

1. Lift was invented by-

- ~~1) E.G Otis~~ 2) J.J Thomson
3) Issac Newton 4) Maric curic

2. Choose the incorrect statement.

- 1) No work is done if the displacement is perpendicular to the direction of the applied force 2) Frictional force is non conservative
~~3) All the central forces are non-conservative~~ 4) If the angle between the force and displacement vectors is obtuse, the work done is negative

3. Electric potential is expressed in-

- ~~1) Joules / Coulomb~~ 2) Watt / Coulomb
3) Volt / Metre 4) Coulomb / Sec

4. Which of the following physical quantities have the same dimension? 1) Work 2) Power 3) Force 4) Moment of a couple

- 1) (3) and (4) 2) (2) and (4)
~~3) (1) and (4)~~ 4) (2) and (3)

5. Which one of the following does NOT belong to Nitrogen family?

- 1) Phosphorus 2) Antimony
3) Bismuth ~~4) Silicon~~

6. Acids are substances which give H^+ ions in aqueous solution is the concept of-

- ~~1) Arrhenius~~ 2) Faraday
3) Ingold 4) Oswald

7. The Oxidation number of Carbon in Carbon tetrachloride and chloroform are-

- ~~1) +4 and +2 respectively~~ 2) -4 and -2 respectively
3) +4 and +3 respectively 4) -4 and -3 respectively

8. Element Lanthanides and Actinides belong to which block in the modern periodic table?

- ~~1) s - block elements~~ 2) d - block elements
3) f - block elements 4) p - block elements

9. Wild-buffaloes having huge body and long horn are found in-

- 1) Gir forest 2) Kaziranga
3) UP foot hills of Himalayas ~~4) Manas~~

10. No cell is without-

- 1) Chloroplast 2) Mitochondria
~~3) Ribosome~~ 4) Nucleus

11. Norepinephrine is secreted by-

- ~~1) Adrenal Medulla~~ 2) Adrenal Cortex
3) Thymus 4) Thyroid

12. **Mongoloid Idiocy, a mutant condition with several mental retardation caused by chromosomal 21 trisomy is called as-**

- 1) Down's Syndrome
 2) Klinefelter's Syndrome
 3) Criminal Syndrome
 4) Turner's Syndrome

13. **The cell wall is interrupted by narrow pores carrying fine strands of cytoplasm, which interlink the contents of the cells are called-**

- 1) Plasmahole
 2) Microvilli
 3) Plasmodesmata
 4) Plasmalemma

14. **Find out the wrongly matched pair.**

- 1) Vitamin A deficiency - Night blindness
 2) Vitamin C deficiency - Beriberi
 3) Vitamin D deficiency - Rickets
 4) Folic Acid - Anemia

15. **The respiratory quotient of the Glucose in aerobic respiration is _____.**

- 1) 1
 2) 0.7
 3) 1.3
 4) ∞ (Infinity)

16. **Which among the following is an impact printer?**

- 1) Dot matrix printer
 2) Thermal printer
 3) Laser printer
 4) Inkjet printer

17. **Which of the following is used to answer a question about a database?**

- 1) QUERY
 2) TABLE
 3) REPORT
 4) FORM

18. **Who among the following is NOT related to padma shri award for 2014?**

- 1) Yuvraj Singh
 2) Parveen Talha
 3) Leander Paes
 4) Dipika Pallikal

19. **2013 Miss India contest was held in-**

- 1) Mumbai
 2) Simla
 3) Calcutta
 4) Manipur

20. **Which state in India publishes newspapers in more languages?**

- 1) Odisha
 2) Tamil Nadu
 3) Karnataka
 4) West Bengal

21. **Union Cabinet on January 20, 2014 accorded the minority status to which community?**

- 1) Jains
 2) Sikhs
 3) Parsis
 4) Buddhists

22. **Arrange the following names of the travellers who visited the Vijayanagar kingdom in descending order. Choose your answer using the codes given below. I) Nikitin II) Nicolo Conti III) Barbosa IV) Abdur Razzaq**

