

**Manidhanaeyam IAS & IPS Free Coaching Centre**  
**Group - II CSSE - I (2010)**

**Series - C**

**General knowledge**

1. Which statement is correct?  
a) All minerals are ores  
b) a mineral cannot be an ore  
c) An ore cannot be a mineral  
**d) All ores are minerals.**
  
2. Tusk of elephant is  
**a) modified incisors**  
b) modified canines  
c) modified premolar  
d) modified molar
  
3. The book 'Kathirmani Villakkam' was written by  
a) A.K.Chettiar  
**b) Pandithamani Kathiresan Chettiar**  
c) Vellaivaranar  
d) Auvai su.Duraisami pillai
  
4. Radioactivity was discovered by  
a) Pierre Curie  
b) Madam Curie  
c) Rutherford  
**d) Henri Becquerel**
  
5. The value of  $\log_{10} \sqrt{10\sqrt{10\sqrt{10\sqrt{\dots}}}}$  is  
a) 4  
b) 3  
c) 2  
**d) 1**
  
6. Local government is a feature of  
a) most modern states  
b) only democratic states  
**c) only unitary states**  
d) only federal states
  
7. The correct order of the Agam landscape is  
a) Marutham,mullai,kurinji,paalai,neithal  
b) Mullai, neithal,kurniji,marutham,paalai  
c) Paalia,marutham,kurinji,mullai,marutham  
**d) Kurinji,mullai,marutham,neithal,paalai**
  
8. Which state has topped the latest state-wise Education Development Index?  
a) Tamil Nadu  
b) **Kerala**  
c) Karnataka  
d) Andhra Pradesh

9. Who has been named recently as the world's best paid author?  
a) Paul Coelho  
b) salman rushdie  
c) Jeffery archer  
**d) rowling**
10. What does KDM 916 mean?  
a) 9.16% pure gold  
b) 90.16% pure gold  
c) 9.16% copper  
**d) 91.6 % pure gold**
11. Natural system of Plant classification was proposed by  
A) cronquist  
b) Engler and Prantil  
c) Linnaeus  
**d) Bentham and Hooker**
12. .... is regarded as the custodian of fundamental rights.  
a) Prime minister  
b) Police commissioner  
c) Chief minister  
**d) Judiciary**
13. The pioneer scholar of chronology is  
a) Maraimalai Adigal  
b) Ka.su.Pillai  
**c) S.Vaiyapuri Pillai**  
d) K.K.Pillai
14. Basalt and granite belong to which type of rocks ?  
**a) Igneous rocks**  
b) Metamorphic rocks  
c) sedimentary rocks  
d) None of those
15. Which metal is used for Galvanisation of Iron?  
a) Chromium  
**b) Zinc**  
c) Nickel  
d) Manganese
16. Detritus  
**a) feed upon organic decayed food from the soil**  
b) take food from plants  
c) take food into endoplasm  
d) take food from earthworm
17. The foremost economic problem of India's agricultural labourers is  
a) low income  
**b) heavy indebtedness**  
c) Poor standard of living  
d) absence of organized activity
18. How didi the sithars call 'Vallarai Keerai' ?  
a) Keerai  
**b) Saraswathi**  
c) Marunthu  
d) Lakshmi
19. Industrial sickness is nothing but

