## 061／2022－M

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## 



































1. Find out the correct chronological order of the following events related to Indian national movement.
(A) Surat Split, Annulment of Bengal Partition, Formation of Muslim League, Champaran Satyagraha.
(B) Formation of Muslim League, Surat Split, Annulment of Bengal Partition, Champaran Satyagraha.
(C) Champaran Satyagraha, Formation of Muslim League, Surat Split, Annulment of Bengal Partition.
(D) Annulment of Bengal Partition, Champaran Satyagraha, Formation of Muslim League, Surat Split.
2. Which one of the following is mismatched in relation to the 'Aintinai' concept of Sangam literature?
i) Kurinchi-Maravar-plunder
ii) Marutham-Uzhavar-Agriculture
iii) Neytal-Parathavar-Fishing
iv) Mullai-Umanar-Hunting
(A) (i) only
(B) (i) and (iv)
(C) (iv) only
(D) (ii) and (iv)
3. Who said "I am the Revolution"?
(A) Napoleon Bonaparte
(B) George Washington
(C) V I Lenin
(D) Mao Zedong
4. Which of the following documents on education of British India contains the statement: "We must at present do our best to form a class who may be interpreters between us and the millions whom we govern - a class of persons, Indians in blood and colour, but English in taste, opinions, in morals and in intellect..."
(A) Charter Act of 1813
(B) Macaulay's Minutes of 1835
(C) Wood's Despatch of 1854
(D) Government of India Act of 1935
5. Which one of the following is correct list of available mineral resources of Kerala?
(A) Bauxite, Zinc, Gold, Platinum
(B) Bauxite, China clay, Black Sand, Gold
(C) Silver, Copper, Gold, Titanium
(D) Gold, Iron, Bauxite, Platinum
6. Find out the correct list of traditional art forms of Kerala, which is performed by women?
(A) Thumpithullal, Oppana, Poorakkali, Ammanattam
(B) Mudiyattam, Kaikottikkali, Devakkuthu, Margamkali
(C) Mudiyettu, Kudam thullal, Kolkkali, Velakali
(D) Padayani, Kummatti, Ammanattam, Koothu

## A

7. The secular press of Kerala had begun with the publication of which of the following?
(A) 'Rajya Samacharam' by Herman Gundert
(B) 'Kerala Kaumudi' by C V Kunhiraman
(C) 'Western Star' and 'Paschimatharaka' by Devji Bheemji
(D) 'Deepika' by Nidheerikkal Mani Kathanar
8. Find out the correct statement/statements in respect of Malayalam movies
'Nirmalyam', 'Bandhanam' and 'Kadavu'?
i) P J Antony was the hero of all of them
ii) All of them bagged National Film Awards
iii) All of them are colour films
iv) All these films are written and directed by M T Vasudevan Nair
(A) (iii) only
(B) (i) and (iv)
(C) (iv) only
(D) (iii) and (iv)
9. Which one below is the correct order of players as highest wicket takers of Test Cricket history?
(A) Muthaiah Muraleedharan, Shane Warne, James Anderson, Anil Kumble
(B) Shane Warne, James Aderson, Muthaiah Muraleedharan, Anil Kumble
(C) Shane Warne, Anil Kumble, James Anderson, Muthaiah Muraleedharan
(D) Anil Kumble, Shane Warne, Muthaiah Muraleedharan, James Anderson
10. Out of 10 Chairpersons of ISRO till date, 5 belong to Kerala. Which one given below is an all-Keralite list of ISRO Chairpersons?
(A) Dr. K. Sivan, Dr. M. G. K. Menon, Dr. G. Madhavan Nair, Dr. K. Kasthoori Rangan, Dr. K. Raadhakrishnan
(B) A. S. Kiran Kumar, Dr. G. Madhavan Nair, Dr. K. Sivan, Dr. M. G. K. Menon, Dr. K. Radhakrishnan
(C) Dr. M. G. K. Menon, Dr. K. Kasthoori Rangan, Dr. G. Madhavan Nair, Dr. K. Radhakrishnan, Dr. S. Somnath
(D) Dr. S. Somnath, A. S. Kiran Kumar, Dr. K. Sivan, Dr. M. G. K. Menon, Dr. G. Madhavan Nair
11. Which of the following would have occurred if the earth had not been inclined on its own axis?
(A) All the seasons would have been of same duration
(B) The summers would have been of longer duration
(C) The seasons would not have changed
(D) The winters would not have been of longer duration
12. Consider the following statements:
(i) The equatorial low pressure belt is also called as doldrums.
(ii) The winds from subtropical region blow towards the equator as Westerlies.
(iii) The coriolis effect is caused by the rotation of the earth.
(iv) During a sea breeze, wind moves from land to sea

