

1.

Match the following.				
	Forest Products		States	
a	Timber Wood	1	Andhra Pradesh	
b	Cane	2	Jammu Kashmir	
c	Bamboo	3	Madhya Pradesh	
d	Gums	4	Karnataka	
	a	b	c	d
A.	2	4	3	1
B.	2	4	1	3
C.	4	2	1	3
D.	4	2	3	1

2.

The ascending order of $\sqrt{2}$, $\sqrt[3]{4}$ and $\sqrt[4]{6}$?	
A.	$\sqrt{2}, \sqrt[3]{4}, \sqrt[4]{6}$
B.	$\sqrt[4]{6}, \sqrt[3]{4}, \sqrt{2}$
C.	$\sqrt{2}, \sqrt[4]{6}, \sqrt[3]{4}$
D.	$\sqrt[4]{6}, \sqrt{2}, \sqrt[3]{4}$

3. The median and mode of a frequency distribution of height of 1000 students are 139.69 cms and 140.05 cms respectively. The mean height of students is _____ cms.

1) 138.50

2) 142.75

3) 156.55

~~4) 139.51~~

8. Find the amount of expenditure when the total salary is Rs. 72000/- per month.

A pie chart representing the distribution of a total salary of Rs. 72,000 per month. The chart is divided into three sectors: 'Savings' with a central angle of 35°, 'Food' with a central angle of 110°, and 'Other expenditure' with a central angle of 215°. The sectors are separated by thin white gaps.

A.	43000/-
B.	7000/-
C.	65000/-
D.	22000/-

9. The value of $(.00243)^{25} + (.0256)^{34}$ is :

- 1) 0.154
- 2) 0.164
- 3) 0.176
- 4) 0.168

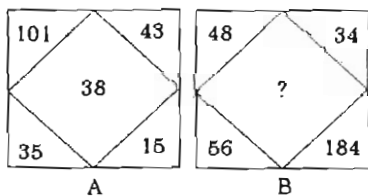
10. Assertion (A) : A sequence of commands which solves a problem is called an algorithm.

Reason (R) : A diagrammatic representation of an algorithm is called a flowchart.

Select your answer from :

- 1) Both (A) and (R) are true and (R) is correct explanation of (A).
- 2) Both (A) and (R) are true and (R) is not correct explanation of (A).
- 3) (A) alone is true
- 4) (R) alone is true

11. If same patterns of operations are followed in both the diagrams below then the missing number is :



A.	127
B.	142
C.	158
D.	198

12. The radius of a circle is increased by 1 %. What is the increased percentage in its area ?

- 1) 1.1 %
- 2) 1 %
- 3) 2 %
- 4) 2.01 %

27. **Double fertilization in angiosperms was discovered in 1898 by:**

- 1) Johansen
- 2) Strasburger
- 3) Nawaschin
- 4) Treub

28. **The source of oxygen evolved during photosynthesis was definitely proved by -**

- 1) Ruben and Kamen
- 2) Hill
- 3) Blackman
- 4) Briggs

29. **Which of the following has no membrane?**

- 1) Vacuole
- 2) Lysosome
- 3) Nucleolus
- 4) Endoplasmic reticulum

30. **Acromegaly is related with:**

- 1) Hyper secretion of thyroid stimulating hormone
- 2) Hyper secretion of growth hormone after puberty
- 3) Hyper secretion of growth hormone before puberty
- 4) Hyper secretion of thyroxine

31. **In circumstances of great stress, strain and emotional upheaval adrenalin is secreted because.**

I. It increases the conversion of glycogen to glucose to provide quick available energy.

II. It increases blood flow to circulate glucose.

III. It dilates the blood vessels for easy and fast flow of blood.

- 1) All the three are correct
- 2) All the three are incorrect
- 3) Only (I) is correct
- 4) Only (II) is correct

