Sri – Om

VEDIC MATHEMATICS AWARENESS YEAR

Awareness evaluation quarter (1-7-15 to 30-9-15)

Organizers: Dr. S. K. Kapoor, Sh. Rakesh Bhatia, Sh. Bhim Sein Khanna, Sh. Deepak Girdhar
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ॐ । गायत्री छन्द । सरसवती मंत्र । महेश्वर सूत्र । गणित सूत्र

Om Gyatri Chand, Saraswati Mantra, Maheshwar Sutra, Ganita Sutras

AIM

Formation of

VEDIC MATHEMATICS SCIENCE AND TECHNOLOGY UNIVERSITY

Think Meditate Transcend, Glimpse and Imbibe Format Features Order Values and Virtues of Vedic sounds formulations along Sunlight Carriers

Vedic Mathematics and VMS & T Discipline

1. Why Vedic Mathematics And Vms & T Discipline 2. Negative dimensional orders chase 3. VMS & T Discipline learning focus 4. Reflection operation 5. Negative dimensional orders 6. Devnagri alphabet 7. Classification and grouping of letters of Devnagri alphabet as 9 vowels, 8 yama letters 4 antstha and 4 Ushama letters and 25 varga consonants

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Spatial order for Devnagri script format

1. First format for chase of values and virtue of Devnagri format is its Script Format.
2. The script format of Devnagri alphabet is of spatial order (2-space in the role of dimension).
3. The script forms of Devnagri alphabet letters manifests along a surface / plane / 2-space set up.
4. Surface / plane / 2-Space set up deserve to revisited, time and again.
5. Surface / plane / 2-Space / square / hyper cube 2 set up deserve to be chased with a focus upon a point of surface / plane / 2-Space / square / hyper cube 2
6. Let us formally designate this point as a spatial point, the spatial point is a structured point.

7. Spatial point is fulfilled with structures of surface / plane / 2-Space / square / hyper cube 2
8. Let us have a pause here and have a fresh look at the point, devoid of any structures.
9. Let us further have a fresh look at the point fulfilled with structures of a line / interval / 1-Space / hyper cube 1
10. A step ahead let us have a fresh look at the structural set up of a point fulfilled with structures of surface / plane / 2-Space / square / hyper cube 2
11. One may have a pause here and follow the set up of a moving point as a track manifesting as a line.
12. Further, in continuity thereof, let us follow surface / plane as a track of a moving line.
13. One may further have a pause here and take note that the line as a track of a moving point is a set up of infinite static points placements seats.
14. Further surface as well, can be viewed as a set of infinite lines placements seats in static states.
15. One may further have a pause here and view surface as a set of infinite grid zones of n x n formats for all values of n, starting with natural counts / natural numbers and sequentially reaching at whole numbers / integers, rational numbers, real numbers, complex numbers as systems of numbers reached at by modern set theoretic and even along topological formats.
16. One may further approach spatial point as a domain within geometric envelope like circle as area within circumference
17. One may have a pause here and take note that circumference set up / as a curvature is of a format and features of phase and stage, in between the set ups of length measure of a state line and area measure for the grid zone
18. One may further have a pause here and take note that square and circle are the representative regular bodies of 2-Space.
19. Both square and circle accept a common formulation $A^2 : 4B^1$ for their domain – boundary ratios.
20. One may further have a pause here and take note that in case of a square, there is a split for its linear boundary being of four components.
21. However on the other hand, the boundary of circle, is an integrated single unit (as full circumference).
22. This feature, of boundary of a circle, being integrated single unit set up and simultaneously, there being a domain boundary ratio $A^2 : 4B^1$ parallel to which comes to be $(A/2)^2:B^1$, which implies that the domain folds in case of a circle accepts a split into four components.
23. One may further have a pause here and take note that, in the light of the above organizational features of the domain fold and dimension fold of a circle, it would come to pointed attention that, amongst others, this organization as following prominent features:
    (i) Radius of the circle (A/2) / half diameter has its role to reach at the split for the domain fold (area) of a circle
    (ii) Taking area to be the manifested expression of 2-Space content and circumference as expression of 1-Space content, it would prominently follow as that the space content as such is of the features of manifesting as lumps, because of which there happens to be in split form the domain folds.
24. One may further have a pause here and take note that, may it be as boundary of a square or as domain of a circle, the manifestations are of respective space and

space content manifests as lumps, responsible for their split coordination as four components of boundary folds of a square, and also for the domain fold of a circle.