Which of the statement is/are correct?
(A) (i) and (ii)
(B) (i) and (iii)
(C) (iii) and (iv)
(D) (ii) and (iv)
13. Which among the following statements regarding the Great Plains of India is/are correct?
(i) The Great Plains of India is located to the North of Shiwalik
(ii) It is formed by the alluvium deposit carried out by rivers
(iii) Newer alluvium deposits are called Khadar
(iv) The Bhabar is located to the South of the Tarai belt
(A) (i) and (iv)
(B) (i) and (iii)
(C) (ii) and (iii)
(D) (i), (ii) and (iv)
14. With reference to the National Highways Development Project (NHDP), consider the following statements:
(i) Bengaluru and Cuttack lie on the Golden Quadrilateral
(ii) Chandigarh and Hyderabad lie on the North-South corridor
(iii) Vadodara and Ranchi lie on the East-West corridor.

Which of these statements is / are correct?
(A) (i) and (ii)
(B) (i) only
(C) (ii) and (iii)
(D) (i), (ii) and (iii)
15. Which of the following statements are correct regarding Nilgiri biosphere reserve?
(i) It extends across the states of Tamil Nadu, Kerala and Karnataka.
(ii) It is a part of the UNESCO Man and Biosphere programme.

Select the correct option from the codes given below:
(A) only (i)
(B) only (ii)
(C) Both (i) and (ii)
(D) Neither (i) nor (ii)
16. Indian Grey hornbills were recently introduced in which Sanctuary?
(A) Gir National Park
(B) Kanha National Park
(C) Jim Corbett National Park
(D) Kaziranga National Park
17. Arrange the events in ascending order:

1. Nationalization of 14 commercial banks
2. Establishment of National Bank for Agriculture and Rural Development (NABARD)
3. Establishment of Industrial Development Bank of India (IDBI)
4. Nationalization of 6 commercial banks
(A) $(1,2,3,4)$
(B) $(4,2,1,3)$
(C) $(3,1,4,2)$
(D) $(1,3,2,4)$

