- 1. During the time of which Mughal Emperor did Sir Thomas Roe come to India?
  - (A) Babur

(B) Akbar

- (C) Jahangir
- (D) Shah Jahan
- (E) None of the above/More than one of the above
- 2. Ain-i-Akbari was written by
  - (A) Abdul Qadir
  - (B) Akbar
  - (C) Khwaja Nizamuddin
  - (D) Abul Fazi
  - (E) None of the above/More than one of the above
- 3. The Ryotwari system was first implemented in
  - (A) Gujarat
  - (B) Madras
  - (C) Bombay
  - (D) Orissa
  - (E) None of the above/More than one of the above

4. The Uprising of 1857 was described as the 'First Indian War of Independence' by

(A) V. D. Savarkar

- (B) Bal Gangadhar Tilak
- (C) R. C. Majumdar
- (D) Dadabhai Naoroji
- (E) None of the above/More than one of the above
- 5. The first woman President of the Indian National Congress was
  - (A) Sarojini Naidu
  - (B) Annie Besant
  - (C) Kasturba Gandhi
  - (D) Aruna Asaf Ali
  - (E) None of the above/More than one of the above
- 6. Who started the journal, Bahishkrita Bharat?

(A) Jyotiba Phule

- (B) Karsandas Mulji
- (C) Bal Gangadhar Tilak
- (D) Babasaheb Ambedkar
- (E) None of the above/More than one of the above

- 7. The Forward Bloc was founded by
  - (A) Sardarsinhji Rana
  - (B) Subhas Chandra Bose
  - (C) Jayaprakash Narayan
  - (D) Lakshmi Sahgal
  - (E) None of the above/More than one of the above
- 8. Who was the Finance Minister in the Interim Government?
  - (A) Liaquat Ali Khan
  - (B) Sardar Patel
  - (C) M. A. Jinnah
  - (D) Jawaharlal Nehru
  - (E) None of the above/More than one of the above
- 9. Who took the lead of the Santhal Rebellion of 1855 AD?
  - (A) Sidhu and Kanhu
  - (B) Budhu Bhagat and Teja Bhagat
  - (C) Mulu Manek and Jodha Manek
  - (D) Madari Pasi and Sahadev
  - (E) None of the above/More than one of the above
- 10. Who invited Gandhiji to come to Champaran?
  - (A) Raj Kumar Shukla
  - (B) Rajendra Prasad
  - (C) Jayaprakash Narayan
  - (D) Krishna Sahay
  - (E) None of the above/More than one of the above

- 11. Who had attained enlightenment in Bodh Gaya?
  - (A) Mahavira Swami
  - (B) Gautama Buddha
  - (C) Simandhar Swami
  - (D) Parshvanath Swami
  - (E) None of the above/More than one of the above
- 12. Who established a branch of Anushilan Samiti in Patna in 1913 AD?
  - (A) Ramananda Sinha
  - (B) Satish Jha
  - (C) Sachindra Nath Sanyal
  - (D) Bipin Jha
  - (E) None of the above/More than one of the above
- 13. Who had formed the Bihar Socialist Party in 1931 AD?
  - (A) Phulan Chand Tiwari and Rajendra Prasad
  - (B) Phulan Prasad Varma and Jayaprakash Narayan
  - (C) Raj Kumar Shukla and Swami Agnivesh
  - (D) Swami Sahajananda and Swami Yogananda
  - (E) None of the above/More than one of the above
- 14. Where is Sher Shah's tomb located?
  - (A) Sasaram
  - (B) Maner
  - (C) Sitamarhi
  - (D) Pavapuri
  - (E) None of the above/More than one of the above

- 15. Which one of the following Harappan sites is in Gujarat?
  - (A) Lothal
  - (B) Dabarkot
  - (E) Kalibangan
  - (D) Rakhigarhi
  - (E) None of the above/More than one of the above
- 16. Who was the founder of the Chola Dynasty?
  - (A) Vijayalaya
  - (B) Karikala
  - (C) Aditya I
  - (D) Rajaraja I
  - (E) None of the above/More than one of the above
- 17. Who was the President of the First Buddhist Council?