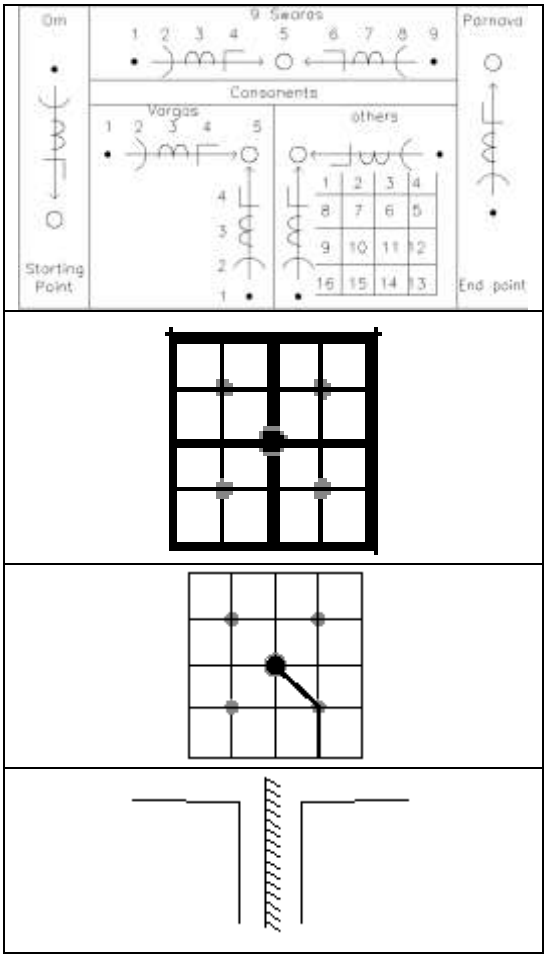
25. Simultaneously it also would be relevant to note that integrated single unit value for the circumference of a circle, and also of an area of a square, there comes to focus a feature of the space content that its manifestation, despite being of lumps, the same synthesizes and integrates as units
26. One may have a pause here and take note that the geometric envelope o a square is a set up of four points and four lines making it to be a set up of 8 components
27. With it, geometric set up of square, as such becomes a nine points set up, namely (i) four corner points (ii) four boundary lines and (iii) one area
28. One may have a pause here and take note that when a pair of squares are synthesized and making a set up with one side (boundary line with a pair of corner points) super imposed upon the sides of the first square, the total components of this synthesized set up will come to be 9 + 6 = 15
29. Further when third square is synthesized with the above set up along the second side of the square (parallel to second axis of 2-Space). This synthetic set up of triple square as such would be emerging as set up of 9 + 6 + 6 = 21 components.
30. The addition of fourth square to above synthetic set up of three squares will make the synthetic set up of four squares, as four quarters squares of a square as a set up of 9 + 6 + 6 + 4 = 25 components
31. One may have a pause here and take note that $25 = 5 \times 5 = 5^2$
32. Further as that 2-Space is a set up of 5 geometries range and parallel to it, square is of five versions.
33. One may further have a pause here and take note that the square within 3-Space is having a pair of faces
34. And for both faces, there would emerge a synthetic set up of 25 + 25 = 50 components.
35. There are 50 letters of Devnagri alphabet organized as 16 + 25 + 9
36. One may have a pause here and take note that 16 + 9 = 25 shall be leading us to the set up of right angle triangle (3, 4, 5)
37. This way the shift from the set up of a square of two faces, to the set up of a right angle triangle (3, 4, 5) is the feature of a spatial order which deserve to be comprehended well and to be appreciated fully to have through insight and an enlightened vision about the script forms of Devnagri alphabet letters
38. One may further have a pause here and take note that the right angle triangle (3, 4, 5) accepts are of the triangle as of units.
39. One may further have a pause here and take note that this pair of features of right angle triangle, namely (i) 3, 4, 5 and (ii) 6 as a quadruple artifices (3, 4, 5, 6) goes parallel to the quadruple folds (3, 4, 5, 6) / (3-space content as dimension fold, 4-space content as boundary fold, 5-space content as domain fold, 6-space content as origin fold of hyper cube 5
40. One may further have a pause here and take note that the hyper cube 5 is the representative regular body of 5-space within 4-space as a four fold manifestation layer (3, 4, 5, 6)
41. 5-space is a transcendental space
42. Domain fold of hyper cube 5 is transcendental (5-space) domain.
43. One shall sit comfortably and permit the transcending mind to continuously remain in prolonged sitting of deep trans and to be face to face with above format and features of a spatial order set up and