## A

18. Which of the following programmes is/are examples of rural development schemes?
19. Indira Awas Yojana
20. Pradhan Manthri Awas Yojana
.
(B) (1 and 2 only)
(A) (1 only)
(C) $(1,2,3,4)$
(D) (1, 2, 4 only)
21. Which of the following statements is/are correct?
22. NITI Aayog was formed on January 26, 2015
23. The present CEO of NITI Aayog is Amitabh Kant
24. The Prime Minister of India is the ex-officio chairperson of NITI Aayog
25. There are 5 full time members of NITI Aayog
(A) (1, 2, 3 only)
(B) (1, 3, 4 only)
(C) $(1,2,3,4)$
(D) (2, 3, 4 only)
26. Match the following and choose the correct option
27. Second state Finance Commission - Dr. M.A. Ommen
28. First state Finance Commission = Sri. P. M. Abraham
29. Third Finance Commission = Dr. Prabhath Patnaik
30. Fourth Finance Commission = K. V. Rabindran Nair
(A) (1 and 2 only)
(B) (1 only)
(C) (1, 2, 3 only)
(D) (1, 3, 4 only)
31. Which of the following statements is / are correct?
32. The term Green Revolution was first used by M.S. Swaminathan
33. Green revolution also known as rainbow revolution
(A) (1 only correct)
(B) (1, 2 correct )
(C) (2 only correct)
(D) (1 and 2 are wrong statements)
34. What is the biggest items of Government expenditure in 2022-23 budget?
(A) (Defense)
(B) (Interest payment)
(C) (Pensions)
(D) (Share to state governments)
35. Which among the following statements are not true with regard to the Preamble of the Indian Constitution?
36. The Preamble was inspired by the 'objective resolution' adopted by the constituent assembly
37. Preamble is enforceable in a court of law
38. The Preamble indicates the sources of the Constitution
39. Preamble establishes a federal constitution for India.
(A) 1 and 3
(B) 2 and 4
(C) 4 only
(D) 3 only
40. Which Article of Indian Constitution provides for 'procedure established by law'?
(A) Article 19
(B) Article 20
(C) Article 21
(D) Article 22
41. How many times financial emergency (Article 360) was imposed in India?
(A) 0
(B) 3
(C) 4
(D) 128
42. Which among the following items is/are in the state list of Seventh Schedule?
43. Banking, Public health
44. Banking, Insurance
45. Taxes on agriculture income, Public health
46. Banking, Economic and Social planning
(A) 1
(B) 2
(C) 3
(D) 4
47. Which among the following statements is/are not correct with regard to the advisory jurisdiction of Supreme Court of India?
48. The President can refer a question of law or fact of public importance to the Supreme Court of India.
49. The Supreme Court is bound to give its observation in the matter
50. The President is bound by the opinion of Supreme Court.
51. The judge who does not concur may deliver a dissenting judgement
(A) 1 only
(B) 1 and 2 only
(C) 2 and 3 only
(D) All are true
52. Which among the following is considered as a 'judicial writ'?
(A) Habeus Corpus
(B) Quo Warranto
(C) Certiorari
(D) Prohibition
53. What are the grounds for impeachment of President of India?
54. Violation of Constitution
55. Loss of confidence in Parliament
56. Recommendation of Supreme Court
57. Recommendation of Cabinet
(A) 1
(B) 2
(C) 1 and 2
(D) 1, 2 and 4
58. Who among the following has the right to speak in Parliament of India?
(A) Comptroller and Auditor General of India
(B) Attorney General of India
(C) Election Commissioner of India
(D) Advocate General
59. Which among the following is not a contributing factor to Kerala Model of development?
(A) High Literacy rate
(B) Low Infant mortality
(C) High life expectancy
(D) Low suicide rates

## A

32. What was the initial focus of 'Akshaya' project?
(A) Poverty eradication
(B) Digital Literacy
(C) Internet Connectivity
(D) Service delivery
33. What are the major focus of NWDPRA (National Watershed Development Project for Rainfed areas)?
34. Holistic development of watershed areas
35. Revival of Agrarian sector
36. Natural resource management
37. Livelihood support initiatives
(A) 1, 2 and 3
(B) 2, 3 and 4
(C) 1, 3 and 4
(D) 1, 2, 3 and 4
38. In the State of Kerala which agency is involved in processing the reports of Kerala administrative Reforms committee?
(A) Kerala Administrative Tribunal
(B) Personnel and administrative Reforms Department
(C) High Court of Kerala
(D) Department of Home Affairs
39. Who among the following is the target group of 'Abayakiranam' project?
(A) Victims of Sexual violence
(B) Victims of Child marriage
(C) Destitute and Homeless widows
(D) Aged women
40. The Citizen Amendment Act passed by Government of India is related to
(A) Part-1 of the Constitution
(B) Part-2 of the Constitution
(C) Part-3 of the Constitution
(D) Part-4 of the Constitution
41. Who among the following is chairperson of GST council?
(A) Union Finance Minister
(B) Chief Minister of State
(C) Prime Minister of India
(D) President of India
42. Read the following statements regarding the human skeletal system.
(i) Number of bones in an adult human body is 206.
(ii) Number of bones in a new born baby is more than 206
(iii) Number of bones in a new born baby is less than 206
(iv) The smallest bone in human body is stapes.

