

**SCHOOL ASSISTANT ASSOCIATION, Chittoor &
Karthik Memorial trust, Hyderabad
National Means cum Merit Scholarship model test**

HISOTRY

C. RARE
GEOGRAPHY

11. Which sea is separated the three continents [Europe, Africa, Asia] [c]
 a. Black sea b. Arabian sea c. Mediterrean sea d. Red sea

12.of the solar energy is reflected back by the Earth's atmosphere [a]
 a. 1/3 b. 1/4 c. 1/5 d. 1/6

13. Earth moves on its axis on todirection [b]
 a. East to West b. West to East c. North to South d. South to North

14. Eskimos used to sleep on a bench covered by [b]
 a. Human skin b. Animal skin c. Both A & Bd. None

15. Kerala and Andaman in India have Forests due to high rainfall [a]
 a. Evergreen forests b. Deciduous forests c. Throny forests d. Littoral swamp forests

16. Which district has none of the largest reserves of Barytes mineral in the world [c]
 a. Kadapa b. Chittoor c. Ananthapur d. Kurnool

17. The rivers Krishna and Godavari starts [b]
 a. Eastern Ghats b. Western Ghats c. Deccan plateau d. none of these

18. Rocks which have cracks or pores in them can contain water are called [b]
 a. pervious rocks b. impervious rocks c. Granites d. Lime stone

19. In India% land is cultivable [c]
 a. 50% b. 55% c. 40% d. 45%

20. Silkworms grow on trees [b]
 a. b. Mulberry c. Tamarind d. Glive

POLITICAL SCIENCE

- | <u>POLITICAL SCIENCE</u> | | | | |
|--|-----------------------------|-------------------|------------------------|-------|
| 21. Maximum number of members in Rajya Sabha
a. 220 | b. 230 | c. 240 | d. 250 | [b] |
| 22. The country is governed by the Cabinet headed by
a. The P.M | b. President | c. Vice-President | d. Speaker | [P] |
| 23. There were women members in our constituent assembly
a. 14 | b. 15 | c. 16 | d. 13 | [d] |
| 24. Law making body at the state level
a. Constitution | b. Legislative Assembly | c. Supreme court | d. Parliament | [b] |
| 25. An example for a crime
a. Bribery | b. occupying another's land | c. divorce | d. run away from debts | [d] |
| 26. Minimum age required to get the right to vote in our country is
a. 18 years | b. 21 years | c. 20 years | d. 25 years | [a] |
| 27. The law to abolish the Zaminadari system was passed in by all state governments
a. 1960 | b. 1950 | c. 1940 | d. 1980 | [c] |
| 28. Who is our president
a. Sri Chandra sekhar Rao | b. Sri Chandra Babu naidu | c. Sri .Modi | d. Sri Pranab Mukerjee | [d] |
| 29. Voter identity cards to all voters are issued by
a. State election commission | b. P.M. | c. C.M | d. Supreme Court | [a] |
| 30. The leader of Sarvodaya
a. Gandhiji | b. Nethaji | c. Vinobhaji | d. Tilak | [a] |
| <u>ECONOMICS</u> | | | | |
| 31. Fixed deposit is also known as
a. Credit card | b. Term deposit | c. Small savings | d. Debit card | [d] |
| 32. The introduced powerloom production in India
a. British | b. Portugese | c. Russians | d. Chinese | [a] |

BIOLOGICAL SCIENCE

PHYSICAL SCIENCE

48. Normal temperature of human body is [b]
a. 34°C b. 35°C c. 37° d. 36°
49. in the circuit bulbs are connected in [c]

- a. Series b. parallel
 50. The net force in the following diagram



c. both d. none [a]

a. 6N b. 8N
 51. Friction is independent of
 a. Area of contact b. nature of Surface c. Normal force
 52. The mirrors used by dentists
 a. Convex mirrors b. concave mirrors c. plane mirrors
 53. Distance travelled by a train is 920 km in 4 hrs. the speed of a train is
 a. 188 km/h b. 80 km/h c. 60 km/h
 54. To find maximum and minimum temperature of anyis used
 a. Clinical thermometer b. six's thermometer c. laboratory thermometer
 55. symbol indicates [c]

