

(A) The pH falls because carbon dioxide is absorbed.

(B) The pH rises because carbon dioxide is absorbed.

(C) The pH falls because oxygen is released.

(D) The pH rises because oxygen is released.

34. During inspiration, how is alveolar pressure as compared to atmospheric pressure?

(A) Alveolar pressure is greater than atmospheric pressure.

(B) Alveolar pressure is less than at atmospheric pressure.

(C) Alveolar pressure is the same as atmospheric pressure.

(D) Alveolar pressure is one of the few pressures where the reference pressure is not atmospheric.

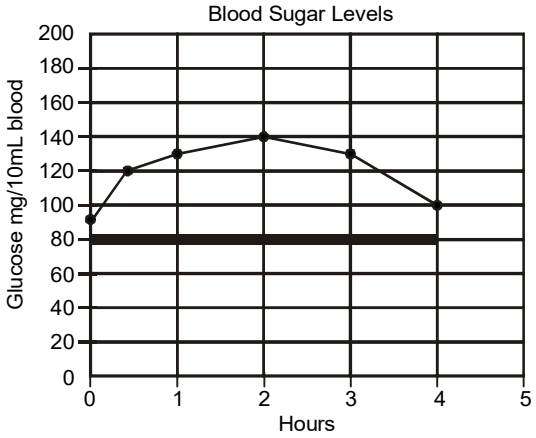
35. Which of the following is correct about vertebrates ?

(a) Dorsal nerve cord (b) Heamoglobin dissolved in plasma

(c) Dorsal heart (d) Three or more pairs of limbs

(A) a only (B) a, b and c (C) b and d (D) a and c

36. An hour after Priya ate breakfast, her body began to break down the food into glucose, fatty acids, and amino acid. These nutrients were then absorbed into her bloodstream. The graph below shows a normal, gradual rise in blood sugar after a meal and then a gradual return to a concentration of about 100 milligrams (mg) of glucose per 100 mL of blood. If by five hours after eating. Priya's blood sugar has not returned to normal, what might be the problem ?



(A) Priya's liver might not be producing enough glycogen.

(B) Priya's gall bladder might not be producing enough bile

(C) Priya's pancreas might not be producing enough insulin.

(D) Priya's stomach might not be producing enough hydrochloric acid.

Rough Space

37. The excretory organ of Pila is

(A) Organ of Bojanus (B) Flame cells (C) Nephron (D) Malpighian tubules

38. CFCs cause

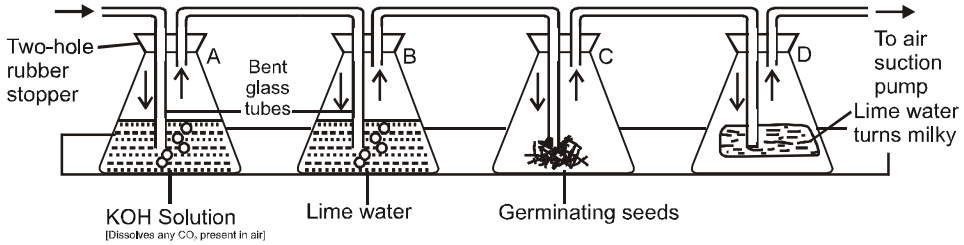
(A) depletion of ozone layer (B) depletion of CO_2

(C) acid rain (D) carbon monoxide poisoning

39. The kidneys function of filter the blood to produce urine for excretion. This process occurs in millions of tiny structures called nephron within the kidney. The substance exiting the blood and entering the nephron is called filtrate (F). This filtrate is modified by the nephron via two mechanisms; secretion (S) of substance into and reabsorption (R) of substance out of the filtrate. The final product is excreted (E). Which equation correctly summarises this process ?

(A) F – (R x S) = E (B) F – (R + S) = E (C) F + R + S = E (D) F – R + S = E

40. Study the figure below and selet the gas which is the cause for the change that occurs in flask D



(A) Carbon monooxide (B) Carbon dioxide (C) Oxygen (D) Hydrogen peroxide

41. The diploid sporophyte is represented by a dominant, independent, photosynthetic, vascular plant body. It alternates with multicellular, autotrophic, independent but short-lived haploid gametophyte.