Of these statements which are incorrect?
(A) Both (i) and (iii)
(B) (ii) only
(C) (iii) only
(D) All are correct
39. Of the following vitamins, deficiency of which vitamin may cause excessive bleeding on injury?
(A) Calciferol
(B) Retinol
(C) Phylloquinone
(D) Thiamine
40. Observe the table below which shows the combination of disease and its causative organism.

| SI. No. | Disease | Causative organism |
| :---: | :--- | :--- |
| i. | Amoebiasis | Entamoeba |
| ii. | Malaria | Plasmodium |
| iii. | Filariasis | Wucheraria |
| iv. | Ascariasis | Ascaris |

Of these combinations, identify that are incorrectly matched
(A) (iii) only
(B) Both
(ii) and (iii)
(C) Both (i) and (iii)
(D) None of these
41. Of the following schemes of Kerala Government which acts as a relief measure for the endosulfan victims in the state?
(A) Snehasparsham
(B) Snehasanthwanam
(C) Prathyasha
(D) Samashwasam
42. Glycated Haemoglobin Test (HbA1C Test) is used to diagnose the disease
(A) Diabetes mellitus
(B) Corona
(C) Hepatitis B
(D) Anaemia
43. Parsec is a unit of $\qquad$
(A) Angle
(B) Length
(C) Time
(D) Radioactivity
44. All moving bodies possess momentum and kinetic energy.

Kinetic Energy of a Body of mass 4 Kg is 200 Joules. Calculate its momentum.
(A) $400 \mathrm{Kg} \mathrm{m} / \mathrm{s}$
(B) $100 \mathrm{Kg} \mathrm{m} / \mathrm{s}$
(C) $800 \mathrm{Kg} \mathrm{m} / \mathrm{s}$
(D) $40 \mathrm{Kg} \mathrm{m} / \mathrm{s}$
45. Degree Celsius and Fahrenheit are 2 different units to measure temperature. At what temperature in the Celsius scale, the Fahrenheit scale will read the same?
(A) $-32^{\circ} \mathrm{C}$
(B) $40^{\circ} \mathrm{C}$
(C) $-40^{\circ} \mathrm{C}$
(D) $273^{\circ} \mathrm{C}$