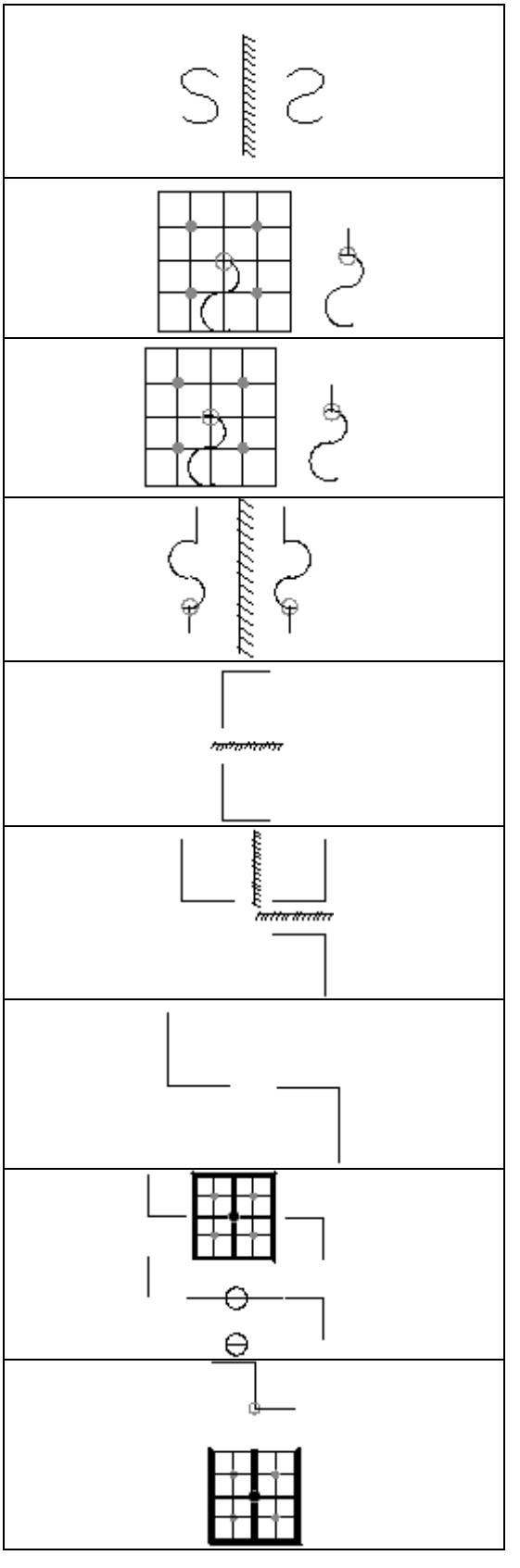
to glimpse the reach uptill transcendental (5-space) domain