This type of pattern is exhibited by :

(A) Bryophytes (Sphagnum, Polytrichum)

(B) Pteridophytes (Selaginella, Lycopodium)

(C) Most of the algal genera (Fucus, Chara, Polysiphonia)

(D) Seed plants (Gymnosperms and Angiosperms)

42. Which is the most correct statement ?

(A) Most of the water that filters into Bowman's capsule is reabsorbed

(B) One-half of the water that filters into Bowman's capsule is reabsorbed

(C) One-half of the glucose that filters into Bowman's capsule is reabsorbed

(D) None of the salts that are filtered in Bowman's capsule are reabsorbed

Rough Space

43. Four leaves of a mesophytic plant were used in an experiment to investigate water loss. Each leaf was treated as follows:

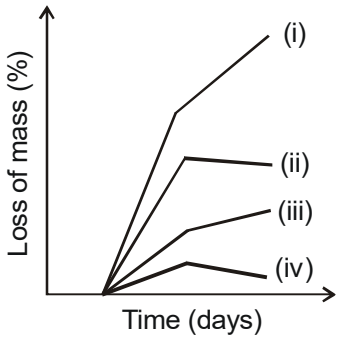
Leaf 1 : the upper surface was smeared with vaseline

Leaf 2 : the lower surface was smeared with vaseline

Leaf 3 : both sufaces were smeared with vaseline

Leaf 4 : no vaseline was applied

The percentage of the mass that was lost over a period of time was calculated and plotted on the graph. Leaf number 2 is represented by graph



(A) (i) (B) (ii) (C) (iii) (D) (iv)

44. Choose the shematic diagram which properly represents pulmonary circulation in humans.

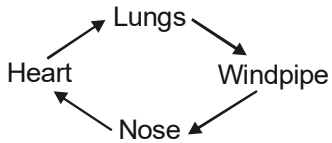
(A) Right ventricle $\xrightarrow[\text{blood}]{\text{Deoxygenated}}$ Lungs $\xrightarrow[\text{blood}]{\text{Oxygenated}}$ Left atrium

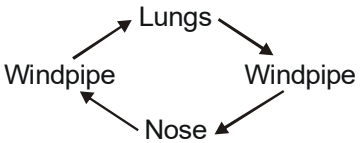
(B) Right ventricle $\xrightarrow[\text{blood}]{\text{Oxygenated}}$ Lungs $\xrightarrow[\text{blood}]{\text{Deoxygenated}}$ Left atrium

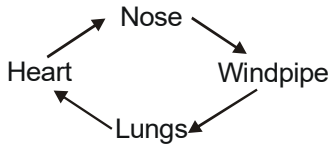
(C) Left atrium $\xrightarrow[\text{blood}]{\text{Oxygenated}}$ Lungs $\xrightarrow[\text{blood}]{\text{Deoxygenated}}$ Right ventricle

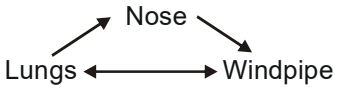
(D) Left atrium $\xrightarrow[\text{blood}]{\text{Deoxygenated}}$ Lungs $\xrightarrow[\text{blood}]{\text{Oxygenated}}$ Right ventricle

45. Which of the following diagrams shows the flow of air in our body ?

(A) 

(B) 

(C) 

(D) 

Rough Space

46. Match the colums :

	Column - I		**Column - II**
(a)	Diffusion	(i)	Hydrophilic substances
(b)	Osmosis	(ii)	Shrinkage of protoplasm
(c)	Imbibition	(iii)	Semipermeable membrane
(d)	Plasmolysis	(iv)	Free movement of ions and gases