## A

46. The Nobel Prize in Physics 2021 has been awarded to Syukuro Manabe, Klaus Hasselmann and Giorgio Parisi. Manabe and Hasselmann were jointly honored for "the physical modelling of Earth's climate, quantifying variability and reliably predicting global warming."
Giorgio Parisi was honored for $\qquad$
(A) "the discovery of the interplay of disorder and fluctuations in physical system from atomic to planetary scales."
(B) "the discovery of a supermassive compact object at the centre of our galaxy."
(C) "theoretical discoveries in Physical Cosmology."
(D) "groundbreaking inventions in the field of Laser Physics."
47. The value of enthalpy of mixing of benzene and toluene is
(A) Zero
(B) Negative
(C) Positive
(D) Unity
48. The hybridisation of $\mathrm{C}_{1}-\mathrm{C}_{2}-\mathrm{C}_{3}$ carbon atoms in propene molecule is
(A) $\mathrm{sp}^{3}-\mathrm{sp}^{2}-\mathrm{sp}^{2}$
(B) $\mathrm{sp}^{2}-\mathrm{sp}^{2}-\mathrm{sp}^{3}$
(C) $\mathrm{sp}^{3}-\mathrm{sp}^{3}-\mathrm{sp}^{2}$
(D) $\mathrm{sp}^{2}-\mathrm{sp}^{3}-\mathrm{sp}^{3}$
49. The temperature at which a real gas obeys ideal gas laws over an appreciable range of pressure is called
(A) Critical temperature
(B) Kraft temperature
(C) Boyle temperature
(D) Curie temperature
50. Which among the following statements are correct?
(i) Eco system restoration was the theme of World Environment Day of the year 2021.
(ii) Pakistan served the global host for World Environment Day 2021.
(iii) Ecosystem restoration means a process of reversing the damage caused to the ecosystem and help in its recovery.
(A) i and iii
(B) ii and iii
(C) i and ii
(D) i, ii and iii
51. If $\sqrt{2^{n}}=128$, then the value of $n$ is
(A) 2
(B) 8
(C) 12
(D) 14
52. Two numbers are in the ratio of $3: 5$. If each number is increased by 10 , the ratio becomes 5:7. The numbers are
(A) 3,5
(B) 15, 25
(C) 12, 20
(D) 18, 30
53. A can do a piece of work in 30 days, while $B$ alone can do it in 40 days. In how many days can $A$ and $B$ working together do it?
(A) 17 and $1 / 7$
(B) 27 and $1 / 7$
(C) 42 and $3 / 4$
(D) 70
54. A grocer purchased 80 kg of rice at rupees 23.5 per kg and mixed it with 120 kg rice at rupees 26 per kg. At what rate per kg should he sell the mixture to gain $16 \%$ profit?
(A) Rs. 29
(B) Rs. 27.50
(C) Rs, 29.50
(D) Rs. 30
55. The sum of the squares of three consecutive odd numbers is 251 . The numbers are:
(A) 1, 3, 5
(B) $3,5,7$
(C) $5,7,9$
(D) 7, 9, 11
56. July 3, 1970 was a Friday, then July 3, 1977 was a
(A) Sunday
(B) Monday
(C) Saturday
(D) Friday
57. Find the odd man out

8, 27, 64, 100, 125, 216, 343
(A) 27
(B) 100
(C) 125
(D) 343
58. If $Y=50$, SEA $=50$, then 'YACHT' will be equal to
(A) 57
(B) 110
(C) 114
(D) None of these
59. While looking at old photographs, Manju came across a photo and pointing towards a boy in it, Manju said, "He is the only son of the only daughter of my grandfather". How is Manju related to the boy?
(A) mother
(B) daughter
(C) sister
(D) grandmother
60. The time shown by the reflection of a clock in a mirror is $\mathbf{7}$ hours $\mathbf{2 5}$ minutes. What is the actual time in that clock?
(A) 4 hrs 25 min
(B) 5 hrs 35 min
(C) 1 hr 55 min
(D) 4 hrs 35 min
61. If I studied with confidence I $\qquad$ the exam.
(A) would have passed
(B) would have been passing
(C) will pass
(D) would pass
62. The teacher, along with his students $\qquad$ .
(A) has arrived
(B) have arrived
(C) are arriving
(D) were arriving
63. This paper is inferior $\qquad$ that
(A) than
(B) by
(C) to
(D) for
64. Let us begin the work, ......? Add a suitable tag.
(A) should we?
(B) Shouldn't we?
(C) Shall we?
(D) Can we?

## A

65．Select the correct passive voice out of the four suggested alternatives for the following sentence．

The boys were watching football match．
（A）Football match has been watched by the boys
（B）Football match had been watched by the boys
（C）Football match was watched by the boys
（D）Football match was being watched by the boys
66．A $\qquad$ of lions lived in the jungle．
（A）pride
（B）litter
（C）flock
（D）gaggle

67．Choose the correct antonym for the word＇conceal＇
（A）relieve
（B）receive
（C）reveal
（D）revere

68．Select the correctly spelt word from the following options
（A）inteligence
（B）intelligence
（C）intelligance
（D）inteligance

69．Select the suitable one word substitute for＇an ability to stay calm in difficult situations＇
（A）sensitive
（B）sangfroid
（C）sanctity
（D）sardonic

70．Her marriage has been $\qquad$ till next year．
（A）put on
（B）put off
（C）put out
（D）put up with