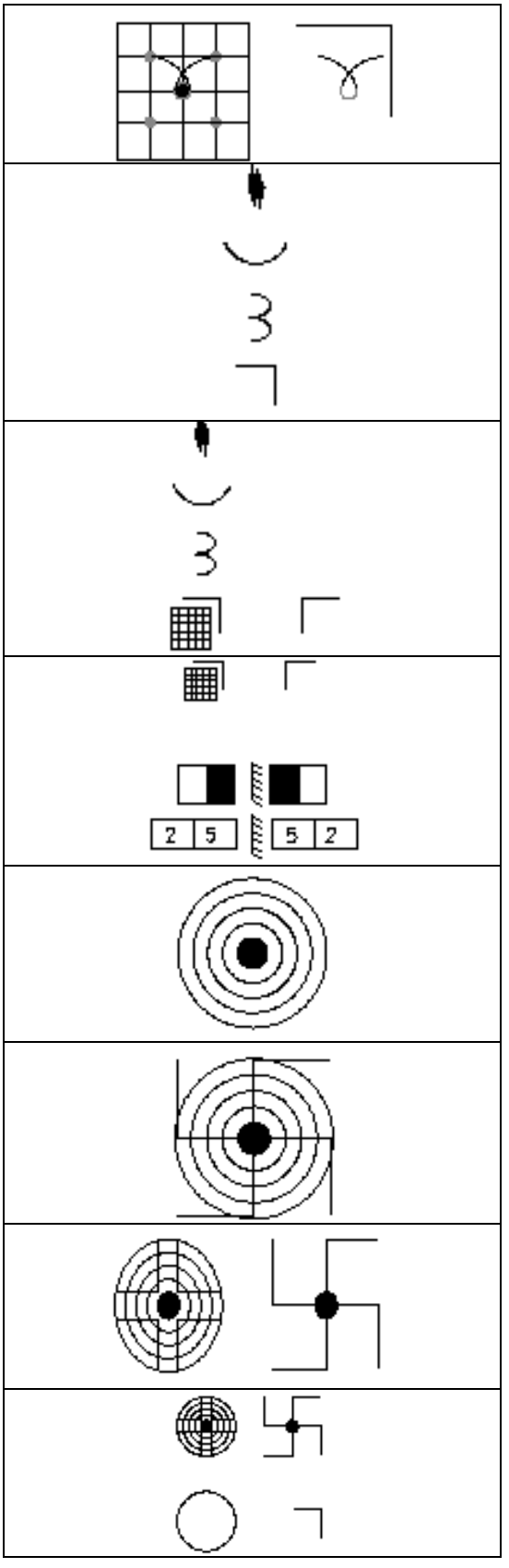
44. It would be blissful to note that 2-Space plays the role of dimension of 4-space (creator's space (4-space) and leads up till its transcendental (5-space).
45. 2-Space as five geometries range and 4-space as five non negative geometries range.
46. Simultaneously 4-Space is also having five non positive geometries range as well.
47. One may have a pause here and take note that five geometries range of 2-Space, as a setup of geometries of (-2, -1, 0, 1, 2) signatures range shall be leading to an extension (-3, -2, -1, 0, 1, 2, 3) which permits split as a pair of manifestation layers (-3, -2, -1, 0) and (0, 1, 2, 3) of hyper cube (-2) and hyper cube (2) respectively.
48. One may have a pause here and take note that the above pair of hyper cubes namely hyper cube (-2) and hyper cube (+2) may be taken as a pair of expressions for the absolute values of numbers (0, 1, 2, 3) respectively.
49. One may have a pause here and take note that the pair of expressions (-3, -2, -1, 0) of hyper cube (-2) and (0, 1, 2, 3) of hyper cube 2 as geometric set ups of a pair of squares but of opposite orientation, shall be bringing us face to face with, amongst others, the following features in particular:
    (i) Absolute value and is of a pair of expressions (+n) and (-n)
    (ii) This as such is parallel to the pair of orientations of an interval.
    (iii) Value (+1) is parallel to linear boundary of hyper cube, while the value '-1' is the value of the domain fold of hyper cube (-2)
50. One may have a pause here and take note that the above pairs of expression lead to boundary fold of hyper cube (-2) to domain fold of hyper cube (+1)
51. One may have a pause here and take note that the common formulation for domain boundary ratio for circle and square and simultaneously the domain fold of square remaining integrated whole while the boundary fold of circle remaining integrated whole are the features which deserve to be comprehended well and to be properly appreciated for their through imbibing for acquiring insight and vision for values and virtues of spatial order set up of creator (4-Space)
52. Further the split of spatial order as grid zones and the permissibility for the super imposition of grids along both faces of the surface by joining centers of the grid zones, are the features which also deserve to be comprehended well and to be thoroughly appreciated for complete imbibing thereof to have insight and vision for the values and virtues of the spatial order of creator's space (4-space).
53. The permissibility of super imposition of grids by joining the centers of the grid zones along both faces of the surface, as such is the Phenomenon on whose comprehension one may acquire proper insight and vision about the values and virtues of the Phenomenon of transcendence through the manifestation along the grid zones
54. One may have a pause here and take note that the script forms of the Devnagri alphabet, as such are the manifestation components of manifestation and transcendence from one phase of the grid zone of another phase of the grid zone
55. The geometric envelope for the grid zone parallel to that of a square and further geometric envelope for center of the grid zone parallel to that of a circle will

