Dhruva Foundation Classes
MEDICAL / IIT - JEE / FOUNDATION

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CLASS 9

SET-A

DISO

DHRUVA INTER SCHOOL OLYMPIAD 2025-26

Date : 30th November 2025

Total Questions : 100 | Time : 2 Hrs.

Guidelines for the Candidate

1. You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
2. Write your **Name, School Name, Class and Roll Number** clearly on the **OMR Sheet** and do not forget to sign it. We will share your marks/result and other information related to DISO exams on your mobile number.
3. The Question Paper comprises five sections:

   Logical Reasoning (20 Questions), **English** (20 Questions), **Mathematics** (20 Questions), **Science** (20 Questions) and **Social Science** (20 Questions)
4. All questions are compulsory. There is no negative marking. Use of calculator, electronic gadgets is not permitted.
5. There is only ONE correct answer. Choose only ONE option for an answer.
6. To mark your choice of answers by darkening the circles on the OMR Sheet, **Blue** ball point pen only.
7. Rough work should be done in the blank space provided in the booklet.
8. Return the OMR Sheet to the invigilator at the end of the exam.
9. Please fill in your personal details in the space provided before attempting the paper.

Name:.....

DISO Olympiad Roll No. : ..... Contact No.....

Rough

Logical Reasoning

1. Find the next number in the series

   1, 2, 6, 33, 49, ?

   (A) 74 (B) 124

   (C) 176 (D) 174

2. Use the following series of numbers to determine what should come next.

   50, 40, 45, 42, 40, 44, ?

   (A) 30 (B) 34

   (C) 35 (D) 41

3. In the following question, four pairs of words are given out of which words in four/three pairs bear a certain common relationship. Choose the pair in which the words are differently related.

   (A) Paper : Pencil (B) Head : Cap

   (C) Ink : Inkpot (D) Present : Wrapper

4. Which group of letters is different from others?

   (A) CBAED (B) IJHGK

   (C) SRQPT (D) TVWYX

5. In the following question find out the alternative which will replace the question mark.

   Stimulant : Activity : : ?

   (A) Symptom : Disease

   (B) Food : Hunger

   (C) Fertilizer : Growth

   (D) Diagnosis : Treatment

6. In a row of 31 men, A is 17th from left end and B is 19th from right end. C is sitting exactly in between A and B. Then, what is the rank of C from right end?

   (A) 17 (B) 18 (C) 19 (D) 20

7. Sunita ranked 11th from the top and 27th from the bottom in a class. How may student are in the class?

   (A) 38 (B) 28

   (C) 40 (D) 37

8. A is shorter than B but much taller than E. C is the tallest and D is a little shorter than A. Who is the shortest?

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

9. Arrange the following words as per order in the dictionary.

   1. Noble 2. Nobilitary

   3. Noblesses 4. Nobility

   5. Nobble

   (A) 1, 4, 3, 2, 5 (B) 3, 4, 1, 2.5

   (C) 5, 2, 4, 1, 3 (D) 2, 4, 3, 5, 1

10. If the letters of RUTHLESS are rearranged alphabetically then which letter would be the last letter?

    (A) U (B) T (C) E (D) H

11. If - stands for ÷,+ stands for ×, ÷ stands for - and × stands for +, which of the following equations is correct?

    (A) 40 – 10 + 5 ÷ 4 × 5 =21

    (B) 40 + 10 -4 × 5 ÷ 3 = 80

    (C) 40 + 10 -4 × 5 + 3 = 32

    (D) 8 - 4 × 40 ÷ 2 + 15 = 30

12. A is East of B and West of C, D is South-West of C, and B is South-East of E. When seen from West to East, which of the following sequences are possible?

    I: EBDAC II: DEBAC

    III: EBADC IV: EDBAC

(A) I and II (B) I, III and IV

(C) I, II and III (D) All I, II, III and IV

13. Study the following information carefully and answer the given question:

(I) There are 6 check- posts A, B, C, D,, E and F.

(II) Check – post F is 25 km to the north of D which is 35 km to the north- east of B.

(III) Check – post A is 15 km west of E and 35 km to the south – west of 'C'.

(IV) B, A and E are in straight line.

(V) The check posts B and E are 70 km apart from each other.

(VI) E is the east of B.

Which post is the nearest to the 35 km north – east of E?

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

14. Pointing to a photograph, a lady tells Amit, "I am the only daughter of this lady and her son is your maternal uncle." How is the speaker related to Amit's father?

