VIBRATION ACADEMY

6th TO 7th MOVING

VIBRATION ACADEMY

PHASE 1

VIBRO'NET

SCHOLARSHIP TEST

NEET RESULT 2023

JAY PITHADIYA

639/720

SUJAL PARMAR

637/720

MINAL PATIL

626/720

ROSNA THOMAS

612/720

RITU PATEL

612/720

RIA CHANDARANA

611/720

PRERNA GANDHI

593/720

KACHHATIYA DHAVAL

589/720

RUTVI PAREKH

570/720

SHREJA GUPTA

569/720

RIVA CHANDARANA

569/720

SAZIYA MUNSHI

561/720

ASTHA ATODARIYA

553/720

MISTY BHAVSAR

546/720

SAKSHI BHATT

533/720

HARSH KAPADIA

525/720

SULAY PATEL

523/720

KRISH PATEL

518/720

JENSI PRAJAPATI

517/720

RUTVI CHAUHAN

513/720

DATTESH BHATIYA

492/720

HARNISH PATEL

480/720

SHREYA SHAH

475/720

ATIK RAZA

474/720

JANHABI BARAT

471/720

YASHODEEP PATIL

469/720

RIYA OZA

468/720

ANSH SHARMA

465/720

37 OUT OF 53 STUDENTS SCORED MORE THAN 450+ MARKS.

IMPORTANT INSTRUCTIONS

GENERAL INSTRUCTIONS

1. This booklet is your Question Paper.
2. Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets in any form are not allowed to be used.
3. Write your **Name** in the space provided in the first page of this booklet.
4. 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.
5. No query related to question paper of any type is to be put to the invigilator.

INSTRUCTIONS FOR OPTICAL RESPONSE SHEET (ORS)

- Darken the appropriate bubbles on the original by applying sufficient pressure.
- The original is machine-gradable and will be collected by the invigilator at the end of the examination.
- Do not tamper with or mutilate the ORS.
- Before answering the paper, fill up the required details in the blank space provided in the Objective Response Sheet (ORS).
- Use a **BLACK / BLUE BALL POINT** to darken the bubbles in the ORS sheet.
- Darken the bubble **COMPLETELY.**
- Darken the bubble **ONLY** if you are sure of the answer.
- The correct way of darkening a bubble is as shown here : ●
- There is **NO** way to erase or "un-darkened bubble.
- The marking scheme given at the beginning of each section gives details of how darkened and **not darkened** bubbles are evaluated.
  Marks distribution of questions is as follows.

Vibro'NET

S.No.	Subject	Nature of Questions	Marks to be awarded			
			No. of Questions	Correct	Wrong	Total
1 to 25	PART-I (Maths)	Single Choice Questions (SCQ)	25	4	0	100
26 to 35	PART-II (Physics)	Single Choice Questions (SCQ)	10	4	0	40
36 to 45	PART-III (Chemistry)	Single Choice Questions (SCQ)	10	4	0	40
46 to 55	PART-IV (Biology)	Single Choice Questions (SCQ)	10	4	0	40
56 to 70	PART-V (Mental Ability)	Single Choice Questions (SCQ)	15	4	0	60
		Total	**70**			**280**

Zero marks '0' If none of the options is chosen (i.e. the question is unanswered).

Name_____

Space For Rough Work

1. Roman numerals for 498 is:
(A) CDCXVIII (B) CDCXIV
(C) CDXCVIII (D) CDXCVII

2. According to International System, the number 648340021 would be written with commas as:
(A) 648,340,021 (B) 6,4,8,3,0,0,2,1
(C) 64,83,40,02,1 (D) none

3. In the product of 37 and 23, what is the place value of the digit which is prime ?
(A) 500 (B) 700
(C) 800 (D) 50

4. Using the digits 1, 4, 6 and 8 each only once, how many four digit odd numbers can be formed?
(A) 4 (B) 5
(C) 3 (D) 6

5. 3 x 1000 + 5 x 10 + 2 x 1 Given in the expanded Form. The number is
(A) 0352. (B) 3002.
(C) 3052. (D) 3573.

6. The product of two odd numbers is
(A) an even number
(B) an odd number
(C) Either even or odd
(D) Multiple of 7 or 2

7. The difference between the largest 5-digit number with distinct digits and the smallest 5-digit number with distinct digits is
(A) 88,531 (B) 89, 999.
(C) 86,420 (D) 119,999.