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

23. **Which of the following is correctly matched?**

- 1) First Famine Commission - Baird Smith
 2) Second Famine Commission - Sir Richard
 3) Third Famine Commission - Sir George
 4) Fourth Famine Commission - Subas

24. **Rajahmundri social Reform Association was founded by-**

- 1) N.M Joshi
- ~~2) Vireshalingam Pantulu~~
- 3) Tulsi Ram
- 4) Deshmukh

25. **Write in ascending order the following army officials of the Marathas. i) Jumladar ii) Havaldar iii) Paik iv) Naik v) Sar - I - Naubat vi) Hazari Select the answer from the codes below-**

- 1) ii, iii, v, iv, i, vi
- ~~2) iii, iv, ii, i, vi, v~~
- 3) iv, ii, iii, v, vi, i
- 4) ii, iv, v, vi, i, iii

26. Match the following: Choose the correct answer from the codes given below.

a) Warren Hastings	1) Introduction of European Science and Literature in India
b) Robert Clive	2) Ilbert Bill controversy
c) Lord William Bentinck	3) Black Hole Tragedy
d) Lord Rippon	4) Impeachment

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

27. **Who established the medical college in Calcutta?**

- ~~1) Lord William Bentinck~~
- 2) Lord Curzon
- 3) Lord Wellesley
- 4) Lord Rippon

28. Match the following:

a) Wood's Despatch	1) Lord Rippon
b) Hunter Commission	2) Lord Curzon
c) Committee of Public instruction	3) Lord Dalhousie
d) Indian Universities Act	4) Lord Macaulay

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

29. **Find the odd one out. Equality before law means-**

- 1) Absence of special privileges in favour of any individual
- 2) Subjection of all classes to ordinary law
- 3) Trial of officials and private citizens by the same courts
- ~~4) Higher officials and higher caste citizens are tried by special court~~

30. **Division of power between Centre and States is included in which schedule?**

- 1) 5th Schedule
- ~~2) 7th Schedule~~
- 3) 8th Schedule
- 4) 10th Schedule

31. **The Electoral process in India consists of primarily-**
1) Delimitation of Constituencies 2) Preparation of electoral polls
3) Notification of elections ~~4) All of these~~
32. **Which among the following was the first State to make the compulsory use of voter's identification cards?**
1) Tamil Nadu 2) Andhra
3) Gujarat ~~4) Haryana~~
33. **Consider the following and choose correct matching. 1) Equal Representation in the upper House - USA 2) Right to secede from Union - USSR 3) Centre can alter the State boundaries without the consent of that State - India 4) Dual citizenship - China**
1) All are correct ~~2) 1, 2 and 3~~
3) 2 and 3 4) 1, 3 and 4
34. **Which part of the Indian Constitution deals with elections?**
1) Part XI ~~2) Part XV~~
3) Part XVIII 4) Part IV
35. **The doctrine of "Rule of Law" was enunciated by-**
1) David Easton ~~2) Dicey~~
3) Mortan Kaplan 4) Morgenthau
36. **Assertion (A) : Fundamental rights are absolute in nature. Reason (R) : Fundamental rights are valid with certain restrictions which have been provided by the Constitution itself.**
1) Both A and R are correct and R explains A 2) Both A and R are correct but R does not explain A
3) A is correct but R is incorrect ~~4) A is incorrect but R is correct~~
37. **Consider the following statements: A) The constitution establishes a Highcourt for each state of the Indian Union. B) The High Court is at the apex of the judicial organization of the State Choose the correct answer.**
1) (A) is true and (B) is false ~~2) Both (A) and (B) are true~~
3) Both (A) and (B) are false 4) (A) is false and (B) is true
38. **Which of the following statements about Administrative tribunals is/are true? a) The Administrative Tribunal act came into effect in 1985 b) Central Administrative tribunal (CAT) was set up at New Delhi. c) The CAT provides speedy justice to Central Government employees.**
1) (a) and (b) are true 2) (a) and (c) are true
~~3) (a), (b) and (c) are true~~ 4) (a) only true
39. **Which Article specifies Hindi as the official language of the Union?**
1) Article 346 2) Article 345
~~3) Article 343~~ 4) Article 347
40. **The Amnesty International was established by a British lawyer in 1961. He was-**
~~1) Peter Beneson~~ 2) George Wilkinson
3) Bernard Ferandcs 4) John Harrington