- a) any one part of the factory is being affected  
b) unable to pay back the debt  
c) **unable to create surplus income and running the industry only by receiving the debt**  
d) change in the ownership of industry
20. Fuse wire is a wire of ..... resistance and ..... melting point  
a) low,high  
b) high,high  
c) low,low  
d) **high,low**
21. Who was the last governor general of the English east India company?  
a) **Lord canning**  
b) William Bentinck  
c) Robert Clive  
d) Lord Ripon.
22. Darsana is  
a) **the vision of truth**  
b) the vision of god  
c) the way of life  
d) none of these.
23. The study of age of the trees by counting annual rings is called  
a) dendrogram  
b) **dendrochronology**  
c) Entomology  
d) Gerontology
24. Who was the Chairman of the Indian constituent assembly?  
a) Jawaharlal Nehru  
b) Mahatma Gandhi  
c) **Rajendra Prasad**  
d) Sardar patel
25. Linguistics schola ris  
a) Aru.Ramanathan  
b) T.A.Gnanamurthy  
c) Na.Subbureddiar  
d) **S.Agathialingam**
26. Lead is considered as  
a) Air pollutant  
b) water pollutant  
c) soil pollutant  
d) **all of these.**
27. Which of the following gases is adsorbed mostly by activated charcoal?  
a) CO<sub>2</sub>  
b) N<sub>2</sub>  
c) CH<sub>4</sub>  
d) **Ar**
28. Leprosy is a  
a) viral disease  
b) **bacterial disease**  
c) dermatomyosistis  
d) none of these
29. Who is the chairman of the planning commission?  
a) Minister of Planning  
b) Minister of state  
c) **prime minister**  
d) Deputy prime minister



39. The topmost atmospheric layer is called  
a) troposphere  
b) **ionosphere**  
c) mesosphere  
d) stratosphere
40. New Entrepreneurs Agency was established on  
a) 1956  
b) 1961  
c) **1980**  
d) 1986
41. Female literacy rate is below 30% (2001 Census) in select districts of  
a) kerala  
b) tamil nadu  
c) **uttar Pradesh**  
d) Karnataka
42. 'Idiosai Ketta Nagam pola' expresses the feeling of  
a) pathetic sentiment (Azhugai)  
b) **fear (Achcham)**  
c) anger (Kopam)  
d) languish (Parithavippu)
43. Liberation is possible while living with the physical body. This theory is called  
a) Sadyomukti  
b) Aparoksha mukti  
c) **jivanmukti**  
d) videha mukti
44. Which of the following has the smallest flower?  
a) **wolffia Microscopica**  
b) Canna indica  
c) Azadiracia Indica  
d) Pyrus Malus
45. Following relief zones are the characteristics of ocean basins:  
I. Continental slopes  
II. Continental shelf  
III. Deep sea plain  
IV. Oceanic trench
- The correct sequence of their seaward appearance from the coast is  
a) **II, I, IV and III**  
b) I, II, IV and III  
c) **II, I, III and IV**  
d) I, II, III and IV
46. Central Vigilance Commission was set up on the recommendation of  
a) administrative reforms commission of India  
b) gorwala report  
c) kripalani committee  
d) **santhanam committee**
47. Classify the sequence of vanappu:  
a) **Azhagu, Ammai, Thoi, Thonmai**  
b) Ammai, Azhagu, Thonmai, Thoi

c) Thonmai,Thol,Ammai, Azhagu      d) Thonmai,Ammai,Thol,Azhagu.

48. India's best quality sheep rearing is done in which of the following regions?

- a) north-west region                      **b) Temperate Himalaya**  
c) semi-arid southern region          d) Humid eastern region.

49. The host cells in human physiological system of HIV causing AIDS are

- a) T1 lymphocyte                          b) T2 lymphocyte  
c) T3 lymphocyte                          d) **T4 lymphocyte**

50. Which is the only ape found in India ?

- a) Gorilla                                      b) Orang-utan  
c) **Gibbon**                                      d) Hylobate

51. Shashi Tharoor of India was a candidate for the post of

- a) Commonwealth secretary general  
**b) U.N. Secretary General**  
c) SAARC secretary general  
d) UNESCO secretary general

52. 'Stolt Valor' was in the news because

- a) It is a Japanese ship  
b) It is a merchant ship  
**c) It was hijacked by somalian hijackers**  
d) It was sailing with Indian sailors

53. Where did the 39<sup>th</sup> international film festival of India take place?

- a) Mumbai                                      **b) Panaji**  
c) Kolkata                                        d) Delhi

54. Supersonic BrahMos missile is a joint venture between India and

- a) Israel    b) Denmark  
**c) Russia**                                        d) France

55. Which of the following acts as biological control organism against glycotoxin producing soil pathogens?

- a) Trichoderma virens**                      b) Aspergillus niger  
c) Penicillium notatum                      d) chaetomium globosum