8. 38 + 83 = 83 + 38 is an example of
(A) commutative property.
(B) associative property.
(C) closure property.
(D) distributive property.

9. The multiplicative identity element of whole numbers is
(A) 2 (B) 1
(C) 0 (D) -1

10. The number divisible by 11 is
(A) 1,116,365. (B) 1,802,701.
(C) 8,790,322. (D) 901,351.

11. The smallest number of 4- digits exactly divisible by 12,15, 20 and 35 is
(A) 1000 (B) 1160
(C) 1260 (D) 1360

12. The number which is neither prime nor composite is
(A) 4 (B) 1
(C) 2 (D) 5

13. All the factors of 25 are
(A) 1, 5, 25 (B) 1, 5, 15
(C) 1, 5, 20 (D) 1, 2, 4

14. The number that is equal to its additive inverse is
(A) -1 (B) 0
(C) +1 (D) 100

15. The correct sequence of the numbers in ascending order is _____
(A) 0 < –1 < –2 (B) 1 < –1 < 0
(C) -1 < 0 < 1 (D) –2 < –3 < –4

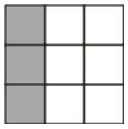
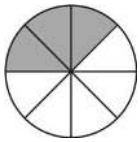
16. Find. (– 7) – 8 – (– 20)
(A) – 5 (B) + 25
(C) + 5 (D) – 8

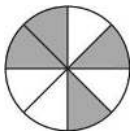
17. On moving 8 steps to the right of -5, Rita will get
(A) +3 (B) +5
(C) +8 (D) +13

18. Which of the following is correct definition of Like Fractions?
(A) Fractions which do not have the same denominator
(B) Fractions which have the same denominator
(C) Fractions which have the same numerator
(D) Fractions which do not have the same numerator

(Space For Rough Work)

19. Figure represents the fraction 3/9 is

(A)  (B) 

(C)  (D) all of them.

20. If $3 - \frac{12}{5} = x$, then the value of x will be.

(A) $\frac{4}{5}$ (B) $\frac{3}{5}$

(C) $\frac{2}{5}$ (D) $\frac{1}{5}$

21. Two tens and 9 tenth can be written as
(A) 200.9 (B) 20.9
(C) 20.09 (D) 02.09

22. The value of 360 mm in metre is
(A) 36 m. (B) 3.06 m.
(C) 3.6 m. (D) 0.36 m.

23. An algebraic expression of three distinct terms is known as
(A) monomial. (B) binomial.
(C) trinomial. (D) quadrinomial.

24. Simplified form of $3y^3 + |2y^3 - 4y^2 - \{-y^2 + (3y^2 - 4y^2) + y - 2\} - 7]$ is

(A) $5y^3 - 2y^2 - y - 5$

(B) $5y^3 - 2y^2 - y + 5$

(C) $5y^3 - 2y^2 + y - 5$

(D) $-5y^3 - 2y^2 + y - 5$

25. 3 times x added to 7 times y gives

(A) 3x + 7y

(B) 3x – 7y

(C) 7y – 3x

(D) 3x/7y

26. Foot, Stride, Fathom are the units of :
(A) Time (B) Length
(C) Mass (D) Weight

27. 1 dam is equal to :
(A) 10m (B) 1000 cm
(C) Both (A) and (B) (D) None of these

28. Length of curved line is measured by using :
(A) Scale
(B) String
(C) Ruler
(D) Can`t be measured

29. Lifting a bucket of water is an example of :
(A) Frictional force. (B) Muscular force.
(C) Gravitational force. (D) Magnetic force.

30. To pick out iron pieces from garbage, the garbage pickers often use the :
(A) Muscular force. (B) Magnetic force.
(C) Frictional force. (D) Electrostatic force.