41. Under which case did the Supreme Court of India hold that the preamble is a part of the Constitution?

- 1) Golaknath case
- 2) Mincrva mills case
- ~~3) Kesavananda Bharathi case~~
- 4) Subharao case

42. The term "Disinvestment" is used to indicate the process of _____.

- ~~1) Privatisation~~
- 2) Liberalisation
- 3) Globalisation
- 4) No one is suitable

43. The Eighth round of negotiations held under the auspices of GATT is known as:

- 1) Havana Charter
- 2) Round table conference
- ~~3) Uruguay Round~~
- 4) None of these

44. According to Economic survey 2009-10, during the tenth plan, annual average growth rate of NNP at 1999-2000 prices was-

- 1) 6.7%
- ~~2) 7.8%~~
- 3) 4.4%
- 4) 5.4%

45. Which of the following statements about Education Expenditure is true for India?
I. It rose from 0.64% of GDP in 1951- 52 to 4.26 in 2000-01. II. It declined to 3.49% in 2004-05.

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

46. Since 1955, the official annual National Income of India has been estimated by:

- ~~1) State Information Centre~~
- 2) National sample survey
- ~~3) Central Statistical Organisation~~
- 4) None of these

47. What is the percentage share of India's urban population in 2011 census?

- 1) 48.5 percent
- 2) 45.2 percent
- 3) 37.5 percent
- ~~4) 31.2 percent~~

48. The concept of sustainable development was developed by-

- 1) UNDP report
- 2) World Development report
- 3) IMF report
- ~~4) Brundtland report~~

49. Indicate the year in which National Food Security Mission [NFSM] was launched.

- 1) 2004-2005
- 2) 2001-2002
- ~~3) 2007-2008~~
- 4) 2010-2011

50. The principal rebel leaders, Sido and Kanhu belonged to which of the following uprisings?

- 1) Poligar revolt
- 2) Moplar revolt
- 3) Munda revolt
- ~~4) Santhal uprising~~

51. Whom among the following organised the Khilafat movement?

- 1) Mahatma Gandhi, Jinnah and Jawaharlal Nehru
- 2) Muhammad Ali, Shaukat Ali and Mahatma Gandhi
- ~~3) Muhammad Ali, Shaukat Ali and Maulana Abul Kalam Azad~~
- 4) Syed Ahmed Khan, Muhammad Ali and Mahatma Gandhi

52. Match the following and choose the correct answer.

A		B	
a) Bejoy Kumar Sinha		1) Tamil Nadu	
b) Bhagwati Charan		2) Bengal	
c) Vanchinathan		3) Uttar Pradesh	
d) Surya Sen		4) Punjab	

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

53. Among the following Viceroys, who announced the "August Offer"?

~~1) Linlithgow~~ 2) Mountbatten
3) Montague 4) Morley

54. When was the Preamble of Indian Constitution adopted?

1) 13 December 1946 ~~2) 22 January 1947~~
3) 26 November 1949 4) 30 January 1950

55. The party which had its early aims only in the creation of national consciousness and seek wider chances of employment in the Government services was the _____.

1) Communist party ~~2) Congress party~~
3) Swarajya party 4) Justice party

56. Three different containers contain 396 litres, 432 litres and 612 litres of mixtures of milk and water respectively. What biggest measure can measure all the different quantities exactly?