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

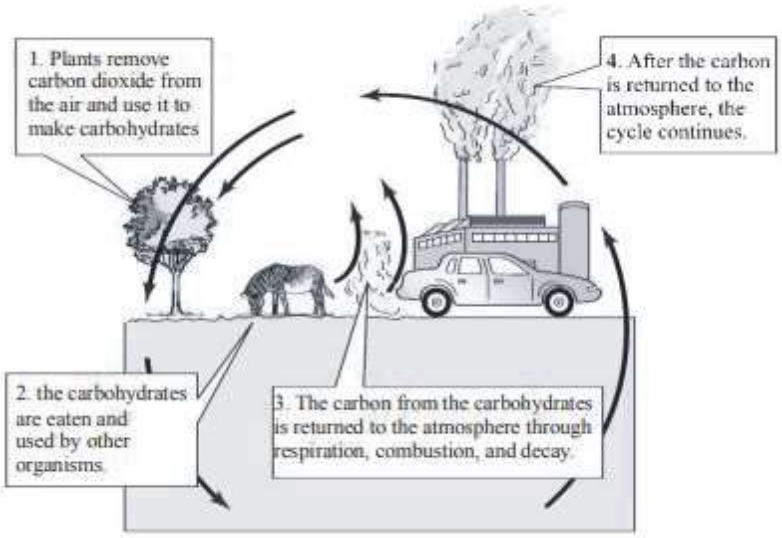
47. Match the following column - A with column - B

	Column A		**Column B**
(a)		(i)	Vein
(b)		(ii)	Erythrocytes
(c)		(iii)	Artery
(d)		(iv)	Leucocytes

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

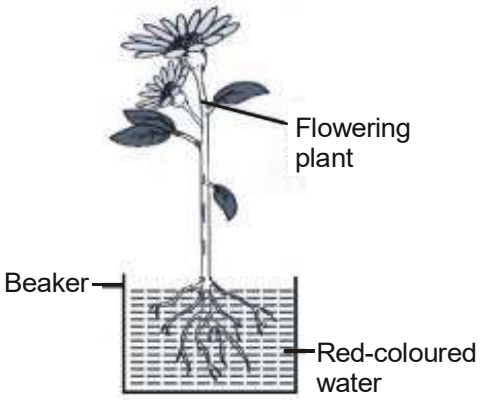
Rough Space

48. The diagram below shows the basic steps of the carbon cycle. At which step, light energy converted into chemical energy?



(A) Step 1 (B) Step 2 (C) Step 3 (D) Step 4

49. Jacklyn placed a plant with white flowers into a beaker of red-coloured water.



A few hours later, she observed that the flowers and leaves of the plant had turned slightly red.When she cut the stem of the plant, she found that some tubes within it were red. What does this experiment show?

(A) Water is transported to the flower only.

(B) The plant is a living thing and therefore needs water to live.

(C) The plant is growing so the leaves and flowers change colours.

(D) Water is carried from the roots to all parts of the plant through the stem.

Rough Space

50. Match the Column I with Column II and choose the correct option.

	Column I		**Column II**
a	PCT	(I)	U shaped portion of tubule
b	DCT	(II)	Filtration of blood
c	Loop of Henle	(III)	Reabsorption of 70-80% glomerular filtrate
d	Counter-current mechanism	(IV)	Ionic balance
e	Renal corpuscle	(V)	Maintenance of concentration gradient in medulla

	a	b	c	d	e
(A)	III	IV	I	V	II
(B)	III	V	IV	II	I
(C)	I	III	II	V	IV
(D)	III	I	IV	V	II

MATHEMATICS

51. Which of the following is a zero of the cubic polynomial $f(x) = x^3 - 3x + 2$?

(A) 2 (B) – 1 (C) 0 (D) –2

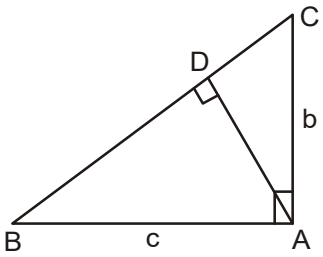
52. A book seller purchased 117 books out of which 45 books are of mathematics and the remaining 72 books are of physics. Each book has the same size. Mathematics and physics books are to be packed in separate bundles and each bundle must contain the same number of books. Find the least number of bundles which can be made of these 117 books.

(A) 8 (B) 11 (C) 13 (D) 9

53. What is the sum of first 'n' odd numbers starting from 11?

(A) $n^2 + 10n$ (B) $n^2 - 10n$ (C) $10n - n^2$ (D) n^2

54. In the given figure, ΔABC is right angled at A.



What is the length of AD in terms of 'b' and 'c'?