- a. Battery b. switch c. fuse d. bulb

56. The element in electric cooker is made up of [b]
 a. Copper b. Tungsten c. Aluminium d. Nichrome

57. Hertz is the unit of [c]
 a. Wave length b. frequency c. Speed of sound d. Intensity of sound

58. A dry cell contains a container made up of [c]
 a. carbon b. Zinc c. Graphite d. Copper

59. A rubbed balloon attracts pieces of paper due to [b]
 a. Friction force b. magnetic force c. Gravitational force d. electric static force

C. Gravitation **CHEMISTRY**

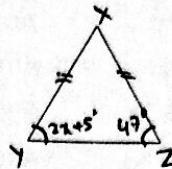
60. When acids react with metals gas is evolved [a]
 a. Hydrogen b. Oxygen c. Carbon dioxide d. Nitrogen

61. The common name for acetic acid is [c]
 a. Olive Oil b. Lime water c. Vinegar d. All of these

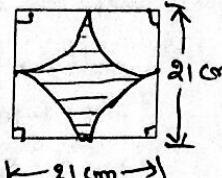
62. Curd contains acid [b]
 a. Tartaric acid b. Lactic acid c. Formic acid d. Citric acid

63. Rusting occurs in the presence of.....
 a. water b. air c. heat energy d. both water & air
64. Name the plastic used in making computer & TV cabinets
 a. Melamine b. Bakelite c. PVC d. Polyester
65. Which of the following is made from wood pulp
 a. Acrylic b. Rayon c. Wool d. Silk
66. Sodium is stored in
 a. Kerosene b. Petroleum c. Water d. Jars
67.is found in Onions, garlic, eggs
 a. sodium b. sulphur c. Silver d. None
68. The most malleable metal is
 a. Copper b. Silver e. Gold
69. The main constituent of coal is
 a. Carbon b. Oxygen c. Air d. Platinum
70. Which is not a natural resource
 a. Soil b. Water c. Petrol d. Water
71. In $\triangle XYZ$ find 'x'

MATHS

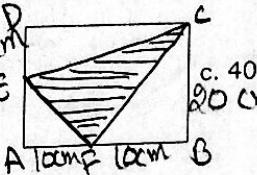


- a. 42° b. 90° c. 21°
 72. $(-2)^{x+1} \times (-2)^9 = (-2)^5$ than the value of x is
 a. 10 b. 5 c. -5 d. 180°
73. $1+3=2^2$, $1+3+5=3^2$ than $1+3+5+7+9+11+13+15+17=?$
 a. 18 b. 50 c. 81 d. 25
74. $\left(\frac{4}{3} + \frac{5}{3}\right) \times \frac{2}{5} = \frac{4}{3} \times \frac{2}{5} + \frac{5}{3} \times \frac{2}{5}$ Name the property involved in
 a. Multiplicative property b. Additive property
 c. Additive inverse d. right distribution of multiplication over addition
75. The solution for $5(p-3) = 3(p-2)+5$ is
 a. 14 b. 7 c. 20 d. 30
76. The market price of a T.V is Rs.36,000/- . If it is sold at 30% discount there is a loss of 4% than its Cost is a loss
 a. 2625 b. 25650 c. 18250 d. 120650
77. Find the area of Shaded region



- a. 90.5cm^2 b. 92.5cm^2 c. 94.5cm^2 d. 54.9cm^2
 78. Which of the following is not a perfect square numbers
 a. 361 b. 484 c. 793 d. 927
79. The present age of Vijaya's mother is 3 times. The present age of Vijaya after 4 years. The sum of their ages of Vijaya and Vijaya's mother respectively
 a. 48,16 b. 16,48 c. 20,60 d. 60,20
80. Simplified form of $(4 \times 10^4) + (5 \times 10^3) + (2 \times 10^2) + (6 \times 10^1) + (7 \times 10^0) + (3 \times 10^{-2}) + (1 \times 10^{-3})$ is []
 a. 45267.301 b. 52467.31 c. 45267.31 d. 45267.0031
81. Find a number which when multiplied by 7 and then reduce by 3 is equal to 53
 a. 7 b. 8 c. 10 d. 15
82. $\sqrt{81} + \sqrt{x} = 15$, $x=?$
 a. 25 b. 36 c. 49 d. 64