32. **What is the cause for fraternal twins ?**

- 1) Two sperms fertilize a single egg
- 2) Two eggs are simultaneously fertilized by two sperms
- 3) The zygote divides into two and develops
- 4) The egg divides into two before fertilization

33. Match Column I with column II and choose the correct answer.

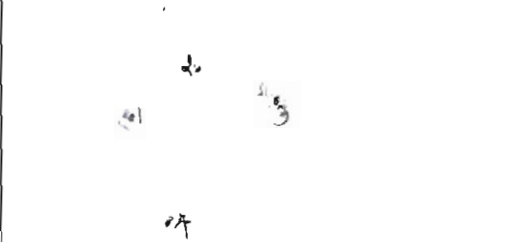
i. Bright disease	a. Excessive levels of urea in blood
ii. Gout	b. Inflammation of urinary bladder
iii. Cystitis	c. Inflammation of glomeruli of kidney
iv. Uremia	d. Excessive level of uric acid in blood

	i	ii	iii	iv
A.	b	a	d	c
B.	d	c	a	b
C.	c	d	b	a
D.	d	c	b	a

34. Which one of the following is INCORRECT?

- 1) Velvador - Gujarat
 2) Sirohi - Manipur
 3) Chandoli - Karnataka
 4) Intaki - Nagaland

35. Find out the correct sequence of location of -



Sanctuaries as given in the map

	1	2	3	4
A.	Manas - Valley of flowers - Marine - Periyar			
B.	Marine - Manas - Valley of flowers - Periyar			
C.	Marine - Valley of flowers - Manas - Periyar			
D.	Marine - Valley of flowers - Periyar - Manas			

36. Which of the following pairs are WRONGLY matched ?

- 1) Khadar - new alluvium
 2) Bhangar - older alluvium
 3) Kankar - Lime nodules
 4) Reh - Laterite Soil

37. Consider the following statements :

Assertion (A) : The North Indian rivers are perennial.

Reason (R) : The rivers rise in snowy peaks of Himalayas.

- 1) Both (A) and (R) are individually true and (R) is the correct explanation of (A)
 2) Both (A) and (R) are individually true and (R) is not the correct explanation of (A)

- 3) (A) is true but (R) is false
 4) (A) is false but (R) is true

38. Consider the following statements.
I. Red soils occupy over two thirds of the total area of Tamilnadu.
II. Parent material of Regur is from the weathered rocks of cretaceous lava
- 1) I is correct
 2) II is wrong
 3) Both I and II are correct
 4) Both are wrong

39. Match List I with List II and select the correct answer using the codes given below the lists.

List-I Volcano	List-II Country
a. Cotopaxi	1. Philippines
b. Vesuvius	2. Ecuador
c. Mayon	3. Indonesia
d. Krakatoa	4. Italy

	a	b	c	d
A.	3	1	4	2
B.	2	3	1	4
C.	4	3	2	1
D.	2	4	1	3

40. In India, what is the female literacy rate during 2011?
 1) 39.3
 2) 52.1
 3) 65.5
 4) 74.04
41. Economic growth is usually coupled with -
 1) Deflation
 2) Inflation
 3) Stagflation
 4) Hyper inflation
42. Which of the following countries are NOT members of the WTO ?
 1) Tunisia and Sudan
 2) Uganda and Afghanistan
 3) Tunisia and Uganda
 4) Afghanistan and Sudan
43. What is the Domestic Saving rate as percentage of GDP during Tenth plan?
 1) 10.2
 2) 30.8
 3) 20.3
 4) 25.2
44. The Planning Commission constituted a Task Force on employment opportunities (2001) under the chairmanship of -
 1) Dr. Montek Singh Ahulwalia
 2) Dr. S. R. Hashim
 3) S. P. Gupta
 4) None of these

45. Which of the following statements are TRUE? Main finding of the 2001 Census:
 I. The total work participation rate has shown an increasing trend from 1981
 II. Increase in work participation rate is more perceptible in rural than in urban areas.