(A) $\frac{b+c}{\sqrt{b^2+c^2}}$ (B) $\frac{bc}{\sqrt{b^2+c^2}}$ (C) $\frac{bc}{\sqrt{b^2-c^2}}$ (D) $\frac{bc}{\sqrt{c^2-b^2}}$

Rough Space

55. If A = (–3, 4) and B = (2, 1), what are the coordinates of the point C on AB producd such that AC = 2BC?

(A) (2, 4) (B) (3, 7) (C) (7, –2) (D) (3, –2)

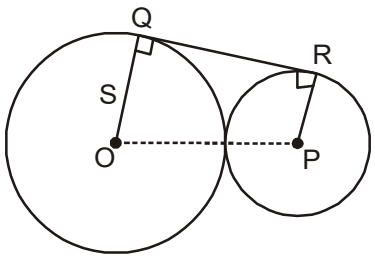
56. Find the number of solutions of the equations $x + \frac{1}{y} = 2$ and 2xy – 3y = – 2.

(A) 0 (B) 1 (C) 2 (D) Infinitely many

57. If $\frac{\sin\theta + \cos\theta}{\sin\theta - \cos\theta} = \frac{\sqrt{3}+1}{\sqrt{3}-1}$, find the acute angle θ.

(A) 90^o (B) 45^o (C) 30^o (D) 60^o

58. The circles with centres O and P, and radii 8 cm and 4 cm touch each other externally. Find the length of their common tangent QR.



(A) 8 cm (B) 7 cm (C) $8\sqrt{2}$ cm (D) $7\sqrt{3}$ cm

59. The remainder when x^{1999} is divided by $x^2 - 1$ is

(A) – x (B) 3x (C) x (D) None of these

60. The G.C.D. of two polynomials is (x – 1) and their L.C.M is $x^6 - 1$. If one of the polynomials is $x^3 - 1$, then the other polynomial is _____ .

(A) $x^3 - 1$ (B) $x^4 - x^3 + x - 1$ (C) $x^2 - x + 1$ (D) None of these

61. If $x = \frac{1}{2-\sqrt{3}}$, the value of $x^3 - 2x^2 - 7x + 10$ is equal to:

(A) $2+\sqrt{3}$ (B) 10 (C) $7+2\sqrt{3}$ (D) 8

62. $2(\sin^6\theta + \cos^6\theta) - 3(\sin^4\theta + \cos^4\theta)$ is equal to

(A) 0 (B) 1 (C) –1 (D) 2

63. If $x \cot 30^o . \sin 60^o = \cos^2 30^o . \sin 30^o$ then the value of $\sqrt{x}$ is

(A) $\frac{1}{2}$ (B) $\frac{1}{4}$ (C) 1 (D) $\frac{\sqrt{3}}{2}$

64. If $9^{x+2} - 240 = 9^x$, then the value of $(8x)^x$ is :

(A) 2 (B) 1/2 (C) 4 (D) 3

Rough Space

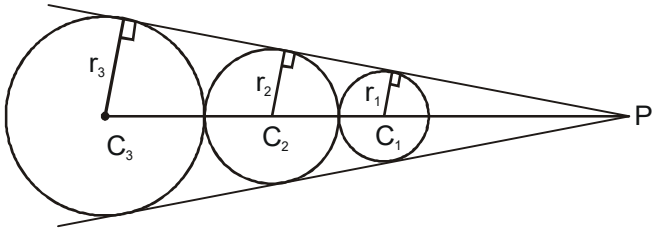
65. P, Q and R are on AB, BC and AC of the equilateral triangle ABC respectively.
AP : PB = CQ : QB = 1: 2. G is the centroid of the triangle PQB and R is the mid point of AC. Find BG : GR

(A) 1 : 2 (B) 2 : 3 (C) 3 : 4 (D) 4 : 5

66. If a, b and c are roots of $x^3 - 6x^2 + 11x - 6 = 0$ and the roots of the equation $x^3 - px^2 + qx - r = 0$ are a + b, b + c and c + a, then r equals

(A) 40 (B) 50 (C) 60 (D) 70

67. Three Circles with centres C_1, C_2, C_3 and radii r_1, r_2, r_3 where $r_1 < r_2 < r_3$ are placed as shown in the figure.