83. In figure ABCD find the area of shaded region
 a. 800cm^2 b. 160cm^2 c. 400cm^2 d. 640m^2



84. $\sqrt{400 - \sqrt{200 - \sqrt{16}}} = ?$
 a. 6 b. 13 c. 14 d. 10
85. $\frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{2}}}}$ find the value?
 a. $\frac{2}{8}$ b. $\frac{5}{8}$ c. $\frac{1}{2}$ d. $\frac{3}{8}$

86. 40% of 30 F valve 9 then find the number
 a. 557 b. 575 c. 756 d. 775
87. $x:y = 3:4$ then $4x+5y : 5x-2y =$
 a. 15:7 b. 9:3 c. 32:7 d. 7:32
88. $(-5)^{-1}$ which number multiplied the required product is becomes $(10)^{-1}$
 a. $\frac{7}{10}$ b. $\frac{5}{10}$ c. $\frac{-10}{5}$ d. $\frac{-9}{10}$

89. Raju walks $1\frac{1}{4}$ meters in 1 second. How much distance he walked in 30 minutes
 a. 1356 meters b. 1750 meters c. 1500 meters d. 2250 meters
90. The number of a fraction is less than the denominator if 1 is added to both its numerator and Denominator it becomes $1/3$ find the fraction.
 a. $\frac{3}{7}$ b. $\frac{8}{3}$ c. $\frac{2}{5}$ d. $\frac{3}{11}$

N.M.M.S Practice Test

Part-I : Mental Ability Test

Directions: Questions (I to 10) : In the number series given below, one number is missing. Each series is followed by five alternatives (1), (2), (3), (4) and (5). One of them is right answer. Indicate it as per the "Instructions".

1. 47, 39, 31, 23, 15
2. 3, 5, 12, 14, 21, 23,
3. 4, 8, 16, 32, 64, 128,
4. 2187, 729, 243, 81, 27
5. 692, 560, 428,
6. 0, 3, 8, 15, 24,
7. 6, 6, 12, 36, 144,
8. 8, 19, 30, 41, 52,
9. 12, 32, 72, 152, , 632
10. 897, 786, 675, 166, 453

Ans: 1. 25	2. 5	3. 15	4. 8	5. 11
Ans: 1. 25	2. 28	3. 32	4. 15	5. 30
Ans: 1. 336	2. 192	3. 156	4. 356	5. 256
Ans: 1. 27	2. 9	3. 18	4. 3	5. 36
Ans: 1. 518	2. 318	3. 206	4. 296	5. 108
Ans: 1. 24	2. 34	3. 45	4. 25	5. 35
Ans: 1. 720	2. 740	3. 702	4. 556	5. 656
Ans: 1. 53	2. 63	3. 73	4. 43	5. 83
Ans: 1. 515	2. 613	3. 312	4. 815	5. 413
Ans: 1. 564	2. 510	3. 575	4. 565	5. 664

Directions: Questions (II to 15) : These are based on letter analogy.

11. CF : IL :: OR : ?
12. DEF : JKL :: OPQ : ?
13. ZYX : ABC :: WUV : ?
14. BDE : IJK :: NPA : ?
15. XVT : RPN :: LTH : ?

Ans: 1. Vy	2. Wz	3. Uy	4. UX	5. Vx
Ans: 1. STU	2. TUV	3. VWX	4. XYZ	5. UVW
Ans: 1. EFG	2. FGH	3. DEF	4. EDF	5. FED
Ans: 1. UWX	2. UVH	3. VWX	4. UWY	5. XYZ
Ans: 1. DBF	2. FDB	3. ECA	4. DBA	5. ECB

Directions: In the following questions, letters are arranged in a particular order with from the given alternatives.

