

## LAB ASSISTANT

Exam Conducted on 4-11-2006

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- Who was the first King Presided the court of Kanauj?  
(a)Samudra Gupta (b)Chandra Gupta (c)Harsha (d)Kanishka
- Which is the midlayer of the earth?  
(a)Sail (b)Sima (c)Core (d)Mantle
- The Himalayan Mountain is made up of  
(a)Instrusive rocks (b)Extrusive rocks (c)Sedimentary rocks  
(d)Metamorphic rocks
- The most prominent distributory of Ganga river  
(a)Yamuna (b)Ram Ganga (c)Gomati (d)Hoogly
- The Leader who is known as the 'Grand Old Man of India'  
(a)Sardar Vallabhai Patel (b)Dadabhai Naoroji  
(c)Balgangadhar Tilak (d)Bipin Chandrapal
- The Southern most part of India  
(a)Sri Lanka (b)Palk Strait  
(c)Maldiva (d)Nicobar Group of Island
- The headquarters of the Theosophical Society in India.  
(a)Nagercoil (b)Adayar (c)Madura (d)Trichy
- Which is not a port on the West coast of India  
(a)Paradeep (b)Marmagao (c)Mangalore (d)Kandla
- In which year the University of Travancore was established?  
(a)1935 (b)1937 (c)1939 (d)1941
- The state which is the leading producer of mica  
(a)Jharkhand (b)Orissa  
(c)Rajasthan (d)Madhya Pradesh
- Which of the following diseases are sexually transmitted?  
(a)AIDS (b)Gonorrhoea (c)Syphills (d)All of these
- On 27th May 2006, a strong earthquake hit close to  
(a)Mount Kilimanjaro (b)Mount Merapi  
(c)Vesuvius (d)Barren Island
- The year in which the postal stamp was introduced first  
(a)1840 (b)1845 (c)1850 (d)1855
- Which type of lens is used in the case of 'Astigmatism' to get the correct vision?  
(a)Converging lens (b)Diverging lens (c)Cylindrical lens (d) Bi-focal lens
- What is the total number of constellation identified till now by human beings?  
(a)48 (b)58 (c)78 (d)88
- The highest railway bridges is built across the river.  
(a)Jhelum (b)Chenab (c)Beas (d)Ravi
- Which of the following is a controversial film for display?  
(a)The Great Escape(b)Hamlet (c)Davinchi Code(d)Casino Royale
- What is the chemical formula of bleaching powder?  
(a)NaHCO<sub>3</sub> (b)Ca<sub>3</sub>(PO<sub>4</sub>)<sub>2</sub> (c)Na<sub>2</sub>CO<sub>3</sub>·10H<sub>2</sub>O (d) CaOCl<sub>2</sub>
- Barkhans are land forms of  
(a)Wind erosion (b)wind deposition  
(c)glacial depostion (d)coastal erosion
- 'Plum Pudding' model of atom is prepared by  
(a)Albert Einstein (b)Rutherford  
(c)Alexander Fleming (d)Niels Bohr
- An example for non-renewable source of energy