56. The Indian auto major who acquired the British luxury brand 'Land Rover' is

- a) Tata**    b) Mahindra and Mahindra  
c) Maruti suzuki                                d) Hindustan Motors

57. The fall in crude oil prices during the end of 2008 is attributed to



c) Elati d) Mullaippattu

67. The organism used by T.H. Morgan to study mutation was

- a) Chlorella  
b) Drosophila  
c) Yeast  
d) Neurospora

68. Which is the first country in the world guaranteed right to information

- a) America  
b) England  
c) France  
d) Sweden

69. Uzhupadai denotes

- a) Uvamai Thogai  
b) Panbu Thogai  
c) Vinai Thogai  
d) Ummai Thogai

70. Where is the Hindustan shipyard located

- a) Vishakhapatnam  
b) Chennai  
c) Kochi  
d) Mumbai

71. During the second five year plan period, the planners worked out the capital Output ratio at

- a) 1 : 5 : 1  
b) 5 : 4 : 1  
c) 2 : 3 : 1  
d) 4 : 3 : 7

Given Choice are wrong

Correct choice is : 2.3:1

72. The unit of capacitance is

- a) coulomb  
b) farad  
c) ohm  
d) gram

73. A collection of related data, that is, having a similar purpose is called as

- a) database  
b) record  
c) structure  
d) all of these

74. The arithmetic mean of the numbers 1, 2,..... n is

- a)  $\frac{n(n+1)(2n+1)}{6}$   
b)  $\frac{n(n+1)^2}{4}$   
c)  $\frac{n+1}{2}$   
d)  $\frac{n(n+1)}{4}$

75. In which year was Panchayat Raj system inaugurated in India?

- a) 1950  
b) 1959  
c) 1952  
d) 1962

76. Match List I with List II correctly and select your answer using the codes given below:

List I

List II

- a) Caldwell
- b) Veeramamunivar
- c) Ziegenbalg
- d) H.A.Krishna Pillai

- 1. Germany
- 2. Tamil Nadu
- 3. Italy
- 4. Ireland

Codes:

- |    | a | b | c | d |
|----|---|---|---|---|
| a) | 1 | 3 | 4 | 2 |
| b) | 1 | 2 | 3 | 4 |
| c) | 3 | 4 | 2 | 1 |
| d) | 3 | 4 | 1 | 2 |

Given choices are wrong .

So choice (D) may be considered (**Partially correct**)

Correct choice is **4 3 1 2**

77. The first 'Nigandu' in Tamil is

- a) Soodamani Nigandu
- b) Thivagara Nigandu**
- c) Pingala Nigandu
- d) Agarathi Nigandu

78. Upanishad refers to

- I. Sitting nearby devotedly
- II. End of the Vedas
- III. The Jnana section
- IV. Basis of astika Darsanas

Of these :

- A) I alone is correct
- b) I and III are correct
- c) II, III and IV are correct
- d) all are correct.**

79. The 1919 Act brought Dyarchy

- a) at provinces**
- b) at districts
- c) at centre
- d) none of these

80. Narayana Guru belonged to

- a) Tamil Nadu
- b) Karnataka
- c) Kerala**
- d) Andhra Pradesh

81. Match List I with List II correctly and select your answer using the codes given below:

**List I**

- a) Neethi Devan Mayakkam
- b) Parasakthi
- c) Narkkalikarargal
- d) Pasi

**List II**

- 1. Na.Muttusamy
- 2. Indra Parthasarathy
- 3. Arignar Anna
- 4. Kalaingar Mu.Karunanidhi

codes:

	a	b	c	d
<b>a)</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>
b)	1	3	4	2
c)	2	1	3	4
d)	4	2	1	3

82. The expansion of HDI is

- a) Hindi development Institute
- b) Human Development Index**
- c) Human Development Investment
- d) None of these.

83. Hydrogen bomb is based on the principle of

- a) nuclear explosion
- b) nuclear fusion**
- c) nuclear fission
- d) slow reaction

84. A source program is the program written in ..... language

- a) English
- b) Symbolic
- c) High level**
- d) Machine

85. The ratio of two number is 3: 8 and their difference is 115. The larger number is

- a) 66
- b) 46
- c) 184**
- d) 96

86. Conversion of information to data will be in the form of

- a) integers
- b) rounded to 2 decimals**
- c) fractions
- d) any of these.