(A) Sister-in-law

(B) Wife

(C) Either (A) or (B)

(D) Neither (A) nor (B)

15. If

A + B means A is the brother of B;

A – B means A is the sister of B and

A ´ B means A is the father of B.

Which of the following means that C is the son of M?

(A) M – N ´ C + F (B) F – C + N ´ M

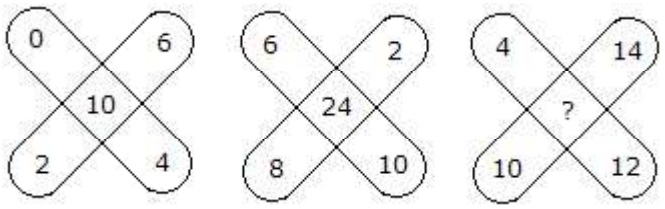
(C) N + M – F ´ C (D) M ´ N – C + F

16. The number of apples in a basket doubles every minute. If the basket is full of apples in an hour, when was the basket half-filled?

(A) 38 minutes (B) 55 minutes

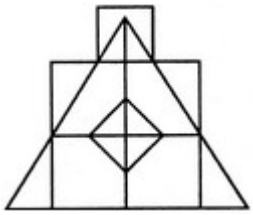
(C) 47 minutes (D) 59 minutes

17. Which one will replace the question mark ?



(A) 36 (B) 48 (C) 38 (D) 30

18. Count the number of triangles and squares in the given figure.



(A) 21 triangles, 7 squares

(B) 18 triangles, 8 squares

(C) 20 triangles, 8 squares

(D) 22 triangles, 7 squares

19. In certain code 'TIGER' is written as 'QDFHS'. How is 'FISH' written in that code?

(A) GERH (B) GRHE

(C) GREH (D) GHRE

20. In some code, letters P, Q, R, S, T represent numbers 4, 5, 10, 12, 15. It is not known which letter represents which number. If Q-S=2S and T=R+S+3, then what is the value of P+R-T?

(A) 1 (B) 2 (C) 3

(D) Cannot be determined due to insufficient data

Read the following passage and answer the questions that follow:

Amidst a period of academic rigor, the researcher's careful investigations uncovered an overlooked aspect of early civilizations. His studies, though scholarly, were often seen as abstruse by general readers. Initially indifferent, the authorities later acknowledged the beneficial effects of his findings on cultural conservation. Despite encountering difficulties in funding and public recognition, he remained steadfast in presenting his ideas. His lecture, marked by transparent explanations, made the challenging topic comprehensible. Skeptics of his work had to recognize the significant contribution he offered to historical insight.

21. Choose the correct code that has the similar meaning to 'rigor':

i. leniency ii. strictness

iii. precision iv. Carelessness

(A) i, ii (B) iii, iv

(C) iii, ii (D) ii, iv

22. Choose the correct code that has the similar meaning to 'abstruse':

i. complex ii. obscure

iii. simple iv. advanced

(A) i, ii (B) iii, iv

(C) i, iii (D) ii, iii

23. Choose the correct code that contains antonyms of 'beneficial':

i. harmful ii. useful

iii. detrimental iv. advantageous

(A) i, iii (B) ii, iv

(C) iii, iv (D) i, ii

Choose the correct option to fill in the blanks :

24. ___ information you gave me is more useful than ___ I found online.

(A) The / that (B) Some / them

(C) Any / those (D) Much / a

25. ____ of my friends could solve the puzzle, yet ___ of them gave it ___ serious thought.