31. Choose the source of energy which is different from others :
(A) Gobar gas (B) Vegetable refuse
(C) Plants (D) Crude oil

32. Which of the following types of motion are possessed by a football rolling on the ground?
(A) Rotational (B)Rectilinear
(C) Periodic (D) Circular
(A) (A) & (B) (B) (B) & (c)
(C) (A)&(C) (D) A, B, &(D)

33. 15 cm are equal to
(A) 150 mm
(B) 15 mm
(C) 1.5 mm
(D) 0.15 mm

34. When an opaque object comes in the way of light it makes
(A) A shadow (B) a coloured image
(C) A black & white image (D) no image

35. From the surface of any luminous body, light moves in all directions. This phenomenon is called.
(A) Rectilinear propagation
(B) curvilinear propagation
(C) Scattering of light
(D) Sugar tongs

(Space For Rough Work)

36. Two examples of animal fibres are
(A) cotton and wool. (B) cotton and flax.
(C) silk and jute. (D) wool and silk.

37. The instrument that measures the density of liquids is
(A) hydrometer. (B) hygrometer.
(C) density meter. (D) ammeter

38. Pure water is
(A) good conductor of electricity.
(B) poor conductor of electricity.
(C) semiconductor.
(D) superconductor

39. The following groups of non-living objects that can be classified as man-made is
(A) aerated drinks, ice cream and pizza.
(B) milk, biscuits and bread.
(C) Mango, orange and tomato.
(D) tomato, sandwich and chocolate

40. The object which is made from coconut fibers is
(A) sweaters. (B) brushes.
(C) mattresses. (D) clothes.

41. The best conductor of electricity is
(A) zinc. (B) silver.
(C) copper. (D) gold.

42. Pebbles and stones are removed from sand by
(A) hand picking. (B) winnowing.
(C) threshing. (D) sieving.

43. Sugar is obtained from sugar solution by
(A) magnetic separation. (B) decantation.
(C) evaporation. (D) loading.

44. Filtration is used for separating
(A) salt from sea water.
(B) vegetables from soup.
(C) cream from milk.
(D) iron nails from sand

45. The part of the cotton plant that yields cotton boll is
(A) leaf. (B) fruit.
(C) seed. (D) stem.

46. Rat is
(A) carnivorous. (B) herbivorous.
(C) omnivorous. (D) insectivorous.

47. An animal that eats fruits of trees is
(A) cat. (B) monkey.
(C) eagle. (D) snake.

48. All of the given are milk product except
(A) cream. (B) cheese.
(C) chapati. (D) ghee.

49. All of the given can feed on insects except
(A) crocodile. (B) frog.
(C) lizard. (D) snake.

50. An edible root is
(A) ginger. (B) potato.
(C) carrot. (D) onion.

51. Conduction of water is the function of:
(A) leaf. (B) stem.
(C) root. (D) flower.

52. On a hot summer day, the leaves of a plant droop down because
(A) the plant becomes weak.
(B) excessive transpiration takes place.
(C) excessive photosynthesis takes place.
(D) no transpiration occurs.

53. When the venation appears as a net-like design on both sides of the midrib it is called:
(A) parallel venation. (B) simple venation.
(C) reticulate venation. (D) random venation.

54. Femal e reproductive part of Plant -
(A) Stamen (B) Pistil
(C) Flower (D) None of these

55. Transpiration occurs mainly through the
(A) roots. (B) stem.
(C) bud. (D) leaves

Direction : (56) Find the missing number :

56. 1, 3, 7, 13, ?
(A) 19 (B) 23
(C) 21 (D) 25

(Space For Rough Work)

Direction : (57 to 58) Find the wrong term (s) :

57. 2, 6, 11, 17, 23, 32, 41
(A) 6 (B) 17
(C) 23 (D) 32

58. CDF, DEG, EFH, FHI
(A) CDF (B) DEG
(C) FHI (D) EFH

59. If the following names are arranged alphabetically, which of them will occupy the third position ?
(A) Surendra (B) Sindhu
(C) Shurendra (D) Sadhana

60. If **BOX** is coded as **CDPQYZ**, what will be the last two letters of word in the same code for **HERO** ?
(A) N, M (B) M, N
(C) P, Q (D) Q, P

Direction (61 to 62) Find the missing terms in the figure.

61.

(A) 47 (B) 45
(C) 37 (D) 35

62.

7	9	11
2	3	2
51	84	?

(A) 125 (B) 100
(C) 123 (D) 64

Directions : (63) Arrange the following group such that when arranged in a specific order, meaningful word is formed.