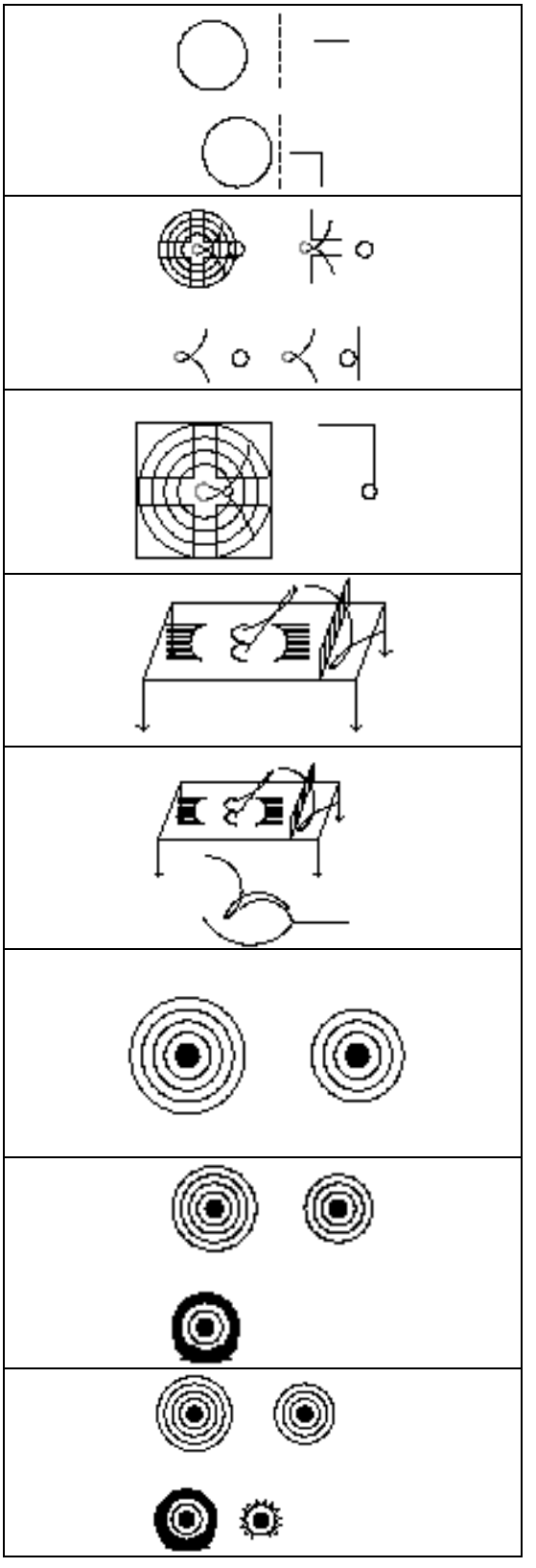
further help us have an insight and vision about the script forms of individual Devnagri alphabet letters and the potentialities of these script forms being parallel to transcendence permissibility through the manifestation format