- (a)Solar energy      (b)Petroleum      (c)Biomass      (d)Water power
22. In which country the G-8 summit of 2005, held?  
 (a)Canada      (b)Iceland      (c)Scotland      (d)Greenland
23. In south India, Jainism was spread by  
 (a)Kharavela      (b)Upali      (c)Rudradaman I(d)Bhadrabahu
24. The people of which country have longest life span  
 (a)China      (b)Japan      (c)England      (d)America
25. Which is not a source of Carbohydrate?  
 (a)Fish      (b)Butter      (c)Cheese      (d)Potato
26. Who translated Bhagavat Gita into Persian Language?  
 (a)Abdul Fazal      (b)Dara      (c)Dadu      (d)Balban
27. The second highest mountain peak in the world  
 (a)Kanchenjunga      (b)Nagaparbhad      (c)Nanda devi      (d)Godwin Austin
28. The author of the book 'Gandhi - Life and Thought'  
 (a)V.D. Savarkar      (b)J.B. Kripalani  
 (c)Jawaharlal Nehru      (d)R.K. Laxman
29. The creature in which the external fertilization takes place  
 (a)bird      (b)dog      (c)cat      (d)frog
30. Which country won gold in Men's Hockey in Bangkok Asian games, 1998?  
 (a)India      (b)South Korea      (c)Pakistan      (d)Japan
31. The Pallivasal Hydro electric System was commissioned during the reign of  
 (a)Marthanda Varma      (b)Dharma Raja  
 (c)Sri Mulam Tirunal      (d)Sri Chitira Tirunal Balarama Varma
32. Name the author of the novel. The Ambassador?  
 (a)Joyce Cary      (b)E.M. Foster      (c)Henry James      (d)Hadley Chase
33. Which element is not present in fats?  
 (a)Nitrogen      (b)Sulphur      (c)Carbon      (d)Hydrogen
34. Who is known as the father of American Football?  
 (a)Bob Cousy      (b)Water Camp  
 (c)James Corbett      (d)Charles W.Brown
35. The most densely populated country in the world  
 (a)India      (b)China      (c)Japan      (d)Pakistan
36. How many ways can a batsman lose his wicket?  
 (a)5      (b)10      (c)15      (d)20
37. Corundum is a mineral of:  
 (a)Calcium      (b)Gold      (c)Iron      (d)Aluminium
38. The state which is the largest producer of tea in India:  
 (a)Tamil Nadu      (b)Assam      (c)Kerala      (d)Karnataka
39. Which of the following is issued by the President when the Parliament is not in Session?  
 (a)Ordinances      (b)Rules      (c)Statutes      (d)Proclamation
40. The strength of the Council of Ministers is fixed by the:  
 (a)Governor      (b)Chief Minister      (c)Parliament      (d)Constitution
41. Neutron was discovered by:  
 (a)J.J. Thompson      (b)Rutherford      (c)Bohre      (d)Chadwick
42. Which of the following principle is made use of in the working of an atom bomb?  
 (a)Thermionic emission      (b)Nuclear fusion  
 (c)Nuclear fission      (d)Transmutation
43. 'Palaeontology' is the study of:  
 (a)Fossils      (b)Bones      (c)Animals      (d)Birds
44. Amylase acts upon  
 (a)Lipids      (b)Oils      (c)Starch      (d)Glucose
45. The active cell division in a plant is found in the:  
 (a)tips of roots and shoot      (b)pith cells

- (c)Cells cortex (d)internodal region
46. Which among the following is the antisterility vitamin?  
(a)B (b)C (c)D (d)E
47. In which year the Indian National Congress was formed?  
(a)1811 (b)1858 (c)1885 (d)1895
48. The leader of Cochin who fought with Velu Thampi Dalwa against the British:  
(a)Kunhali Maracker(b)Paliath Achan (c)Pazhassi Raja(d)Chirakkal Raja
49. Who was the author of the book 'Sathyartha Prakash'  
(a)Swami Dayananda Saraswathi (b)Rajaram Mohan Roy  
(c)Swami Vivekananda (d)Ramakrishna Paramahansa
50. The first Viceroy of British India:  
(a)Lord Cornwallis (b)Lord Ripon  
(c)Lord Canning (d)Lord Dalhousie
51. It has been raining ..... last night  
(a)for (b)at (c)since (d)till
52. The price of petrol is higher than:  
(a)diesel (b)the diesel (c)of diesel (d)that of diesel
53. No sooner had she heard the sad news ..... she burst into tears  
(a)when (b)before (c)than (d)then
54. They discussed..... the border issue at the summit  
(a)about (b)of (c)against (d)none
55. I would resign If I ..... you  
(a)am (b)was (c)were (d)had
56. Dessert means:  
(a)sand covered large area of barren land(b)sweet savoy confection  
(c)abandon (d)detailed study
57. The opposit of the word Sympathy  
(a)Agathy (b)Pride (c)Angry (d)Pity
58. The dacoits ..... to the police after much resistance  
(a)gave up (b)turned down (c)gave in (d)passed away
59. The President A.P.J. Abdul Kalam ..... the nation to stand united in the fight against terrorism  
(a)called on (b)called at (c)called off (d)called upon
60. Never look a gift horse:  
(a)in the mouth (b)in the park (c)in the zoo (d)in the stable
61. Be careful when you ride on a bike .....?  
(a)won't you (b)did you (c)didn't you (d)aren't you
62. The passive voice of 'He made his wife do the work'.  
(a)His wife was making to do the work (b)His wife was made to do the work  
(c)His wife was done the work (d)His wife was made doing the work
63. The feminine gender of horse is:  
(a)Cow (b)Lass (c)Hind (d)Mare
64. Find out the wrongly spelt word:  
(a)Zealous (b)Committee (c)Souvenior (d)Allotted
65. That house ..... to peter.  
(a)belongs (b)is belonging to  
(c)is belonged to (d)was belonged to
66. He is ..... going near an elephant  
(a)afraid to (b)afraid of (c)feared (d)fearing
67. The older we grow:  
(a)the wiser we become (b)wiser we become  
(c)the wisest we become (d)we grow wiser
68. The teacher asked Ravi:  
(a)whether he saw the exhibition (b)whether he had seen the exhibition