87. The supreme court decides the disputes regarding the election of

- a) president alone
- b) vice-president alone
- c) both president and vice-president**
- d) prime minister.

88. Match List I with List II correctly and select your answer using the codes given below:

- | <b>List I</b>         | <b>List II</b> |
|-----------------------|----------------|
| a) Ka.Na. Subramanyam | 1. Thanneer    |
| b) Ashoka Mithran     | 2. Sayavanam   |
| c) Sa.Kandasamy       | 3. Vadi Vasal  |
| d) Si.Su.chellappa    | 4. Piththevu   |

codes:

- |           | a        | b        | c        | d        |
|-----------|----------|----------|----------|----------|
| a)        | 2        | 3        | 1        | 4        |
| b)        | 1        | 2        | 4        | 3        |
| <b>c)</b> | <b>4</b> | <b>1</b> | <b>2</b> | <b>3</b> |
| d)        | 3        | 4        | 1        | 2        |

89. "onre Kulam ; Oruvane Devan" was said by

- |                       |                 |
|-----------------------|-----------------|
| a) Vallalar           | b) Anna         |
| <b>c) Thirumoolar</b> | d) Thayumanavar |

90. What are the three eternal accepted in Saiva Siddhanta ?

- |                        |                           |
|------------------------|---------------------------|
| a) Karma,Pati,Jnana    | <b>b) Pati,Pasu,Pa sa</b> |
| c) Pa sa, Jnana, Jeeva | d) Jeeva,Jnana, Pati      |

91. Who is the governor of Reserve Bank of India at present?

- |                |                      |
|----------------|----------------------|
| a) B.Y.Reddy   | b) C.Rangarajan      |
| c) Bimal Jalan | <b>d) D.subbarao</b> |

92. Match List I with List II correctly and select your answer using the codes given below:

- | <b>List I</b>          | <b>List II</b>        |
|------------------------|-----------------------|
| a) Sirpi               | 1.Thoni Varugiradhu   |
| b) Gnana Koothan       | 2. Iduthan            |
| c) Erode Thamizh Anban | 3. Anru veru Kizhamai |
| d) Puviyarasu          | 4. Surya Nizhal       |

codes:

- |           | a        | b        | c        | d        |
|-----------|----------|----------|----------|----------|
| A)        | 2        | 3        | 1        | 4        |
| B)        | 4        | 3        | 1        | 2        |
| C)        | 1        | 2        | 4        | 3        |
| <b>D)</b> | <b>3</b> | <b>1</b> | <b>2</b> | <b>4</b> |

93. Which of the following is considered as a non-economic activity?

- |   |                                 |
|---|---------------------------------|
| a) Teaching in a class                    | b) Patient attended by a doctor |
| <b>c) Mother taking care of her child</b> | d) traveling in a bus.          |

94. Positron was discovered by  
a) Rutherford  
c) Madam Curie  
**b) Dirac**  
d) Chadwick
95. Floppy is a /an  
**a) Storage device**  
c) output device  
b) input device  
d) input-output device
96.  $\sqrt{\frac{0.169}{0.00144}} =$   
a)  $\frac{130}{12}$   
c)  $\frac{0.13}{12}$   
b)  $\frac{12}{130}$   
d)  $\frac{13}{12}$
97. If the actual value of an item is 415 and its estimated value is 400, the absolute error is  
a) -15  
c) 0.0375  
**b) 15**  
d) -0.0361
98. Which one of the following schedules of the constitution of India lists the names of states and specifies their territories?  
a) **First**  
b) Second  
c) Third  
d) Fourth
99. Where were the ancient paintings discovered first in Tamil nadu?  
**a) keelvalai**  
c) Mallapadi  
b) Chittanavasal  
d) Panaimalai
100. The author of 'Iniyavai Narpadhu' is  
a) villambi Naganar  
c) Kani Medhaviar  
**b) boodham sendhanar**  
d) Nalladhanar