(A) None / neither / any

(B) Few / none / much

(C) a few / few / a

(D) Several / both / some

26. The train was delayed ____ bad weather and arrived _____ time finally.

(A) because / on (B) due to / in

(C) because of / on (D) owing to / in

27. The meeting was postponed ____ next week ____ the absence of the principal and will be held ____ Monday.

(A) on / by / at

(B) for / because / in

(C) to / due to / on

(D) in / owing to / from

28. The firemen managed to _____ the fire before it could _____ to nearby houses.

(A) blow out / run away

(B) put out / spread out

(C) take out / go up

(D) cut out / look after

29. If you don't understand a word, ___ it ____ a dictionary and then _____ it in a sentence.

(A) look / up / use

(B) find / out / put

(C) check / in / make

(D) take / over / write

30. He _____ for the company for ten years before he finally _____ his own business and _____ successful.

(A) had been worked / started / became

(B) worked / had started / become

(C) was working / starts / becomes

(D) had worked / started / became

31. If you ____ harder last month, you _____ the test easily and now _____ celebrating your success.

(A) studied / can pass / are

(B) study / might pass / were

(C) had studied / could have passed / would be

(D) have studied / would pass / had been

32. He _ abroad next year if he _ enough money and his parents ___ permission.

(A) will go / saves / gives

(B) would go / had saved / gave

(C) may go / saves / give

(D) might have gone / saved / have given

33. He _____ have won the prize; he ___ so happy now.

(A) may, seem (B) must, seems

(C) could, seem (D) might, seems

34. Each of the players ____ given a chance to bat, but only those who ____ skilled ____ selected for the final match.

(A) was / were / is

(B) were / was / were

(C) Was / were / were

(D) is / is / were

35. The number of books on the shelf _ increasing, though a large number of them ___ very old.

(A) is / is (B) are / are

(C) is / are (D) were / is

Choose the option with correct transformation

36. It is necessary for you to submit the assignment today.

(A) You might submit the assignment today.

(B) You should submit the assignment today.

(C) You could submit the assignment today.

(D) You must submit the assignment today.

37. The chef had prepared the meal before the guests arrived.

(A) The meal has been prepared by the chef before the guests arrived.

(B) The meal had been prepared by the chef before the guests arrives.

(C) The meal was prepared by the chef before the guests arrived.

(D) The meal had been prepared by the chef before the guests arrived.

38. The thief could have been caught by the police.

(A) The police could catch the thief.

(B) The police can have caught the thief.

(C) The police may have caught the thief.

(D) The police could have caught the thief.

39. Direct: "Have you completed your homework?" asked the teacher.

(A) The teacher asked me if I have completed my homework.

(B) The teacher asked me if I had completed my homework.

(C) The teacher asked me whether I will complete my homework.

(D) The teacher asked whether I have completed my homework.

40. Indirect: He told me that he would meet me at 5 p.m.

(A) He said to me, "I will meet you at 5 p.m."

(B) He said to me, "I would meet you at 5 p.m."

(C) He told me, "I will meet you at 5 p.m."

(D) He said, "I would meet you at 5 p.m."

41. The ascending order of the surds $\sqrt[3]{2},\sqrt[6]{3},\sqrt[9]{4}$ is

(A) $\sqrt[9]{4},\sqrt[6]{3},\sqrt[3]{2}$ (B) $\sqrt[9]{4},\sqrt[3]{2},\sqrt[6]{3}$

(C) $\sqrt[3]{2},\sqrt[6]{3},\sqrt[9]{4}$ (D) $\sqrt[6]{3},\sqrt[9]{4},\sqrt[3]{2}$

42. The slant height of a cone is increased by P%. If radius remains same, the curved surface area is increased by

(A) P % (B) P^2 % (C) 2P % (D) 3P %

43. The value of

$$\sqrt{6+2\sqrt{3}+2\sqrt{2}+2\sqrt{6}}-\frac{1}{\sqrt{5-2\sqrt{6}}} \text{ is}$$

(A) 2 (B) -1

(C) $\sqrt{3}+\sqrt{2}$ (D) 1

44. Following are the steps involved in finding the value of $a^4+\frac{1}{a^4}$, when $a+\frac{1}{a}=1$. Arrange them is sequential order from the first to the last.

(A) $a^2+\frac{1}{a^2}+2=1\Rightarrow a^2+\frac{1}{a^2}=-1$

(B) $(a^2)^2+\left(\frac{1}{a^2}\right)^2+2=1$

(C) $\left(a+\frac{1}{a}\right)^2=1^2$

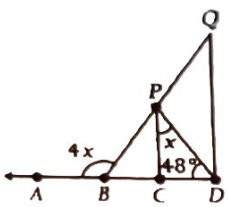
(D) $\left(a^2+\frac{1}{a^2}\right)^2=(-1)^2$