16. A, C, F, J, O,
17. A, D, G, J, ,
18. B, G, K, N,
19. Z, W, T, A, N,
20. BC, FG, JK, , RS
21. A, CD, GHI, , UVWXY
22. ZYVU, TSPD, NMJI,
23. EFGH, FGHI, GHIJ, IJKL Ans: 1. IJKL
24. W, UT, RQP, NMLK,
25. YB, WD, UF, SH, , OL

Ans: 1. x	2. W	3. v	4. y	5. u
Ans: 1. M, N	2. N, P	3. N, O	4. M, P	5. M, L
Ans: 1. Q	2. P	3. R	4. O	5. S
Ans: 1. IJ	2. L, I	3. K, I	4. L, H	5. K, H
Ans: 1. NO	2. ON	3. MN	4. OP	5. NQ
Ans: 1. LMNO	2. NOPQ	3. MNOP	4. MNO	5. LMNO
Ans: 1. HFQB	2. HGFE	3. GFHE	4. GHDC	5. HGDC
Ans: 1. IJKL	2. ILJK	3. HIJK	4. HKIK	5. HKJI
Ans: 1. IHFGE	2. IHEFG	3. HGFED	4. JIHGE	5. IHGFE
Ans: 1. QI	2. QT	3. QL	4. JA	5. RJ

Directions :- (26 to 30) : In each of these questions, five words are given. if they are arranged in the alphabetical order as in a dictionary. Find out word which comes first.

26. 1. Winter
2. Wing
3. Winning
4. Windmill
5. Window
27. 1. Couple
2. Counsel
3. Council
4. Cousin
5. Courage
28. 1. ready
2. reading
3. realise
4. reality
5. real
29. 1. ground
2. grocer
3. groove
4. gross
5. groan
30. 1. Parachute
2. Paraffin
3. parade
4. paradox
5. paradise

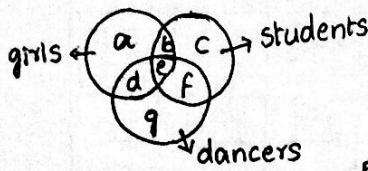
Directions :- Questions (31 to 40) : In each of these following questions, five words are given. Four of these are alike in some manner, and one is different from them. Choose this odd word. After identifying it, indicate it as per the "Instructions".

31. 1. Rabindra Nath Tagore 2. C.V Raman 3. A.P.J Abdul Kalam 4. Mother Teresa 5. Amartya Sen
32. 1. Ahmadabad 2. Nagapur 3. Kanpur 4. Itanagar 5. kozhikode
33. 1. Brazil 2. Paraguay 3. Argentina 4. Chile 5. Canada
34. 1. Potato 2. Orange 3. Mango 4. Banana 5. Grape
35. 1. Table 2. Chair 3. Almark 4. Bench 5. Jug
36. 1. State Bank of India 2. Andhra Bank 3. Indian Bank 4. Canara Bank 5. Axis Bank.
37. 1. Deer 2. Cow 3. Eagle 4. Cat 5. Goat
38. 1. Axe 2. Sword 3. knife 4. Shovel 5. Saw
39. 1. Mustard 2. Sesame 3. Corn 4. Olive 5. Onion
40. 1. Stereo 2. Transister 3. Television 4. Radio 5. Loud Speaker
- Directions :- (41 to 45) : There is a certain relationship between two given words on the one(left) side of :: and one word is given on the other side of :: while another word is given to be found from the five given alternatives, such that similar relation exists in the second pair. Identify the right answer and indicate as per the "Instructions".
41. Botany :: Plants :: Entomology : ? 1. Snakes 2. Insects 3. Birds 4. Germs 5. Bacteria
42. Menu :: Food :: Catalogue : ? 1. Rack 2. News paper 3. Library 4. Books 5. Cinema
43. Kandla :: Gujarat :: Cochin : ? 1. kerala 2. Tamil Nadu 3. Orissa 4. Punjab 5. Goa
44. Tree :: Forest :: Grass : ? 1. Field 2. Lawn 3. Garden 4. Farm 5. ground
45. Flower :: Rose :: Mammal : ? 1. Hen 2. Sparrow 3. Cobra 4. Cow 5. eagle

Directions :- Questions (46 to 50) : These are based on the following diagrams.

1. 2. 3. 4. 5.
46. Elephants , Wolves , Animals
47. English , Latin , Hindi
48. School , Teacher , Student
49. Polygon , Rectangle , Square
50. Singer , Writer , Actor

Directions :- Questions (51 to 56) : with the help of the diagram given below, answer the following questions making the right choice from the given alternatives. Indicate the answers as per the Instructions. 51. Which letter represents dancers who are girls but not students?