- (c)whether had he seen the exhibition      (d)whether he will see the exhibition
69. We shall wait here:  
 (a)until you return                              (b)untill you will return  
 (c)until you returned                            (d)until you had returned
70. Neither of the two speakers ..... eloquent.  
 (a)were                      (b)had                      (c)was                      (d)being
71. If  $3^{x-y} = 27$  and  $3^{x+y} = 243$  then  $x$  is :  
 (a)0                      (b)2                      (c)4                      (d)6
72. If  $f(x) = 5x^2 - 3x + 2$  and  $g(x) = 2x^2 - 2x - 2$  then  $f(2) - g(-2)$  is:  
 (a)2                      (b)4                      (c)6                      (d)18
73. The least number which is to be added to make 7399 a perfect square is:  
 (a)170                      (b)151                      (c)27                      (d)0
74. Number of terms common to the two arithmetic progressions 5, 10, 15, ..... 315 and 4, 8, 12, ..... 604 is:  
 (a)13                      (b)14                      (c)15                      (d)16
75. Mean weight of  $m$  boys is 43 kg. If the teacher who weighs 63 kg is included the mean becomes 45 kg. What is the value of  $m$ ?  
 (a)6                      (b)7                      (c)8                      (d)9
76. Cardiologist-Heart : : Dermatologist?  
 (a)Dream                      (b)Diabetes                      (c)Skin                      (d)Infertility
77. Book is to read as Piano is to:  
 (a)Music                      (b)Play                      (c)Sing                      (d)Song
78.  $\frac{1}{2} : \frac{1}{4} :: \frac{1}{6} :$   
 (a)  $\frac{1}{8}$                       (b)  $\frac{1}{12}$                       (c)  $\frac{1}{24}$                       (d)  $\frac{1}{48}$
79. If smell means taste, taste means hear, hear means see and see means smell then what is ears used for?  
 (a)smell                      (b)hear                      (c)taste                      (d)see
80. If  $P < Q$  means  $P$  is smaller than  $Q$  and  $M > N$  means  $M$  is greater than  $N$  then what does  $A < B < C$  means?  
 (a) $A$  is greater than  $B$  and  $C$                       (b) $B$  is greater than  $A$  and less than  $C$   
 (c) $B$  is greater than  $A$  and  $C$                       (d) $B$  is less than  $A$  and  $C$
81. Carpenter is related to furniture, in the same way Goldsmith is related to:  
 (a)Ornaments                      (b)Necklace                      (c)Chain                      (d)Bangles
82. Find the related word  
 Thunder : Rain : : - : Night  
 (a)Day                      (b)Dark                      (c)Dusk                      (d)Evening
83. Find the pair which is differently related in comparison with the others:  
 (a)Labourer: Industry                      (b)Teacher: Classroom  
 (c)Driver : Vehicle                      (d)Doctor : Patient
84. From the group of letters one is different from others. Find it out:  
 (a)DgP                      (b)MsP                      (c)DiG                      (d)AsP
85. Which one does not follow the pattern?  
 (a)  $\frac{5}{2}$                       (b)  $\frac{10}{3}$                       (c)  $\frac{17}{4}$                       (d)  $\frac{24}{5}$
86. Insert the missing number:  
 5, 11, 21, 43, .....  
 (a)85                      (b)86                      (c)87                      (d)88
87. Insert the missing letters:..... ywu, qom, ige  
 (a)jhg                      (b)rpq                      (c)wus                      (d)mlj
88. If VENU is coded as E2122N then NEAT is coded as:  
 (a)E2014A                      (b)E1420A                      (c)A1420E                      (d)A2014E