- 1) I and II are True
 2) I is True II is wrong
 3) I and II are False
 4) I is False and II is True

46. Which of the following statement about 'KYOTO PROTOCOL' is TRUE?
 I. Binding the member countries to reduce the carbon emissions.
 II. Binding the member countries to allow free trade among member countries.

- 1) I alone is true
 2) I and II are true
 3) II alone is true
 4) I and II are false

47. The highest priority of the development of agriculture, irrigation and power was given in -

- 1) I Five Year Plan
 2) II Five Year Plan
 3) III Five Year Plan
 4) IV Five Year Plan

48. No confidence motion to be admitted in the Lower House of Parliament needs the support of -

- 1) 140 members
 2) 50 members
 3) 80 members
 4) 160 members

49. Central Vigilance Commission was set up on the recommendation of -

- 1) Appleby Report
 2) Administrative Reforms Commission of India
 3) Santhanam Committee
 4) Gorwala Report

50. Match List-I with List-II and select the correct answer by using the codes given below the list.

	List-I		List-II	
	a. Comptroller and Auditor General of India	b. Audit Reports	1. Articles 172	2. Articles 148
	c. Duration of state legislature	d. Appointment of Governor	3. Articles 153	4. Articles 151
	A	B	C	D
A.	2	3	1	4
B.	2	4	1	3
C.	3	4	2	1
D.	3	2	1	4

51. **The 98th Constitutional Amendment Bill is related to which one of the following ?**
- 1) The demarcation of new boundaries between states 2) Empowering the Centre to levy and appropriate service tax
- 3) The constitution of the National Judicial Commission 4) Readjustment of electoral constituencies on the basis of population Census 2001

52. Match List - I with List - II and select correct answer by using the codes given below the lists :

List - I		List - II	
a. No confidence motion		1. Executive control	
b. Budget		2. Judicial control	
c. Mandamus		3. Legislative control	
d. Lokavuktas		4. Citizen's control	

	a	b	c	d
A.	3	1	2	4
B.	3	1	4	2
C.	2	1	4	3
D.	4	2	1	3

53. **Which one of the following is in the concurrent list of the Constitution of India ?**
- 1) Treasure trove 2) Population control and family planning
- 3) Public health and sanitation 4) Capitation taxes
54. **In case of any differences between the two houses of Parliament on an ordinary bill the same is resolved by -**
- 1) The Speaker of the Lok Sabha 2) A Joint Committee of the two houses
- 3) The President 4) Convening a joint sitting of the two houses
55. **The Rajya Sabha does not enjoy equal powers with Lok Sabha with regard to -**
- 1) The election of the Vice-President 2) The election of the Speaker
- 3) The impeachment of the President 4) The election of the President
56. **According to the Cabinet Mission Plan, the Constituent Assembly was to consist of -**
- 1) 390 members 2) 350 members
- 3) 385 members 4) 389 members

57. Which one of the following Schedules of the Constitution of India contains provisions regarding division of powers between the Union and the States ?
- 1) Seventh Schedule
 - 2) Fourth Schedule
 - 3) Sixth Schedule
 - 4) Fifth Schedule
58. The correct statements about the Directive Principles of State Policy are –
- 1. They are incorporated in Part - V of the Constitution.
 - 2. They are borrowed from the Irish constitution
 - 3. The state must compulsorily implement them.
 - 4. They seek to provide social and economic base to democracy
- 1) 2 and 4
 - 2) 1, 2 and 3
 - 3) 1 and 2
 - 4) 1 and 3
59. Where emergency provisions of the Indian Constitution were borrowed from ?
- 1) Soviet Union
 - 2) Weimar Constitution of Germany
 - 3) U.K Constitution
 - 4) U.S.A Constitution
60. Assertion (A) : Ammonium Sulphate is nitrogenous fertilizer
Reason (R) : Ammonium Sulphate tends to decrease the acidity of the soil.
- 1) Both (A) and (R) are true and (R) is the correct explanation of (A)
 - 2) Both (A) and (R) are true and (R) is not a correct explanation of (A)
 - 3) (A) is true but (R) is false
 - 4) (A) is false but (R) is true
61. Statement (S) : Fuel cells are more advantageous than conventional electrochemical cells. Because fuel cells-
- Reason (R1) : Do not cause pollution
 - Reason (R2) : Have high efficiency
 - Reason (R3) : Are very cheap
- The correct combination is :
- 1) R1 and R2 are correct, R3 is wrong
 - 2) R1 is correct, R2 and R3 are wrong
 - 3) R1 is wrong, R2 and R3 are correct
 - 4) R1 and R2 are wrong, R3 is correct
62. The energy production in the Sun involves the conversion of -
- 1) Hydrogen atom to Helium nucleus
 - 2) Oxygen to Nitrogen
 - 3) Hydrogen to Nitrogen
 - 4) Helium to Hydrogen