（B）©ુన



（A）にாிமゥ๑๐
（B）（СВвゥのо
（C）તேறßிறృ







（A） （


（D）ఐவைையృూஓ

（A）வைறறンor＂
（B）ハைノிக
（C）（உிఱ๐నィ
（D）هறறை






（A）صிட๐
（B）கலியியு
（C）®กธชிறเ
（D）8ேவிறை

（A）\＆eron muml
（B）તைறை๑ พறயை
（C）вிறைறையை



（A）กญ్ఱை

（C）உலవృగర


（A）నఱண゙
（B）（உの円в๐
（C）உ®க๐
（D）T్మMం

81．OCR software is capable of converting $\qquad$ into ASCII codes．
（A）audio
（B）video
（C）image
（D）EBCDIC
82. $\qquad$ is the identification code of each word in memory．
（A）Address
（B）Register
（C）Cell
（D）MAR

## A

83. $\qquad$ is the electronic circuit capable of storing a binary 0 or 1.
(A) Switch
(B) Flipflop
(C) Relay
(D) NAND
84. One of the important functions of operating system is $\qquad$
(A) Translating source code to object code
(B) Process scheduling
(C) Loading a program for execution
(D) All of these
85. Decimal 174 is represented in hexadecimal as $\qquad$
(A) 6 F
(B) 6 E
(C) AF
(D) AE
86. The shortcut key combination to select the whole contents of a word document is $\qquad$
(A) CTRL + S
(B) CTRL + E
(C) CTRL + W
(D) CTRL + A
87. The properties of a word document can be viewed and changed from $\qquad$ menu
(A) Prepare
(B) Publish
(C) Save
(D) Open
88. COUNTA() function in Excel
(A) Counts cells having numbers
(B) Counts cells having alphabets
(C) Counts cells that are empty
(D) Counts cells that are not empty
89. $\qquad$ key can be used to update formulas in an Excel Sheet when Auto Calculate mode is disabled.
(A) F8
(B) F9
(C) F10
(D) F11
90. An exact copy of the current slide in a powerpoint presentation can be made by the shortcut key.
(A) CTRL + B
(B) CTRL + C
(C) CTRL + D
(D) CTRL + E
91. In $\qquad$ the code associated with a function call is not known until the call is actually made at run-time.
(A) Polymorphism
(B) Inheritance
(C) Dynamic binding
(D) Data abstraction
92. Member functions in a C++ class are usually declared as $\qquad$
(A) Inline
(B) Nested
(C) Private
(D) Public
93. The solution explorer in VB.Net doesn't display
(A) Form file
(B) Reference folder
(C) Form properties
(D) Assemble file
94. In VB.Net the CancelButton property belongs to $\qquad$ object.
(A) Label
(B) TextBox
(C) Button
(D) Form
95. A set of one or more attributes, when taken together, uniquely identifies each entity is called a $\qquad$
(A) Super key
(B) Primary key
(C) Candidate key
(D) Foreign key
96. The SQL command to retrieve the details of all voters whose name (attribute name VNAME) ends with "se" from VOTERS table is $\qquad$
(A) Select * from VOTERS where VNAME like 'se';
(B) Select * from VOTERS where VNAME like '\%se';
(C) Select * from VOTERS where VNAME like '\$se';
(D) Select * from VOTERS where VNAME like '\&se';
97. $\qquad$ is the command used to remove an already existing relation from a data base.
(A) Remove
(B) Drop
(C) Delete
(D) Zap
98. URL means:
(A) Uniform Request Locator
(B) Uniform Reference Locator
(C) Uniform Resource Locator
(D) Uniform Resume Locator
99. $\qquad$ HTML tag is used to add a title to a table.
(A) Caption
(B) Header
(C) Title
(D) None of these
100. JavaScript allows passing of parameters by
(A) value
(B) name
(C) reference
(D) all of these

A

SPACE FOR ROUGH WORK