89. Showing a lady in the park Kumar said, “She is the daughter of my grand father ’s only son”. How is Kumar related to the lady?  
 (a)Father (b)Daughter (c)Brother (d)Aunt
90. Mini tore out several successive pages from a book. Number of the first page she tore out is 385. It is known that the number of the last page which she tore out is with the same digits in some other order. How many pages did she remove from the book?  
 (a)154 (b)253 (c)469 (d)451
91. If September 14 is Friday, how many Saturdays and Sundays will that month have?  
 (a)4, 4 (b)5, 4 (c)4, 5 (d)5,5
92. Calendar is to date as Atlas is to:  
 (a)Jewellery (b)Map (c)Earth (d)Globe
93. A man walks 30 metres towards South. Then turning to his right he walks 30 meters. Then turn to his left and walks 20 metres. Again take a turn to his left and walks 30 metres. How far is he from his initial position?  
 (a)20 metres (b)50 metres (c)60 metres (d)80 metres
94. Fill in the blank as per the sequence: PLANETARIUM, LANERAUIM, ANEUAMI(a) NEMAI (b) NEAIM (c)NEUMI (d)NEMIA
95. In a group of six person F is richer than E but not as rich as A. B is richer than C and D but not as rich as A E is richer than D. E and C are equally rich. Who is the poorest among them?  
 (a)Data inadequate (b)C (c)E (d)D
96. A metal block having sides 10 cm, 15cm, 30cm has cut into equal cubes. If the block is exhausted completely what will be the least possible number of cubes?  
 (a)12 (b)24 (c)30 (d)36
97. If  $aX = bY = cZ$  then  $X : Y : Z$  is:  
 (a)bc:ca:ab (b)ab:bc:ca (c)a:b:c (d)b:c:a
98. Two poles of height 10m and 15m stand on a plane ground. If the distance between their feet is 12m distance between their feet is 12m the distance between their top is:  
 (a)5m (b)12m (c)12.5m (d)13m
99. If  $13x - 10 > 5$  then  
 (a) $x < 5, x > 5/3$  (b) $x \geq 5, x \leq 5/3$  (c) $x < -5, x > 5/3$  (d) $x < -5, x > -5/3$
100. Find the empty set:  
 (a) $\{x : x = x\}$  (b) $\{x : x \frac{4}{4} x\}$  (c) $\{x : x = x\}$  (d) $\{x : x \frac{4}{4} x^3\}$

## Answers

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- |        |        |        |          |        |        |
|--------|--------|--------|----------|--------|--------|
| 1. (c) | 2. (d) | 3. (c) | 4. (a)   | 5. (b) | 6. (d) |
| 7. (b) | 8. (a) | 9. (b) | 10.(a)   | 11.(d) | 12.(b) |
| 13.(a) | 14.(c) | 15.(d) | 16.(b)   | 17.(c) | 18.(d) |
| 19.(b) | 20.(b) | 21.(b) | 22.(c)   | 23.(a) | 24.(b) |
| 25.(a) | 26.(b) | 27.(d) | 28.(b)   | 29.(d) | 30.(a) |
| 31.(d) | 32.(c) | 33.(b) | 34.(b)   | 35.(c) | 36.(a) |
| 37.(a) | 38.(b) | 39.(a) | 40.(d)   | 41.(d) | 42.(c) |
| 43.(a) | 44.(c) | 45.(a) | 46.(d)   | 47.(c) | 48.(b) |
| 49.(a) | 50.(c) | 51.(c) | 52.(d)   | 53.(c) | 54.(a) |
| 55.(c) | 56.(b) | 57.(a) | 58.(a)   | 59.(d) | 60.(a) |
| 61.(a) | 62.(b) | 63.(d) | 64.(c)   | 65.(a) | 66.(b) |
| 67.(a) | 68.(a) | 69.(a) | 70.(c)   | 71.(c) | 72.(c) |
| 73.(a) | 74.(c) | 75.(d) | 76.(c)   | 77.(b) | 78.(b) |
| 79.(c) | 80.(d) | 81.(a) | 82.(c)   | 83.(d) | 84.(c) |
| 85.(d) | 86.(a) | 87.(c) | 88.(a)   | 89.(c) | 90.(a) |
| 91.(d) | 92.(b) | 93.(b) | 94.(a)   | 95.(d) | 96.(d) |
| 97.(a) | 98.(d) | 99.(b) | 100. (b) |        |        |