(E) $a^4+\frac{1}{a^4}=-1$

(A) CADBE (B) CDBAE

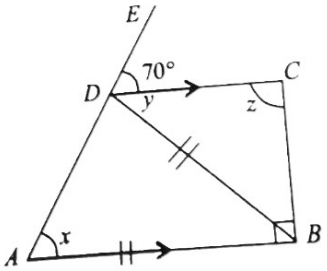
(C) CBADE (D) CEDAB

45. In the given figure, ABCD and BPQ are straight lines. If BP = BC and DQ is parallel to CP. Find $\angle BDQ$.



(A) 48° (B) 45° (C) 90° (D) 96°

46. From the adjoining figure, find x, y and z.



(A) $x=70°, y=40°, z=90°$

(B) $x=70°, y=90°, z=90°$

(C) $x=40°, y=70°, z=90°$

(D) $x=90°, y=40°, z=70°$

47. Find the value of $\frac{(x^{a+b})^2(x^{b+c})^2(x^{c+a})^2}{(x^a x^b x^c)^4}$.

(A) 1 (B) 4 (C) -1 (D) 2

48. Which one of the following is correct?

(A) $\left\{(\sqrt[3]{7}+\sqrt[7]{3})(\sqrt[3]{7}+\sqrt[7]{3}-2)\right\}-24$

$=(\sqrt[3]{7}+\sqrt[7]{3}+4)(\sqrt[3]{7}+\sqrt[7]{3}-6)$

(B) $\left\{(\sqrt[3]{7}+\sqrt[7]{3})(\sqrt[3]{7}+\sqrt[7]{3}+2)\right\}+24$

$=(\sqrt[3]{7}+\sqrt[7]{3}+4)(\sqrt[3]{7}+\sqrt[7]{3}+6)$

(C) $\left\{(\sqrt[3]{7}+\sqrt[7]{3})(\sqrt[3]{7}+\sqrt[7]{3}+2)\right\}-24$

$=(\sqrt[3]{7}+\sqrt[7]{3}-4)(\sqrt[3]{7}+\sqrt[7]{3}-6)$

(D) $\left\{(\sqrt[3]{7}+\sqrt[7]{3})(\sqrt[3]{7}+\sqrt[7]{3}-2)\right\}+24$

$=(\sqrt[3]{7}+\sqrt[7]{3}-4)(\sqrt[3]{7}+\sqrt[7]{3}+6)$

49. If $x=\frac{a-b}{a+b}, y=\frac{b-c}{b+c}, z=\frac{c-a}{c+a}$, then the value of $\frac{(1+x)(1+y)(1+z)}{(1-x)(1-y)(1-z)}$ is _____

(A) abc (B) $a^2b^2c^2$ (C) 1 (D) -1

50. Vikas has Rs $(x^3+2ax+b)$, with this money he can buy exactly $(x-1)$ jeans or $(x+1)$ shirts with no money left. How much money Vikas has, if $x=4$?

(A) Rs 80 (B) Rs 120

(C) Rs 30 (D) Rs 60

51. If $\sqrt{5}=2.236$ and $\sqrt{10}=3.162$, then the value of $\frac{15}{\sqrt{10}+\sqrt{20}+\sqrt{40}-\sqrt{5}-\sqrt{80}}$ is

(A) 5.398 (B) 4.398

(C) 3.398 (D) 6.398

52. P is the point $(-5,3)$ and Q is the point $(-5,m)$. If sum of abscissas and ordinates of both points is equal, then the possible value of m is

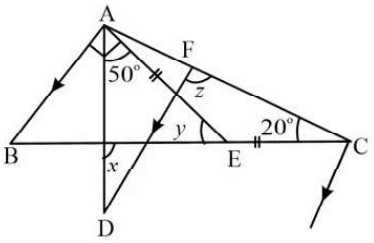
(A) -5 (B) -13 (C) -10 (D) 3

53. 40% of the employees of a certain company are men and 75% of the men earn more than Rs 25000 per year. If 45% of the company's employees earn more than Rs 25000 per year, then what fraction of the women employed by the company do not earn more than Rs 25000 per year?

(A) 2/11 (B) 1/4

(C) 1/3 (D) 3/4

54. In the given figure (not drawn to scale), find the value of x, y and z respectively.



(A) 90°, 50°, 110° (B) 90°, 40°, 110°

(C) 40°, 90°, 110° (D) 110°, 40°, 90°

55. Simplify : $\sqrt[5]{x^4\sqrt[4]{x^3\sqrt[3]{x^2\sqrt{x}}}}$

(A) $x^{23/24}$ (B) $x^{23/6}$

(C) $x^{5/6}$ (D) $x^{119/120}$

56. The volume of the largest cone which can be cut from a cube of edge 'a' is

(A) $\frac{\pi a^2}{12}$ (B) $\frac{\pi a^2}{3}$

(C) πa^3 (D) $\frac{\pi a^3}{12}$

57. A bus charges Rs 20 for first kilometer and Rs 5 each for every subsequent kilometer. For a distance of x km, Rs y is paid. Write the linear equation representing the above information and find the total fare if a person travels 35 km respectively.

