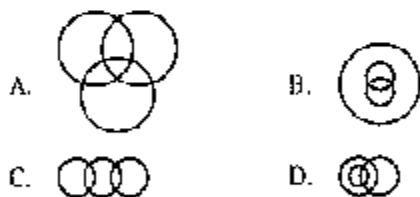


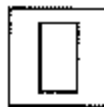
- Isohyets are the lines:
 - joining area of equal rainfall
 - joining area of equal height
 - joining area of equal snow fall
 - None of these
- Which of following is a wrong match?
 - Tropic of cancer - $23^{\circ} 27' 00''$ N
 - Tropic of capricorn - $23^{\circ} 27' S$
 - Marble - metamorphic rock
 - Warping - formation of earth crust
- Ascending order of size of inner planet is:
 - Mercury, Venus, Earth, Mars
 - Mercury, Mars, Venus, Earth
 - Mercury, Mars, Earth, Venus
 - Mercury, Venus, Mars, Earth
- Which was the first Indian satellite launched from foreign soil?
 - Bhaskar
 - Apple
 - Rohini
 - Aryabhata
- Which of following represent the relationship between tennis fan, cricket player and students?



- When a force is applied it gives impulse. Impulse is equal to:
 - force applied
 - momentum produced
 - change in momentum
 - None of these
- Poison gland of snake are analogous to:
 - electric organ of fishes
 - stings of rays
 - sebaceous gland of mammals
 - salivary glands of vertebrates

- Bio-films are:
 - colour films used by biologist to photograph living organisms
 - photomicrographs of micro-organisms from various habitats
 - accumulation of micro-organism at surfaces such as those of rock, tooth or an oil drop
 - photographic film made through fermentation process of certain industrial micro-organisms
- Sodium sulphate is used to absorb water present in organic compounds such as chloroform. This sodium sulphate can be removed by:
 - chromatography
 - distillation
 - decapitation
 - None of these
- $^{40}_{18}\text{Ar}$ and $^{40}_{20}\text{Ca}$ are:
 - isotope
 - isobar
 - isotone
 - isomorph
- $[\text{Cu}(\text{NH}_3)_4]^{2+}$ is:
 - square planar
 - tetrahedral
 - triangular
 - None of these
- Ammonium cyanate on heating gives:
 - NH_3
 - CH_3CN
 - $\text{NH}_2\text{CO NH}_2$
 - CO_2 and NH_3
- Which of following molecule possess equal value of bond energy and dissociation energy?
 - H_2
 - NH_3
 - CH_4
 - PCl_3
- Triploblastic Metazoa belongs to:
 - cnidaria
 - platyhelminthes
 - annelids
 - mollusca
- Cells of person having down-syndrome possess:
 - 46 chromosome
 - 47 chromosome
 - 48 chromosome
 - 46 or 47 chromosome
- For 20 amino acids there are:
 - 64 codes
 - 60 codes
 - 40 codes
 - 20 codes

17. Green ear disease of bajra is the:
 A. fungal disease B. bacterial disease
 C. protozoic disease D. viral disease
18. A gradual rise in barometer height indicates:
 A. approach to fair weather
 B. approach of immediate storm
 C. likelihood of rain fall
 D. nothing significant
19. Length of the arc of a circle of radius 5cm subtending an angle measuring 45° :
 A. $3\pi/4$ cm B. $5\pi/4$ cm
 C. $6\pi/4$ cm D. $8\pi/4$ cm
20. $\cos(-3070^\circ)$ has value:
 A. 0 B. 1
 C. -1 D. $1/2$
21. Centroid of the triangle whose vertices are A (-1, 0), B (5, -2) and C (8, 2) is:
 A. (2, 0) B. (3, 0)
 C. (4, 0) D. None of these
22. Equation of circle when the coordinates of the end points of a diameter are (3, 4) and (-3, -4) is:
 A. $x^2 + y^2 = 25$ B. $2x^2 + y^2 = 25$
 C. $x^2 + 2y^2 = 25$ D. $x^2 - y^2 = 25$
23. $\int \log(1+x^2) dx$ has solution:
 A. $x \log(1+x^2) - 2x + 2 \tan^{-1} x + c$
 B. $\log(1+x^2) - 2x + 2 \tan^{-1} x + c$
 C. $\log(1+x^2) + 2x - 2 \tan^{-1} x + c$
 D. $\log(1-x^2) + 2x - 2 \tan^{-1} x + c$
24. State the serial number of figure which do not fit into the several pattern:



- C. D.
25. Which is wrongly matched
 A. RAM - Read Access Memory
 B. ROM - Read Only memory
 C. CPU - Central Processing Unit
 D. CD - Compact Disk
26. The capacity of 3.5" floppy is:
 A. 1.24 MB
 B. 1.44 MB
 C. 2.44 MB
 D. 3.14 MB
27. ALGOL - 60, BASIC, C++, JAVA are
 A. high level language
 B. low level language
 C. system software
 D. None of these of these
28. CUI stands for:
 A. Character User Interface
 B. Computer User Interface
 C. Computer Used Interface
 D. None of these of these
29. LOTUS is an exciting and Impressing piece of:
 A. computer hardware
 B. computer software
 C. computer
 D. None of these
30. The top three lines in a LOTUS-1-2-3 is termed as:
 A. PANEL
 B. CONTROL PANEL
 C. EXTENSION
 D. None of these

ANSWERS

1	2	3	4	5	6	7	8	9	10
A	D	B	B	A	C	D	C	C	D
11	12	13	14	15	16	17	18	19	20
A	C	A	B	B	A	A	A	B	A
21	22	23	24	25	26	27	28	29	30
C	A	A	A	A	B	A	A	B	B