~~1) 36~~ 2) 32
3) 28 4) 24

57. The ratio of number of boys and girls in a college is 6 : 5. If the % of increase in the number of boys and girls be 25% and 10% respectively, what will be the new ratio?

~~1) 15 : 11~~ 2) 10 : 15
3) 15 : 13 4) 11 : 7

58. A road transport officer accepts 72% of the auto meters in working condition, How many will he examine to accept 270 auto meters?

~~1) 375~~ 2) 470
3) 475 4) 720

59. G-20 summit 2013 was convened in:

1) Germany 2) China
~~3) Russia~~ 4) Poland

60. What is 25% of 25% equal to?

1) 6.25 2) 0.625
~~3) 0.0625~~ 4) 0.00625

61. **The first missile firing submarine of India-**
1) INS Tarkash ~~2) INS Sindhushastra~~
3) INS Hamla 4) INS Shivaji
62. **Mother Theresa Memorial Award for 2013 was conferred to:**
1) M.S. Swaminathan ~~2) Dr. V. Shantha~~
3) Dr. A .Kurian 4) Medha Batkar
63. **Keshava Shankar Pillai relates to-**
~~1) Cartoon~~ 2) Painting
3) Music 4) Dance
64. **India's first mono rail (Feb2014) service started in-**
1) Delhi 2) Calcutta
~~3) Mumbai~~ 4) Hyderabad
65. **Tamil Nadu Government conferred the Thiruvalluvar Award to : (Jan15 2014)**
1) Aung San Suukyi 2) Ela Bhatt
3) Javed Akthar ~~4) Mr. Yusi~~
66. **2013 United Nations Human Rights Award was awarded to-**
~~1) Ms. Malala Yousafzai~~ 2) Ms.Daisy Christina
3) Ms. Aung San Suukyi 4) Ms. Alyz Henrich
67. **The cost of three Tamil books and four general knowledge books is Rs. 432. If the cost of three Tamil books is the same as that of four general knowledge books, the cost of general knowledge book is:**
1) 72 ~~2) 54~~
3) 36 4) 48
68. **By selling goods at Rs. 36, a merchant loses 10% on his outlay. Find the percentage of profit when he sells the same at Rs. 45.**
1) 16.5% 2) 13.5%
3) 9% ~~4) 12.5%~~
69. **Five persons A, B, C, D and E were walking along a street. D was ahead of A. E was following B. C was between A and B. Who was in the middle?**
1) A ~~2) C~~
3) B 4) D
70. **Two stations A and B are 220 kilometers apart. One train starts at A at 6 A.M and moves towards B at 40 kmph. Another train starts at B at 7 A.M and moves towards A at 50 kmph. At what time will they meet?**
1) 10 A.M 2) 9.30 A.M
~~3) 9 A.M~~ 4) 11 A.M
71. **The average height of 25 boys of a class of 40 is 150 cm. If the average height of the remaining boys is 154 cm, then the average height of the whole class is:**
1) 152 ~~2) 151.5~~
3) 154 4) 150

72. A father is 45 and his son is 15. In how many years will the father be twice as old as his son?

- 1) 10
~~2) 15~~
 3) 25
 4) 35

73. In how many years will a sum be thrice of itself at the rate of 10% per annum?

- 1) 10
~~2) 20~~
 3) 15
 4) 25

74. Find out the incorrect pair:

- 1) Sachin Tendulkar - Bharat Ratna 2014
~~2) CNR Rao - Padma Vibushan 2014~~
 3) Ruskin Bond - Padma Bushan 2014
 4) Deepika R. Pallikal - Padma Shri. 2014