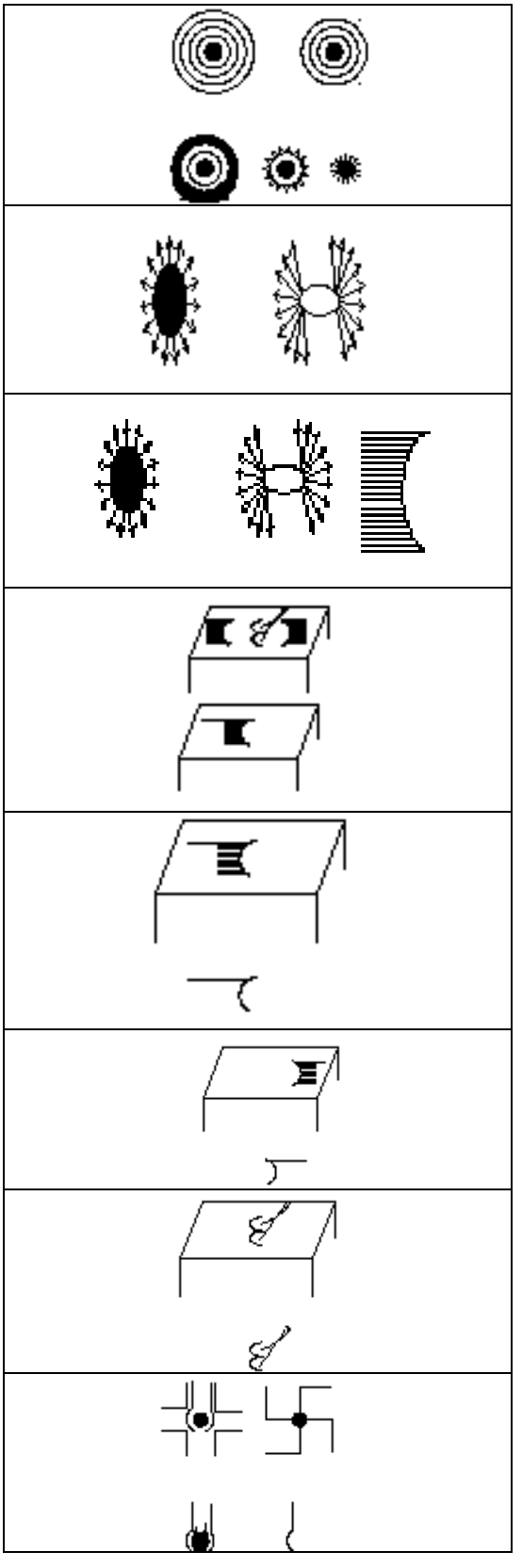
56. One shall sit comfortably and permit the transcending mind to have a fresh visit to the script forms components of individual Devnagri letter and their setting along the arrangement and organization of Devnagri alphabet format.
57. The following tabulation may help to have initiation for this chase of script forms settlement for the Devnagri alphabet letters:

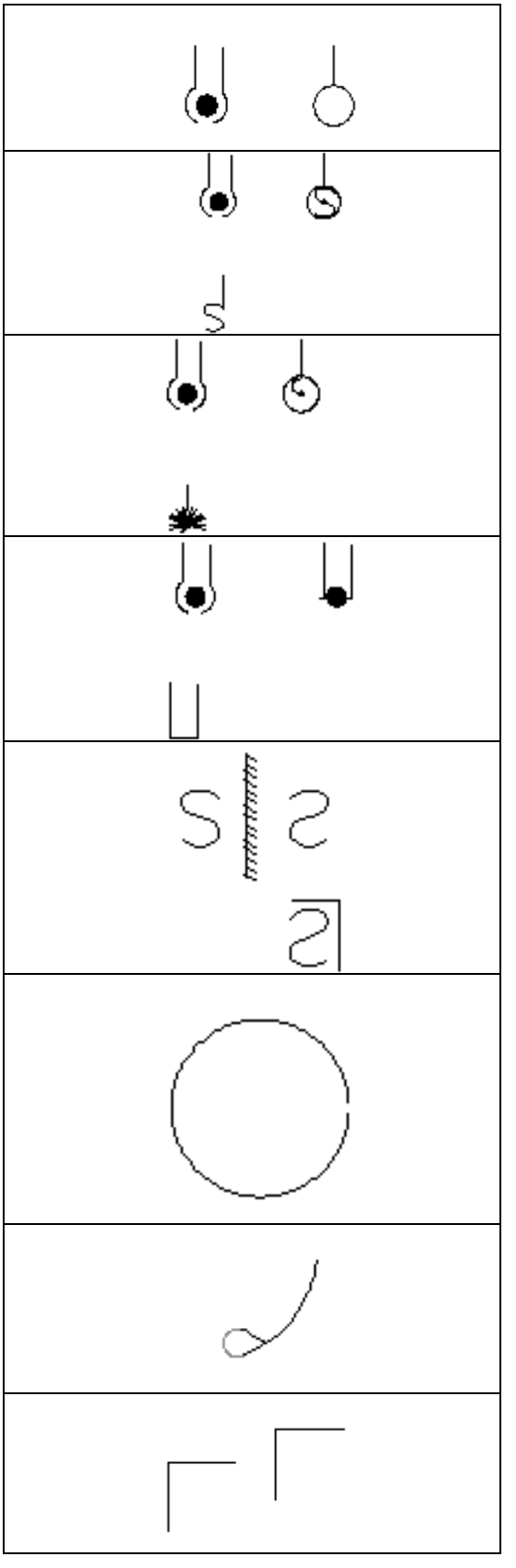


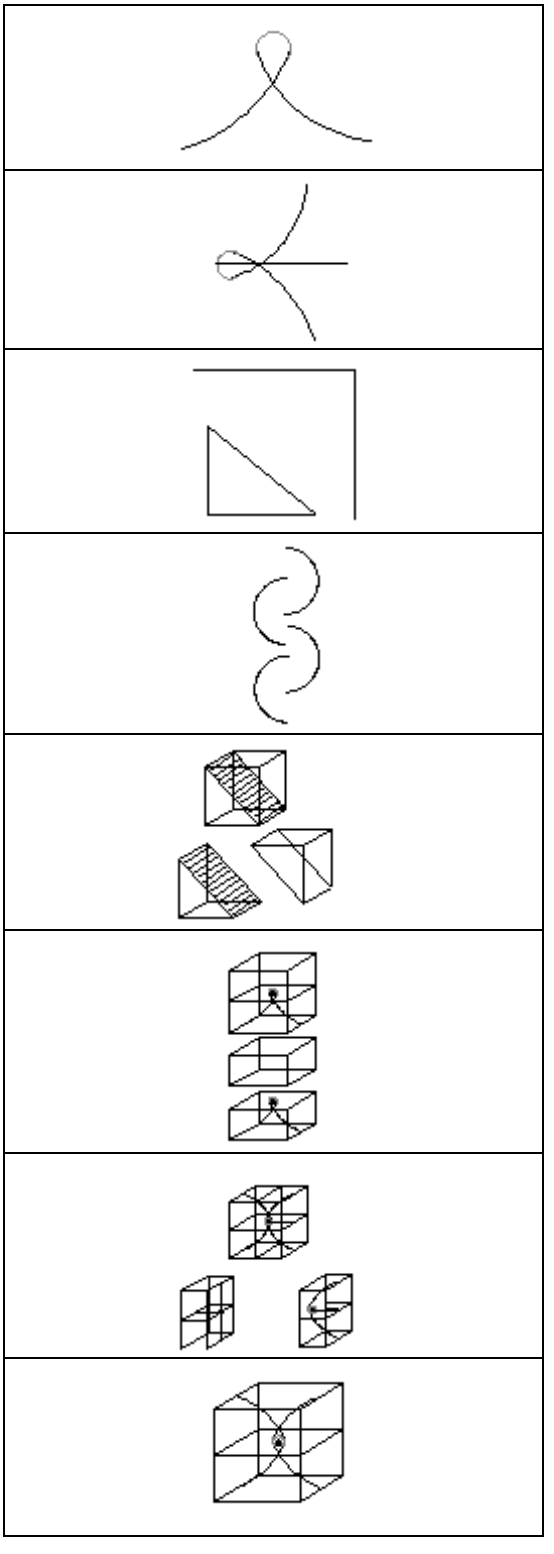


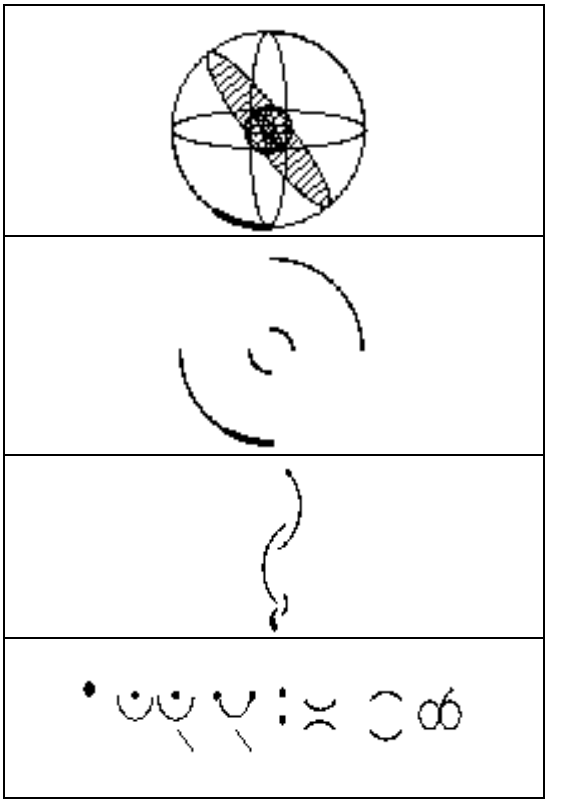

3
3
2 5
5 2











24-07-2015 Dr. Sant Kumar Kapoor
(*Ved Ratan*)