63. Match the colour of the Bunsen flame in column B with the salts of the element in column A when heated.

Column A	Column B
i). Barium salt	a. Yellow colour
ii). Potassium salt	b. Crimson red colour
iii). Sodium salt	c. Apple green colour
iv). Strontium salt	d. Violet colour

	i	ii	iii	iv
A.	a	b	c	d
B.	d	c	b	a
C.	b	d	c	a
D.	c	d	a	b

64. An example of non renewable energy source is :

- 1) Oil and gas
 2) Solar radiation
 3) Bio-mass
 4) Wind energy

65. Speed guns used by police to measure the speed of vehicles is based on -

- 1) Echo
 2) Doppler effect
 3) SONAR
 4) Photo-electric effect

66. Consider the following statements and select the correct answer :

Assertion (A) : Hot air balloons rise into the sky.

Reason (R) : Air when heated becomes lighter than the surrounding cold air.

- 1) Both (A) and (R) are true and (R) is the correct explanation of (A)
 2) Both (A) and (R) are false
 3) (A) is true, but (R) is false
 4) Both (A) and (R) are true and (R) is not the correct explanation of (A)

67. Sunburns produce cell damage in the skin. Which portion of the solar spectrum is capable of producing them ?

- 1) Visible region
 2) Infra-red region
 3) Ultra-violet region
 4) Radio region

68. Match List - I with List - II and select the correct answer from the codes given below :

List - I		List - II	
a. Kavi vallathol		1. Bharathanatyam	
b. Rabindranath Tagore		2. Odisi style of dance	
c. Rukmini Devi		3. Manipuri style	
d. Indrani Rehman		4. Kathakali dance	
	a b c d		
A.	1 3 4 2		
B.	1 4 2 3		
C.	4 3 1 2		
D.	4 1 2 3		

69. Consider the following statements choose your correct answer using the codes given below :

Assertion (A) : During the war of succession, Jahanara, one of the daughters of Shah Jahan, supported the claims of Dara Shikoh to the throne, while her sister, Roshanara, supported Aurangazeb's claims.

Reason (R) : Jahanara, who served Shah Jahan during his eight year period of imprisonment by his son, was later made the first lady of the realm by Aurangazeb.

- 1) Both (A) and (R) are true and (R) is the correct explanation of (A)
 2) Both (A) and (R) are true but (R) is not a correct explanation of (A)
 3) (A) is true, but (R) is false
 4) (A) is false, but (R) is true

70. Consider the following pairs : Which of the pair is not correct ?

I. Fatwa - A legal decision according to Islam

II. Dar-ul-harab - Land of infidels

III. Jihad - Holy war against infidels by Muslims

IV. Kafir - A person who has faith in Islam

- 1) I only
 2) I and II
 3) III only
 4) IV only

71. Consider the following statements : Mahavira

i) Believed that god had created this world and exercises control over it.

ii) Regarded all objects, animate or inanimate as endowed with various degrees of consciousness

iii) Rejected the authority of the Vedas and objected to the Vedic rituals and Brahmin supremacy

iv) Advocated severe asceticism and extreme penance for the attainment of the highest spiritual state Select your answer from the codes given below