(A) $5x-y=15$ and Rs 190

(B) $y-5x=15$ and Rs 190

(C) $y-15=5x$ and Rs 180

(D) $5x+y=15$ and Rs 180

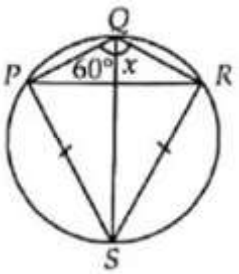
58. Solve the following and select the correct option.

(i) If $p=\frac{2-\sqrt{5}}{2+\sqrt{5}}$ and $q=\frac{2+\sqrt{5}}{2-\sqrt{5}}$, then find the value of p^2-q^2.

(ii) If $m=3+\sqrt{8}$, then find the value of $m^2+\frac{1}{m^2}$.

	(i)	**(ii)**
(A)	$-144\sqrt{5}$	34
(B)	$79\sqrt{5}$	$5\sqrt{2}$
(C)	$140\sqrt{5}$	28
(D)	$-80\sqrt{5}$	$7\sqrt{2}$

59. In the given figure PQRS is a cyclic quadrilateral in which $PS=RS, \angle SQR=x$ and $\angle PQS=60°$. The value of x is _____.



(A) 30° (B) 60° (C) 50° (D) 18°

60. If the radius of shpere is increased by 4%, then what percent the surface area of the sphere increased?

(A) 8.16% (B) 8%

(C) 6% (D) 4%

61. Microtubules are made up of

(A) actin (B) myosin

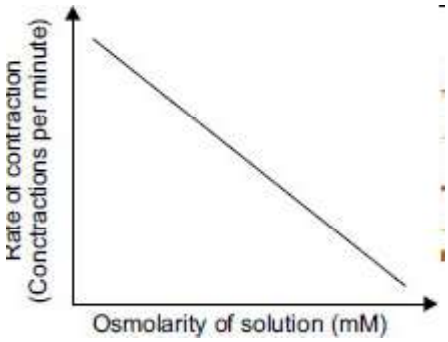
(C) tubulin (D) keratin

62. In plant cell functions of centriole is done by

(A) polar caps (B) dictyosome

(C) peroxisome (D) centromere

63. A unicellular protist *X*, which has contractile vacuole to remove excess intracellular water, was placed in salt solution of increasing osmolarity. The given graph shows the rate of contraction of vacuole to pump out excess water against osmolarity of solution. Select the option that gives the correct explanation of the data.



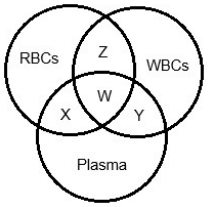
(A) In an isotonic solution there is no diffusion of water in or out of the *X*, so the contraction rate is zero.

(B) At higher osmolarity, more salt diffuses into *X*, therefore lower rates of contractions are required.

(C) The rate of contraction increases as osmolarity decreases because amount of water entering *X* by osmosis increases.

(D) The contractile vacuole is less efficient in solution of high osmolarity because of reduced respiration and less production of ATP.

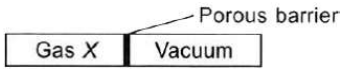
64. Refer to the given Venn diagram. Which variables refer to blood and lymph respectively?



(A) W, X (B) Y, Z

(C) W, Y (D) X, Z

65. The given apparatus is used to study the diffusion of a number of gases at the same temperature and pressure.



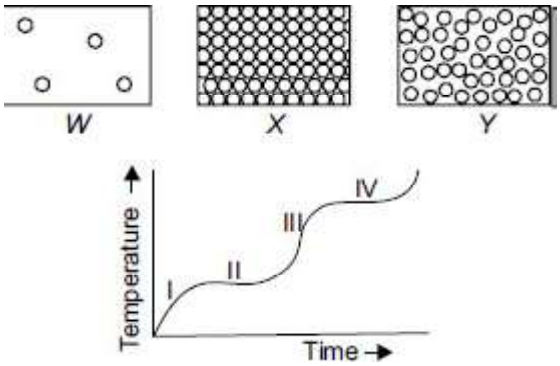
Which of the following pairs of gases would diffuse into the vacuum at the same speed?

[Given: Atomic mass of H = 1 u, C = 12 u, N = 14 u, S = 32 u, O= 16 u]

(A) NH_2 and H_2 (B) CO and SO_2

(C) CO and N_2 (D) NH_2 and N_2

66. Diagrams W, X and Y show how the particles of a substance are packed at different temperatures.



The given graph shows the temperature changes which occur on warming the substance. In which region of the graph would all the particles be packed as in Y?