75. The Emblem of Norway is:

- 1) Rose
 2) Elephant
 3) Eagle
~~4) Lion~~

76. Which state in India has the highest Per Capita Income(2013)?

- 1) Kerala
~~2) Maharashtra~~
 3) Andhra Pradesh
 4) Punjab

77. MIG - 21FL, fighter jet will be replaced by Light Combat aircraft in 2014 is named as-

- 1) Agni - IV
 2) INSAT - II
 3) TK SAT - I
~~4) Tejas~~

78. The latest country to adopt Euro dollar in January 2014 is:

- 1) Bulgaria
~~2) Latvia~~
 3) Ukraine
 4) South Sudan

79. Head of first Bharatiya Mahila bank is:

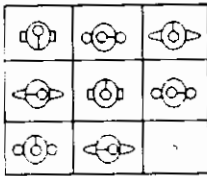
- ~~1) Ms. Usha Anantha Subramanian~~
 2) Ms. Sujatha Singh
 3) Ms. Sangeetha Tripathi
 4) Ms. Heena Sidbu

80. A rectangle is divided into 4 rectangles of different perimeters 14 cm, 22 cm, 18 cm, 26 cm. The perimeter of the biggest rectangle is:



- | | |
|---------------|-------|
| A. | 10 cm |
| B. | 20 cm |
| C. | 40 cm |
| D. | 80 cm |

81. Select the alternative figure out of (A), (B), (C) and (D) and which completes the given matrix?



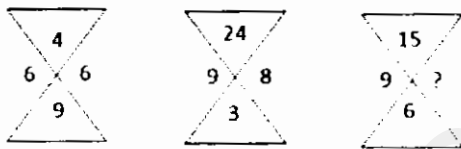
- A.
- B.
- C.
- ~~D.~~

82. Find the values of from the following figure:

			20
			10
			21

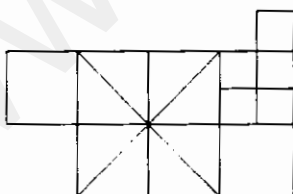
- A. 4, 5, 6
- B. 10, 6, 15
- ~~C. 6, 10, 5~~
- D. 5, 6, 10

83. Find the missing number in “?”



- A. 6
- B. 8
- ~~C. 10~~
- D. 12

84. How many squares are there in the given figure?

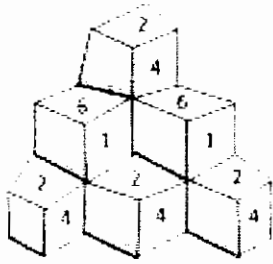


- A. 9
- ~~B. 14~~
- C. 16
- D. 18

85. The product of n consecutive positive integers is divisible by-

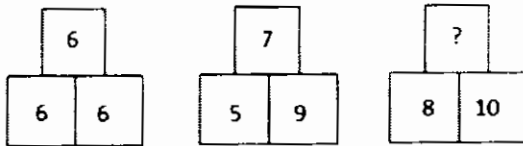
- 1) $(n+1)!$
- 2) $n!$
- 3) $(n-1)!$
- 4) $(n+1)(n-1)$

86. How many dice are there in the figure?



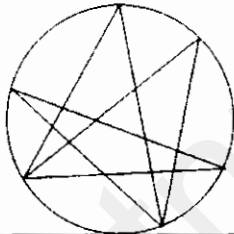
- A. 6
- B. 5
- C. 10
- D. 12

87. Fill up the missing number:



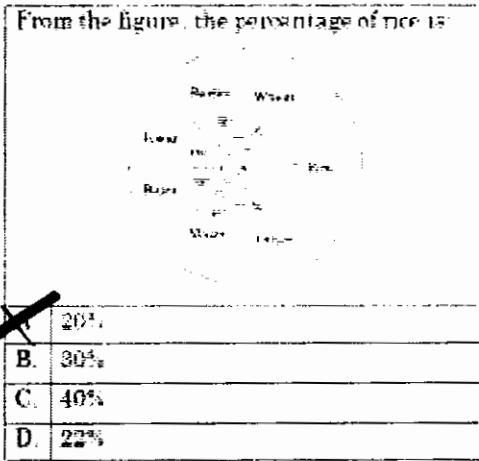
- A. 6
- B. 7
- C. 4
- D. 9

88. How many triangles are there in the given figure?



- A. 28
- B. 26
- C. 24
- D. 22

89. From the figure, the percentage of rice is:



90. Today is Tuesday. The day after 73 days will be-

- 1) Sunday
- 2) Monday
- 3) Wednesday
- 4) Friday

91. "Unbreakable" is an autobiography of _____.