- 1) All of them
 2) i, ii and iii
 3) ii, iii and iv
 4) i, iii and iv

72. Match List - I with List - II and select the correct answer from the codes given below:

List - I		List - II				
i). Patwari		a. Revenue official of the district				
ii). Qanungo		b. Revenue official of the Taluk level				
iii). Amalguzer		c. Village revenue official				
iv). Karkun		d. Treasurer of the district level				
v). Khazanadar		e. Accountant				
	i	ii	iii	iv	v	
A.	c	b	e	d	a	
B.	b	a	e	d	c	
C.	b	a	c	e	d	
D.	c	b	a	e	d	

73. Arrange the following events of Shivaji's reign in chronological sequence.

i) His bold attack on Shaista Khan's military camp.

ii) His visit to Aurangzeb's court, imprisonment and escape.

iii) His conquest of the Javli fort

iv) His conquest of Gingee, Vellore etc.

v) His coronation at Raigarh and assumption of the title of Chatrapati.

Choose the answer from the codes given below :

1) i, ii, v, iv, iii

2) ii, iv, i, iii, v

3) iv, ii, i, iii, v

~~4) iii, i, ii, v, iv~~

74. Match List - I with List - II and select the correct answer from the codes given below:

List - I (Buddhist councils)		List - II (Places)			
i). First		a. Pataliputra			
ii). Second		b. Girivraja			
iii). Third		c. Kashmir			
iv). Forth		d. Vaisali			
	i	ii	iii	iv	
A.	d	b	c	a	
B.	b	d	c	a	
C.	d	b	a	c	
D.	b	d	a	c	

75. What is the avasarpini or descending order of the following six periods of the Jain cosmic cycle ?

i) Duhsama

ii) Susama

iii) Duhsama - Susama

iv) Susama- Duhsama

v) Duhsama - Duhsama

vi) Susama - Susama Choose the correct answer from the codes given below :

1) v, i, iii, iv, ii and vi

2) iii, iv, ii, i, v and vi

3) ii, vi, iv, v, i and iii

4) vi, ii, iv, iii, i and v

76. Consider the following statements. Choose your answer using the codes.

Assertion (A) : The Swaraj party won majority in the Madras Presidency during the year 1926 General Elections. But the party did not form Ministry.

Reason (R) : The Swarajists followed the policy of co-operation with the British Government.

1) Both (A) and (R) are true and (R) is the correct explanation of (A)

2) Both (A) and (R) are true and (R) is not the correct explanation of (A)

3) (A) is true but (R) is false

4) (A) is false but (R) is true

77. The period taken by the Constitution Assembly for the completion of its work was:

1) 2 years, 8 months and 20 days

2) 2 years, 9 months and 15 days

3) 2 years, 10 months and 12 days

4) 2 years, 11 months and 17 days

78. The two associations 'The Madas Dravidian Association and the South Indian Peoples Association' are merged together and was called as the _____.

1) Swaraj Party

2) Communist Party

3) Justice Party

4) Dravidar Kazhagam

79. Annie Besant received her popularity in the Congress session held at:

1) Poona

2) Madras

3) Calcutta

4) Delhi

80. Point out the wrong statement in the following:

1) E.V.R left the Congress party in 1925

2) The Justice party was removed from power after 1937

3) Rajaji resigned his Chief Ministership of Madras Presidency

4) Bharathiyar died at Ettayapuram

81. Point out the wrong statement in the following:

- 1) In 1945 Labour Party came to power in England
 2) The Indian National Congress adopted the Quit India Resolution in the Wardha Session
 3) The Cabinet Mission Plan was made in 1945
 4) Lord Wavell was called for the Simla Conference

82. Which country is holding high reserve of Gold in the world?

- 1) America
 2) Russia
 3) Japan
 4) China

83. In which country in the world, premature baby deaths are high?

- 1) Australia
 2) Brazil
 3) India
 4) Sri Lanka

84. Padma Awards are announced on the eve of:

- 1) Republic day of every year
 2) Independence day of every year
 3) Gandhi Jayanthi day of every year
 4) New year day of every year

85. Who among the following was the Chairman of the Cauvery water disputes Tribunal who held the post for 16 years and resigned in April 2012?