1. d 2. b 3. c 4. e 5. f

52. Which letter represents girls who are both students and dancers?

1. a 2. e 3. g 4. f 5. b

53. Which letter represents students who are girls but not dancers?

1. e 2. c 3. d 4. a 5. b

54. Which letter represents students who are neither girls nor

1. b 2. a 3. d 4. c 5. e

55. Which letter represents girls who are ~~not~~ neither students nor dancers?

1. c 2. b 3. a 4. d 5. e

Directions :- (56 to 60) A is coded as 1 , B is coded as 2 , and so on.

56. H G E I F - 1. 87569 2. 87596 3. 87965 4. 87696 5. 78596
57. C A I F D - 1. 31694 2. 31649 3. 31946 4. 31964 5. 13964
58. G C B H E - 1. 73258 2. 73286 3. 73285 4. 73275 5. 73255
59. F D C A I - 1. 64319 2. 64391 3. 64913 4. 64931 5. 64819
60. E D F ^I A - 1. 54619 2. 45691 3. 54196 4. 54169 5. 54691

యూచర్ పత్రాలు : HOSTEL ను 814572 గాసు, LATER 26573 గాసు కెడింగ్ చేసినపుడు అదే పద్ధతిలో ఈ కెడింగ్ కెడింగ్ లో ఉండాలని సరియైన సమాధానాలు గుర్తొచ్చి "Instructions" ఎఱి చెట్టునట్టుగా సూచించండి.

61. ROAST	-	1. 31645	2. 31654	3. 13645	4. 31546	5. 31564
62. STEEL	-	1. 45727	2. 45211	3. 45711	4. 45711	5. 54712
63. LATE	-	1. 1657	2. 2657	3. 2667	4. 2675	5. 2685
64. LETTER	-	1. 56357	2. 175537	3. 275537	4. 215573	5. 275572
65. TASTE	-	1. 56358	2. 56485	3. 56547	4. 56475	5. 56457

యూచర్ పత్రాలు 67 నుండి 76 వరకు) : కెడింగ్ బ్రెక్యూలు గటిట సూచిల్డ్ డిఫారంట్ ఎన్నాలి. కి సమస్థిలను సాధించి సరియైన సమాధానాలను గుర్తొచ్చి ఎన్నాలి. కి సమస్థిలను సాధించి సమాధానాలను గుర్తొచ్చి ఎన్నాలి.

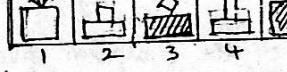
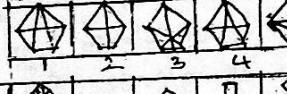
'Instructions' ఎఱి చెట్టునట్టుగా సూచించండి.	1. 25623	2. 34378	3. 25622	4. 15622	5. 24622
66. $6879 + ? = 32501$	1. 8618	2. 8648	3. 8658	4. 8628	5. 8638
67. $7+7777+77+77=$	= 1. -16	= 2. 16	= 3. 25	= 4. 36	= 5. 9
68. $(9-13)^2$	= 1. 231	= 2. 313	= 3. 33	= 4. 303	= 5. 330
69. $\frac{2727}{9}$	= 1. 75.1	= 2. 75.6	= 3. 76.1	= 4. 65.1	= 5. 67.1
70. $\frac{75 \times 6 + 0.6}{1000}$	= 1. 10	= 2. 20	= 3. 30	= 4. 40	= 5. 50
71. $25\% \text{ of } 80$	= 1. 49	= 2. 82	= 3. 64	= 4. 9	= 5. 81
72. $\sqrt{86} + \sqrt{x} = 15, x$	= 1. 0.73	= 2. 0.073	= 3. 0.0073	= 4. 0.00073	= 5. 73
73. $\frac{73}{1000}$	= 1. 67	= 2. 119	= 3. 129	= 4. 57	= 5. 109
74. $93 - (27-53)$	= 1. 0.275	= 2. 0.0275	= 3. 0.00275	= 4. 2.75	= 5. 0.000275
75. 0.275×0.010	= 1. 0.275	= 2. 0.0275	= 3. 0.00275	= 4. 2.75	= 5. 0.000275