- 1) M.C. Mary Kom
- 2) David Beckham
- 3) Serena Williams
- 4) Saina Nehwal

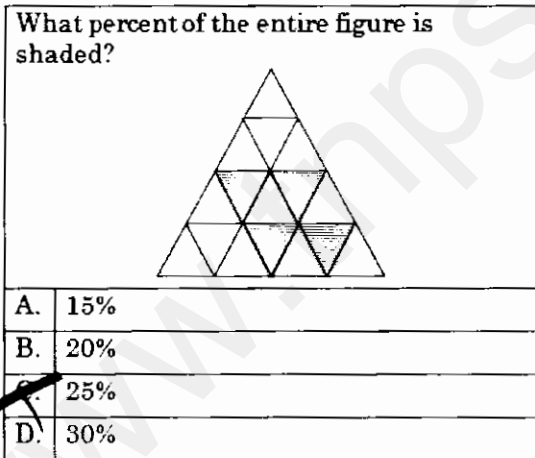
92. Consider the following statements: 1. In 2013, India lost 436 children under 5/1000 life births. 2. Many Indian children do not have access to life saving treatment and prevention measures. Which of the statement given above is/are correct?

- 1) 1 only
- 2) Both 1 and 2
- 3) 2 only
- 4) Neither 1 nor 2

93. Dominika Cibulkova, runner up of 2014 Australian Open Tennis Women's singles 2014 belongs to-

- 1) Switzerland
- 2) Slovakia
- 3) Estonia
- 4) Latvia

94. What percent of the entire figure is shaded?



95. Match the lakes with their formation.

a) Titica	1) Volcano
b) Winnipeg	2) Depositional
c) Danau	3) Tectonic
d) Chilka	4) Erosional

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

96. Match the Sun spot areas with their names:

I. Black Center	A. Faculae
II. Lighter Region	B. Corona
III. Cool Spot	C. Umbra
IV. Outer Hotspot	D. Penumbra

	I	II	III	IV
A.	D	B	C	A
B.	A	C	B	D
C.	C	D	A	B
D.	B	A	D	C

97. Match the following

I. Bauxite	1. Coal
II. Haematite	2. Copper
III. Pyrolusite	3. Iron
IV. Bituminous	4. Aluminium

	I	II	III	IV
A.	3	4	2	1
B.	4	3	2	1
C.	1	2	3	4
D.	4	2	1	3

98. Arrange the Peninsular Narmadha, Godavari, Krishna and Cauvery according to their sequence of length in descending order.

1) Krishna - Godavari - Cauvery - Narmadha

~~2) Godavari - Krishna - Narmadha - Cauvery~~

3) Godavari - Cauvery - Krishna - Narmadha

4) Godavari - Narmadha - Krishna - Cauvery

99. Which is correctly matched? I. Nilgris - Biosphere II. Periyar - National Park III. Mudumalai - Bird' Sanctuary IV. Kaziranga - Elephant Reserve

1) II

3) III

~~2) I~~
4) IV

100. Find out the forest sequence as given in the map:



- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | A. Mountain - Thorn - Evergreen - Tidal |
| <input type="checkbox"/> | B. Mountain - Evergreen - Tidal - Thorn |
| <input type="checkbox"/> | C. Thorn - Tidal - Mountain - Evergreen |
| <input type="checkbox"/> | D. Mountain - Thorn - Tidal - Evergreen |