Then r_2 = ____

(A) $\sqrt{r_3 - r_1}$ (B) $\sqrt{r_3 + r_1}$ (C) $\sqrt{r_3 r_1}$ (D) $\sqrt{r_3^2 - r_1^2}$

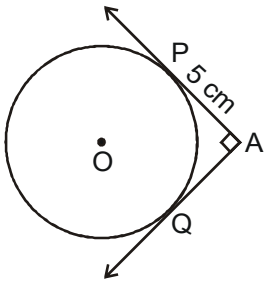
68. Value of x, y which satisfies $\sqrt{2}x - \sqrt{3}y = 0$ and $\sqrt{3}x - \sqrt{8}y = 0$ are

(A) x = –1, y = 2 (B) x = 0, y = 0 (C) x = 1, y = 2 (D) x = 1, y = –2

69. A bag contains 5 red balls, 8 white balls, 4 green balls and 7 black balls. If one ball is drawn at random, find the probaility that it is green

(A) $\frac{1}{6}$ (B) $\frac{13}{24}$ (C) $\frac{11}{24}$ (D) $\frac{5}{6}$

70. In the adjoining figure, the pair of tangents AP and AQ are drawn from an external point A to a circle with centre O are perpendicular to each other. If the length of tangent AP is 5 cm, then the radius of the circle is



(A) 10 cm (B) 7.5 cm (C) 5 cm (D) 2.5 cm

Rough Space

MENTAL ABILITY

Direction :- Find the Missing number

71.

4	20	25
27	81	9
11	44	?

(A) 1 (B) 16 (C) 30 (D) 55

72. What will be the measurement of the angle made by the hands of a clock when the time is 08 : 35 ?

(A) 32.4° (B) 37.5° (C) 45° (D) 47.5°

73. In a certain code language the word ATMOSPHERE is written as BSLPROGFQF. How will the word NEIGHBOURS be written in that language?

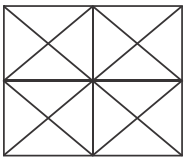
(A) MFJHGAPVQR (B) MFJFGAPVQR (C) ODJFIAPTSR (D) ODJEIAPTSR

74. Ganga : Bay of Bengal : :

(A) Periyar : Arbain Sea (B) Godavri : Arbian Sea

(C) Mandovi : Bay of Bengal (D) Krishna : Arbian Sea

75. How many triangles are there in the given figure?



(A) 40 (B) 16 (C) 18 (D) 25

76. A monkey climbs 30 feets at the beginning of each hour and rests for while when he slips back 20 feet before he again starts climbing in the beginning of the next hour. If he begins his ascent at 8:00 a.m., at what time will he first touch a flag at 120 feet from the ground ?

(A) 4 P.M. (B) 5 P.M. (C) 6 P.M. (D) None of these

77. Five students are standing in a circle. Abhinav is between Alok and Ankur. Apurva is on the left of Abhishek. Alok is on the left of Apurva. Who is sitting next to Abhinav on his right?

(A) Apurva (B) Ankur (C) Abhishek (D) Alok

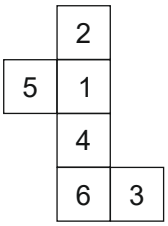
78. In a class of 42 students, Mahesh's rank is 16^{th} from the bottom. What is his rank from the top?

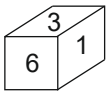
(A) 25^{th} (B) 26^{th} (C) 24^{th} (D) 27^{th}

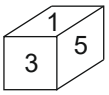
Rough Space

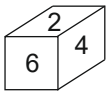
79. Choose from the alternatives, the boxes that will be formed when figure (X) is folded.

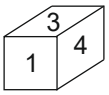
(X)



(A) 

(B) 

(C) 

(D) 

80. In this questions, two statements followed by two conclusions, I and II are given. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts, mark the answer

Statements : Some players are dancers

All dancers are tall

Conclusions : I. Some players are tall.

II. All players are tall.

(A) If only I follows

(B) If only II follows

(C) If both I and II follow

(D) If neither I nor Ii follows

81. Raghu and Babu are twins. Babu's sister is Reema. Reema's husband is Rajan. Raghu's mother is Lakshmi. Lakshmi's husband is Rajesh. How is Rajesh related to Rajan?

(A) Uncle (B) Son-in-law (C) Father-in-law (D) Cousin

82. At what time between 4 and 5 O'clock, will the hands of a watch point in opposite directions?

(A) 45 min past 4 (B) 40 min past 4 (C) $50\frac{4}{11}$ min past 4 (D) $54\frac{6}{11}$ min past 4

83. A cube is coloured red on all of its faces. It is then cut into 64 smaller cubes of equal size. The smaller cubes, so obtained are now separated.