- 1) V.P Goyal
 2) N.P Singh
 3) S.P Shah
 4) Y.P Yadav

86. Match List - I and List - II and select your answer using the codes given below :

List - I (Grand Slam of 2012)	List - II (Title Winner)
a. U.S Open	1. Rafael Nadal
b. French Open	2. Andy Murray
c. Australian Open	3. Roger Federer
d. Wimbledon Open	4. N. Djokovic

	a	b	c	d
A	1	2	3	4
B	3	4	1	2
C	2	1	4	3
D	4	3	2	1

87. Who is the Governor of Gujarat?

- 1) Mr. Narendra Modi
 2) Dr. Kamla Beniwal
 3) Dr. Aziz Qureshi
 4) Dr. Syed Ahmed

88. The team which won the third World Cup Kabbaddi Tournament in both men's and women's category is :

- 1) Pakistan
 2) Australia
 3) England
 4) India

89. Pick out the wrong statement about RISAT-1 Satellite.

- 1) It is the earth observation satellite
 2) Its launch vehicle is PSLV-C19
 3) It was launched on 26th April, 2012
 4) It was launched from French Guiana

90. Pick out the correct statement about "Face book" :

1. It was founded by Mark Zuckerberg
 2. It was launched on July 15, 2006
 3. It is a Social Networking Service.

Correct statements are :

- 1) 1 and 2
 2) 2 and 3
 3) 1 and 3
 4) 3 only

91. Match List - I and List - II and select correct answer using the codes given below:

List - I (Year)	List - II (Best Picture for Oscar Award)
a. 2011 b. 2010 c. 2009 d. 2008	1. Slum dog Millionaire 2. The Hurt Locker 3. The Artist 4. The Kings Speech

	a	b	c	d
A.	3	4	2	1
B.	4	3	2	1
C.	1	2	4	3
D.	2	1	3	4

92. In which of the following places were the Olympic games conducted more than three times?

- 1) Athens
 2) London
 3) Los Angeles
 4) Tokyo

93. Match List - I and List - II correctly and select your answer using the codes given below .

List - I	List - II
a. Sampoorna Gram Swarozgar Yojana	1. Assisting the rural poor in self employment
b. Indira Awaas Yojana	2 Self employment of the rural poor
c. SwarnaJayanthi Gram Swaroggar Yojana	3 In-situ Rehabilitation
d. Rajiv Awaas Yojana	4. Construction of dwelling units

	a	b	c	d
A.	2	4	1	3
B.	1	4	2	3
C.	1	4	3	2
D.	4	1	2	3

94. The first Duronto Express train ran between _____. Select the correct answer from the codes given below.

- A. Seal Dah to New Delhi
 B. Amristar to New Delhi
 C. Coimbatore to Chennai Central
 D. Madurai to Chennai Central

- 1) A alone
 2) Both A and B
 3) C alone
 4) C and D

95. Who is the Indian origin politician nominated and set to become Singapore's first woman Speaker?

- 1) Halima Yacob
 2) Mohini Trivedi
 3) Sanjana Chatterji
 4) Leela Samson

96. What is the expansion of " GATT " ?

- 1) General Application in Tarrifs and Trade
 2) Guideline Applications of Transaction and Trade
 3) General Agreement on Trade and Tariff
 4) Group Agreement for Trade and Transaction

97. The three H's that Swami Vivekananda asks the youth to focus upon are :

- 1) Heritage, Hardwork, Happiness
 2) Hardwork, Humble, Humane
 3) Heritage, Humble, Humane
 4) Heart to feel for the poor, Head to think and Hands to act