63. **T R I F U**
1 2 3 4 5
(A) 3,1, 2, 4, 5 (B) 4, 2, 5, 3, 1
(C) 4, 3, 2, 1, 5 (D) 5, 3, 2, 1, 4

64. If **air** is called **water**, **water** is called **green**, **green** is called **dust**, **dust** is called **yellow** and **yellow** is called **cloud**, which of the following does fish live in ?
(A) Air (B) Water
(C) Green (D) Dust

65. If **KLM** is written **18** then how would **SQR** be written in that code ?
(A) 30 (B) 54
(C) 26 (D) 27

66. Reena walks Eastwards after a while she turns to her left and then turn to her right. Finally she turn to her left. In which direction is she moving now ?
(A) West (B) East
(C) South (D) North

67. Rahul travels 8 km East, then 6 km north, How far is Amar from the starting point ?
(A) 16 kms. (B) 10 kms.
(C) 6 kms. (D) 5 kms.

Directions : (68 to 69) Read the following information carefully and answer the questions given below it :
(A) There are five friends.
(B) They are standing in a row facing South.
(C) J is to the immediate right of A.
(D) P is between B and S.
(E) S is between J and P.

68. Who is at the extreme left end ?
(A) A (B) B
(C) S (D) Data inadequate

69. Who is in the middle ?
(A) B (B) J
(C) P (D) S

70. What is the value of $10 \times 10 \div 10 = ?$
(A) 10 (B) 1000
(C) 10000 (D) None of these

Space For Rough Work

Space For Rough Work

JEE MAINS RESULT 2023

BHARUCH TOPPER

AAYUSH SINGH

99.90%ile

AAYUSH GARG

99.76%ile

HRIDYA PANDYA

99.71%ile

TANISH PATEL

99.30%ile

MUKTIK PATEL

99.25%ile

POONAM PATIL

98.97%ile

PARTH BHATT

98.93%ile

ARYAN PATEL

98.90%ile

NEELABH RANA

98.82%ile

KRISH PATEL

98.57%ile

HARDEE PAREKH

98.45%ile

JEE ADVANCED RESULT 2023

AIR

1955

AYUSH SINGH

AIR

4559

HRIDAY PANDYA

AIR

4828

AYUSH GARG

AIR

2097*

NEELABH RANA

AIR

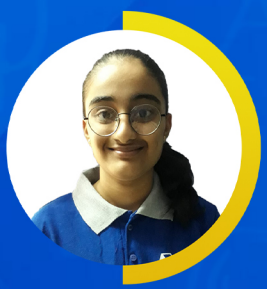
9411

TANISH

AIR

11177

POONAM PATIL



AIR

12311

HARDEE PAREKH

AIR

15294

MUKTIK

AIR

17193

MAYANK SINGH

AIR

17686

PARTH BHATT

10th GSEB RESULT 2023

DISHA JADAV

563/600

99.84%ile

OUT OF 40 STUDENTS

99%ILE & ABOVE - 06 STUDENTS 98%ILE & ABOVE - 11 STUDENTS

95%ILE & ABOVE - 32 STUDENTS

PARV SHAH

559/600

99.77%ile

NEEV VITHLANI

554/600

99.63%ile

UMANG MODI

546/600

99.33%ile

SHREY DAVE

545/600

99.28%ile

TEJ GODASARA

545/600

99.28%ile

SHREYANSH

534/600

98.66%ile

DEV JAYSWAL

533/600

98.60%ile

JUSAL DESAI

533/600

98.60%ile

NIRVEE PATEL

528/600

98.23%ile

RUDRA D PATEL

525/600

98.01%ile

VAISHVI PATEL

518/600

97.40%ile

PRIYANSH PATEL

509/600

96.53%ile

10th CBSE RESULT 2023

ABPS TOPPER

MITUL CHOUDHARY

97.60%

OUT OF 105 STUDENTS

95% & ABOVE - 10 STUDENTS 85 % & ABOVE - 75 STUDENTS

90% & ABOVE - 41 STUDENTS 80 % & ABOVE - 92 STUDENTS

SOUMIL BISWAS

97.40%

TRISHA VAISHNAV

97.20%

RAHEE

95.60%

GREESA VACHHANI

95.40%

MAAHI PATEL

95.20%

JAY AMBE TOPPER

SAANVI SWAIN

95.20%

KANISHKA

95.00%

OM RAMI

95.00%

YAKSH PATEL

95.00%

JAYSINH RAHEVAR

94.80%

JEEYA PATEL

94.80%

ATHARVA PATIL

94.80%