How many smaller cubes have two surfaces painted with red colour

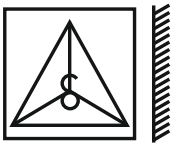
(A) 16 (B) 24 (C) 32 (D) 8

84. It is observed that January 1, 2023 is a Sunday. In which year again the January 1st will fall on a Sunday?

(A) 2029 (B) 2030 (C) 2034 (D) 2037

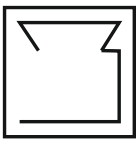
Rough Space

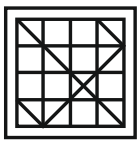
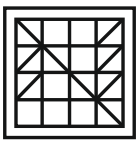
85. What is the mirror image of the following figure?



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

86. Choose the alternative figure in which the problem figure (X) is embedded.

(X) 

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

87. I have gone for morning walk in the garden. I was standing at a place and want to see sun. For this first I turn 90° anticlock. Unable to see he sun, I turn 270° clockwise. Now I can see he sun. In which direction, I was standing in beginning before watching sun.

(A) North-West (B) North (C) South-East (D) West

88. If × stands for 'addition', ÷ stands for 'subtraction', + stands for 'multiplication and – stands for 'division', then 20 × 8 ÷ 8 – 4 + 2 = ?

(A) 80 (B) 25 (C) 24 (D) 5

89. Find the number at the place of ?.

5, 11, 23, 47, 95, ?

(A) 198 (B) 194 (C) 191 (D) 185

90. 1. Tom, Dick and Harry are intelligent. 2. Tom, Browin and Jack are hard working.

3. Brown, Harry and Jack are honest. 4. Tom, Dick and Jack are ambitious.

Which of the following person is neither hard working not ambitious?

(A) Tom (B) Dick (C) Harry (D) Jack

Rough Space

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AIMPIAD-2026

SAMPLE TEST PAPER

FOR CLASS X TO XI MOVING STUDENTS

AIMPIAD 2026

ANSWER KEY

PHYSICS

1.	(C)	**2.**	(C)	**3.**	(A)	**4.**	(D)	**5.**	(D)	**6.**	(B)	**7.**	(A)
8.	(D)	**9.**	(B)	**10.**	(C)	**11.**	(B)	**12.**	(B)	**13.**	(C)	**14.**	(C)
15.	(C)												

CHEMISTRY

16.	(A)	**17.**	(A)	**18.**	(D)	**19.**	(C)	**20.**	(C)	**21.**	(C)	**22.**	(C)
23.	(D)	**24.**	(B)	**25.**	(A)	**26.**	(A)	**27.**	(D)	**28.**	(B)	**29.**	(A)
30.	(A)												

BIOLOGY

31.	(A)	**32.**	(B)	**33.**	(B)	**34.**	(B)	**35.**	(A)	**36.**	(C)	**37.**	(A)
38.	(A)	**39.**	(D)	**40.**	(B)	**41.**	(B)	**42.**	(A)	**43.**	(C)	**44.**	(A)
45.	(B)	**46.**	(D)	**47.**	(B)	**48.**	(A)	**49.**	(D)	**50.**	(A)		

MATHEMATICS

51.	(D)	**52.**	(D)	**53.**	(A)	**54.**	(B)	**55.**	(C)	**56.**	(A)	**57.**	(D)
58.	(C)	**59.**	(C)	**60.**	(B)	**61.**	(D)	**62.**	(C)	**63.**	(A)	**64.**	(A)
65.	(D)	**66.**	(C)	**67.**	(C)	**68.**	(B)	**69.**	(A)	**70.**	(C)		

MENTAL ABILITY

71.	(B)	**72.**	(D)	**73.**	(B)	**74.**	(A)	**75.**	(A)	**76.**	(C)	**77.**	(D)
78.	(D)	**79.**	(D)	**80.**	(A)	**81.**	(C)	**82.**	(D)	**83.**	(B)	**84.**	(C)
85.	(A)	**86.**	(B)	**87.**	(D)	**88.**	(C)	**89.**	(C)	**90.**	(C)		

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