(A) I (B) II (C) III (D) IV

67. Two substances, P and Q react to form a third substance, P_2Q according to the following reaction :

$2P + Q \rightarrow P_2Q$

Which of the following statements concerning this reaction are correct?

I. The product P_2Q does not show the properties of substances P and Q.

II. The product does not have a fixed composition.

III. The product has fixed melting and boiling points.

IV. The product can be easily separated into its constituents by physical methods.

V. The product so formed can be classified as a compound.

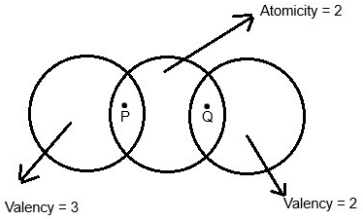
(A) III and V only

(B) II and IV only

(C) I, III and V only

(D) I, II and IV only

68. Refer to the given Venn diagram.



Identify P and Q.

	P	**Q**
(A)	Oxygen	Sulphur
(B)	Nitrogen	Oxygen
(C)	Aluminium	Argon
(D)	Phosphorus	Chlorine

69. Q_1, Q_2 and Q_3 are three balloons ascending with velocities 2*v*, 4*v* and 6*v*, respectively. If an object *X* of some mass *m* is dropped from each of them when they are at same height, then which one of the following statements is correct?

(A) X from balloon Q_3 reaches the ground first.

(B) X from balloon Q_1 reaches the ground first.

(C) X from balloon Q_2 reaches the ground first.

(D) X from all the three balloons reaches ground simultaneously.

70. Consider the following statements:

I. Areolar connective tissue is found between the skin and muscles, around blood vessels and nerves and in the bone marrow.

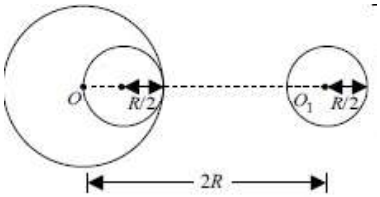
II. Fat storing adipose tissue is found below the skin and between internal organs.

Which of the statement(s) given above is/are correct?

(A) Only I (B) Only II

(C) I and II (D) None of these

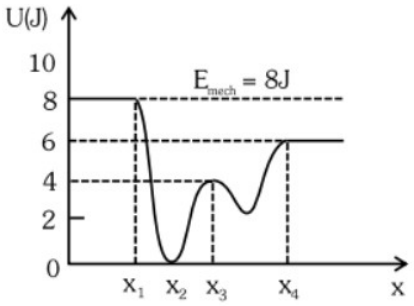
71. A cavity of radius R/2 is created in a sphere of radius R and mass M at the periphery which is placed at a distance 2R from the centre of another sphere as shown in the given figure. The force between the two spheres is



(A) $\frac{GM^2}{225R^2}$ (B) $\frac{2GM^2}{243R^2}$

(C) $\frac{7GM^2}{288R^2}$ (D) $\frac{4GM^2}{243R^2}$

72. The plot of a potential energy function U(x) for a system in which a particle is in one dimensional motion, while a conservative force F(x) acts on it is shown here. Assume that $E_{mech} = 8\,J$, then select the correct option which identify them as true (T) and false (F) ones.



[where K.E. = kinetic energy]

(i) at $x = x_2$, K.E. is greatest and the particle is moving at the fastest speed.

(ii) at $x < x_1$, K.E. is smallest and the particle is moving at the slowest speed.

(iii) at $x = x_3$, K.E. = 4J

(iv) at $c > x_4$, K.E. is constant throughout the region.

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

73. A curved surface PQRS is shown in the figure. The portion QRS is free of friction. There are three spherical balls of identical radii and masses. Balls are released from rest one by one from P which is at a slightly greater height than R.



With the surface PQ, ball 1 has large enough friction to cause rolling down without slipping, ball 2 has a small friction and ball 3 has a negligible friction. Which of the given statements are correct?

(i) Ball 1 and ball 3 can cross the point R.

(ii) Only ball 2 can cross the point R.

(iii) Only ball 3 can cross the point R.

(iv) Total mechanical energy is conserved for ball 1 and ball 3 but not for ball 2.