యూచర్ పత్రాలు : (76 నుండి 79) ఈ కెడింగ్ (అప్పులు), (1), (2), (3) అన్ని పటాల మధ్య ఒక వ్యక్తిను సంఘాటకములు అనే వ్యక్తి అనే వ్యక్తి అనే వ్యక్తిను సంఘాటకములు ఉండాలి. ఈ భాగాగా ఉపాయి. జవాబు పటాల సూచి అన్ని (C), (D) పటాల వ్యక్తి అనే వ్యక్తిను సంఘాటకములు ఉండాలి. ఈ భాగాగా ఉపాయి. జవాబు పటాల సూచి అన్ని (A), (B) పటాల వ్యక్తి అనే వ్యక్తిను సంఘాటకములు ఉండాలి.

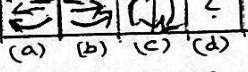
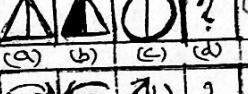
PROBLEM FIGURE



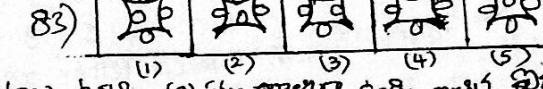
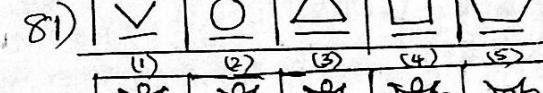
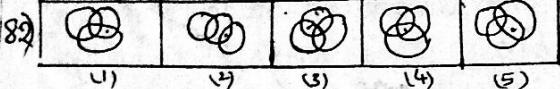
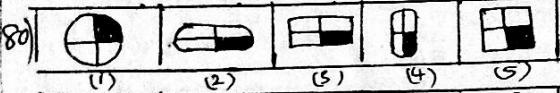
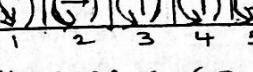
ANSWER FIGURE



PROBLEM FIGURE

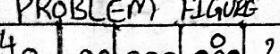


ANSWER FIGURE



యూచర్ పత్రాలు : (84 నుండి 87) ఈ కెడింగ్ (అప్పులు) ఉండాలని పటాల మధ్య ఉపాయి. జవాబు పటాల సూచి అన్ని (A), (B), (C), (D) పటాల వ్యక్తిను సంఘాటకములు ఉండాలి. ఈ భాగాగా ఉపాయి.

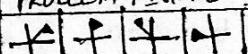
PROBLEM FIGURE



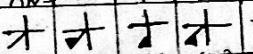
ANSWER FIGURE



PROBLEM FIGURE

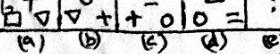


ANSWER FIGURE

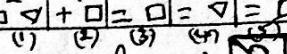


యూచర్ పత్రాలు : (88-90) ప్రతి అప్పులు ఒక పటాల మధ్య ఉపాయి. జవాబు పటాల సూచి అన్ని (A), (B), (C), (D) పటాల వ్యక్తిను సంఘాటకములు ఉండాలి.

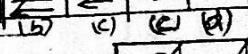
PROBLEM FIGURE



ANSWER FIGURE



PROBLEM FIGURE

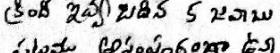


ANSWER FIGURE



యూచర్ పత్రాలు : (88-90) ప్రతి అప్పులు ఒక పటాల మధ్య ఉపాయి. జవాబు పటాల సూచి అన్ని (A), (B), (C), (D) పటాల వ్యక్తిను సంఘాటకములు ఉండాలి.

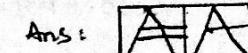
PROBLEM FIGURE



ANSWER FIGURE



PROBLEM FIGURE

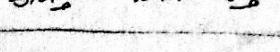


ANSWER FIGURE



యూచర్ పత్రాలు : (88-90) ప్రతి అప్పులు ఒక పటాల మధ్య ఉపాయి. జవాబు పటాల సూచి అన్ని (A), (B), (C), (D) పటాల వ్యక్తిను సంఘాటకములు ఉండాలి.

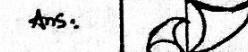
PROBLEM FIGURE



ANSWER FIGURE



PROBLEM FIGURE



ANSWER FIGURE