(A) (i) and (iv) only

(B) (iii) and (iv) only

(C) (i), (iii) and (iv) only

(D) (i), (ii), (iii) and (iv)

74. Select the option showing the correct sequential steps to produce a new genetic variety of a crop.

(A) Selection of parents → Hybridisation of selected parents → Germplasm collection → Selection of superior recombinants → Testing and release of new varieties

(B) Germplasm collection → Selection of parents → Hybridisation of selected parents → Selection of superior recombinants → Testing and release of new varieties

(C) Selection of superior recombinants → Germplasm collection → Hybridisation of selected parents → Selection of parents → Testing and release of new varieties

(D) Germplasm collection → Selection of parents → Hybridisation of selected parents → Testing and release of new varieties → Selection of superior recombinants

75. Fill in the blank:

During a planned manoeuvre in a space flight, a free-floating astronaut A pushes another free-floating astronaut B, the mass of A being greater than that of B. Then, the magnitude of the force exerted by astronaut A on astronaut B is _____.

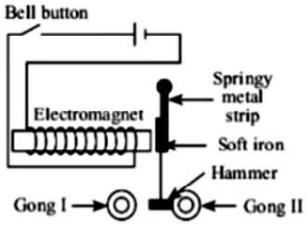
(A) equal to zero

(B) equal to the force exerted by astronaut B on astronaut A

(C) greater than the force exerted by astronaut B on astronaut A

(D) less than the force exerted by astronaut B on astronaut A

76. The schematic diagram of an electric bell is as shown in the given figure.



What happens when the bell button is pressed (switched on) and released (switched off)?

	Switch on	**Switch off**
(A)	One ting is heard	Silence
(B)	One ting is heard	One ting is heard
(C)	Continuous ringing	Silence
(D)	Silence	Continuous ringing

77. What happens when a sound wave passes from a highly polluted region to a pollution-free area?

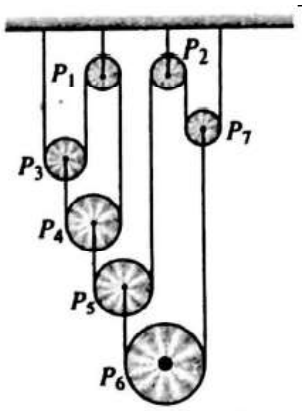
(A) Amplitude remains unchanged

(B) Velocity remains unchanged

(C) Frequency remains unchanged

(D) Wavelength remains unchanged

78. In the given figure, seven pulleys are connected with the help of three light strings. In the system P_3, P_4 and P_5 are light pulleys while P_6 and P_7 have masses m each.



Which of the following statements are correct?

(i) Tension in the string connecting P_1, P_3 and P_5 is zero.

(ii) Tension in the string connecting P_1, P_3 and P_5 is $\frac{mg}{3}$.

(iii) Tension in all the three strings are same.

(iv) Acceleration of P_6 is g downwards and that of P_7 is g upwards.

(A) (ii), (iii) and (iv) only

(B) (ii) and (iii) only

(C) (i) and (iii) only

(D) (i) and (iv) only

79. Fill in the blanks:

Suppose gravity of the Earth suddenly becomes zero, then what will happen to the motion of the Moon (neglecting the effect of other celestial body) _____.

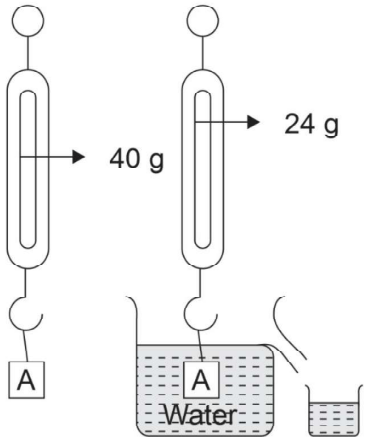
(A) Moon will stop moving

(B) Moon will start moving with non-uniform acceleration on the same path

(C) the Moon will begin to move in a straight line in the direction in which it was moving at that instant

(D) None of the above

80. Analyse the figure and find out relative density of the solid.



(A) 1.66 (B) 2.5 (C) 1.33 (D) 0.6

81. Which document abolished slavery in France?

(A) The Napoleonic Code

(B) The Declaration of Rights of Man and Citizen

(C) The Constitution of 1791

(D) The Edict of Nantes

82. Analyze the statement: "The Bolsheviks' political ideology, as articulated by Lenin, was fundamentally incompatible with a parliamentary democracy." Which of the following is the best justification for this statement?

(A) Lenin believed that the provisional government was more dangerous than the Tsar.

(B) The Bolsheviks advocated for a 'dictatorship of the proletariat', which they saw as ar transitional phase to a communist society and viewed parliamentary democracy as an instrument of the bourgeois class.

(C) The Bolsheviks wanted to establish a one-party state, which excluded other political parties from participating in parliament.

(D) Lenin's April Theses called for the immediate nationalization of all banks and industries, which was a radical departure from democratic principles.

83. The term "Proletrait" Refers to

(A) The middle class intellectual

(B) The Rulling Monarch

(C)The working class

(D) The land owning Aristocracy

84. The "Old Regime" refers to the social and political system in France before 1789. What was a defining characteristic of this system?

(A) A society based on legal equality and meritocracy for all citizens

(B) A rigid social structure with hereditary privileges for the clergy and nobility

(C) A federal system where states had significant autonomy from the central government

(D) A democratic republic where citizens elected representatives to the government

85. Why do farmers need to be careful while using modern techniques of farming?

(A) Because they are always expensive and reduce production

(B) Because excessive use of chemical fertilizers and pesticides can harm the soil and environment

(C) Because modern techniques do not increase crop yield

(D) Because traditional methods are faster and easier

86. The name of volcano in ethiopia which erepted on 23rd Nov. 2025.

(A) Mount Etna (B) Hayli Gubbi

(C) Kilauea (D) Mount Merapi

87. Which of the following statements are correct?

A large population can be turned into an asset through investment in education and health. Educated parents usually neglect the education of their children.

Investment in human resources yields high returns in the future.

(A) 1 and 2 only (B) 1 and 3 only

(C) 2 and 3 only (D) All of the above

88. Which programme aims to organize poor families into self-help groups to bring them above the poverty line?

(A) Swarnajayanti Gram Swarozgar Yojana (SGSY)

(B) Antyodaya Anna Yozana (AAY)

(C) Pradhan Mantri Gramodaya Yojana (PMGY)

(D) National Rural Employment Programme

89. What is a key characteristic that differentiates non-democratic governments from democratic ones?

(A) Non-democratic governments often hold regular elections

(B) Non-democratic governments typically do not allow citizen participation in leadership selection

(C) Non-democratic governments guarantee equal rights to all citizens

(D) Non-democratic governments have constitutions that protect individual freedoms

90. What was the inspiration for including a Preamble in the Indian Constitution?

(A) The British Constitution

(B) The American model

(C) The French Revolution

(D) The Russian Constitution

91. What does Dr. B.R. Ambedkar's concluding speech to the Constituent Assembly express?

(A) Confidence in immediate social equality

(B) Anxiety about contradictions in political and social life

(C) Support for Gandhian ideals

(D) Rejection of democracy

92. Which country hosted the G20 Summit 2025?

(A) Germany (B) France

(C) South Africa (D) Russia

93. If a voter does not have their Election Photo Identity Card (EPI(C), which of the following can they use to vote?

(A) Only Aadhaar Card and Driving Licence

(B) Only Ration Card and Birth Certificate

(C) Any one of 12 alternative photo identity documents such as Aadhaar Card, Passport, Driving Licence, MNREGA Job Card, or Unique Disability ID Card

(D) Only Voter Slip issued by political parties.

94. In which of the following states will the World's largest data centre be built?

(A) Gujarat (B) Odisha

(C) Maharashtra (D) Uttar Pradesh

95. Reema wants to witness the geographical location where the Tropic of Cancer passes almost midway through India. She plans a train journey from Gujarat to Tripura. Which geographical fact will she most likely experience along the way?

(A) The latitudinal extent makes days longer as she travels westward.

(B) The longitude changes by almost 30°, causing no time difference.

(C) The Tropic of Cancer passes through both Gujarat and Tripura.

(D) Coastal humidity increases steadily from Gujarat to Tripura.

96. Which Indian cough syrup was recently flagged as 'substandard' by the WHO?

(A) Coldrex (B) Coldrif

(C) Coughnil (D) Coughsafe

97. Which river is known for forming the second biggest waterfall in India - Shivasamudram Falls?

(A) Krishna

(B) Mahanadi

(C) Kaveri

(D) Godavari

98. Which tributaries belong to the Kaveri River system?

(A) Wainganga, Pranhita, Penganga

(B) Purna, Wardha, Manjra

(C) Amravati, Bhavani, Hemavati, Kabini

(D) Ghatprabha, Musi, Tungabhadra

99. Recently, Surya Kant Sharma appointed Chief Justice of India. He is _____ Chief Justice of India.

(A) 53rd (B) 52nd

(C) 54th (D) 51st

100. Lakes are of great value to human beings. Which of the following statements about lakes given below is incorrect?

(A) Helps to regulate the flow of rivers

(B) It results in flooding

(C) Can be used for developing hydel power

(D) Enhances natural beauty

********** **END** **********