(A) Vasumitra

Vasumitra

- (B) Mahakashyapa
- Makia
- (C) Sangharaksha
- (D) Parshvaka
- (E) None of the above/More than one of the above

- 18. Who wrote the book, Kiratarjuniya?
  - (A) Bhatti
  - (B) Shudraka
  - (C) Kalidasa
  - (D) Bharavi
  - (E) None of the above/More than one of the above
- 19. The Qutub Minar was completed by
  - (A) Iltutmish
  - (B) Qutb-ud-din Aibak
  - (C) Ulugh Khan
  - (D) Raziya Sultana
  - (E) None of the above/More than one of the above
- 20. Who was the founder of the Vijayanagara Empire?
  - (A) Deva Raya I
  - (B) Krishnadeva Raya
  - (C) Harihara-Bukka
  - (D) Vira Narasimha Raya
  - (E) None of the above/More than one of the above

- 21. Ganga Plain has been described as a
  - (A) pediplain
  - By peneplain
  - (C) geosyncline
  - (D) karst plain
  - (E) None of the above/More than one of the above
- Which of the following is a freshwater lake?
  - (A) Chilika
  - (B) Sambhar
  - (C) Wular
  - (D) Løktak
  - (E) None of the above/More than one of the above
- 23. Which of the following planets has the least density?
  - (A) Earth
  - (B) Mars
  - (C) Venus
  - (D) Saturn
  - (E) None of the above/More than one of the above
- 24. What is the most famous feature of Chiria located in West Singhbhum?
  - (A) Iron Ore Mining
  - (B) Dam
    - (C) Bird Sanctuary
    - (D) National Park
    - (E) None of the above/More than one of the above

- 25. Pattiseema Project is associated with the integration of which of the following rivers?
  - Krishna and Kaveri
  - (B) Krishna and Godavari
  - (C) Godavari and Mahanadi
  - (D) Ganga and Brahmaputra
  - (E) None of the above/More than one of the above
- Which of the following statements are concerned with eskers and drumlins?
  - Eskers are ridges of crudely bedded gravels and sands.
  - Drumlins are constituted mostly of boulder and clay.
  - Basket of eggs topography is the characteristic of terrains with eskers.
  - While eskers are built by glacier streams, drumlins result from glacier action.

Choose the correct answer from the options given below.

- (A) 1, 2 and 3
- (B) 1/2 and 4
- (C) 3 and 4 only
- (D) 1 and 2 only
- (E) None of the above/More than one of the above
- 27. Combustion of underground coal occurs in the State of
  - (A) West Bengal
  - (B) Bihar
  - (C) Jharkhand
  - (D) Odisha
  - (E) None of the above/More than one of the above

28. Which district of Bihar has mica deposits?

My Rohtas

- (B) Patna
- (C) Gaya
- (D) Saran
- (E) None of the above/More than one of the above
- 29. The confluence of the rivers Son and Ganga is located in which district of Bihar?

Buxar

- (B) Patna
- (C) Bhojpur
- (D) Nalanda
- (E) None of the above/More than one of the above
- 30. The rivers Damodar, Koel and Subarnarekha originate from which of the following?
  - (A) Deccan Plateau
  - (B) Central Highland
  - Chota Nagpur Plateau
  - (D) Meghalaya Plateau
  - (E) None of the above/More than one of the above

- 31. Which is the first Ramsar Site in Bihar?
  - (A) Kaimur Range
  - (B) Kharagpur Lake

(2) Kanwar Lake

- (D) Rajgir Hill
- (E) None of the above/More than one of the above
- 32. Brahmayoni Hill is located in which district of Bihar?

(A) Gaya

- (B) Rohtas
- (C) Nalanda
- (D) Nawada
- (E) None of the above/More than one of the above
- 33. Which agroclimatic region of Bihar has the highest number of districts?
  - (A) Northern East
  - (B) Northern West
  - (C) Southern East
  - (D) Southern West
  - (E) None of the above/More than one of the above

- 34. Geodesy is the science that deals with
  - (A) dating of terrestrial rock
  - (B) measurement of dimension of the earth
  - (C) measurement of elevation and depression of the earth
  - (D) recording of the changes undergone by the crust
  - (E) None of the above/More than one of the above
- 35. The theory of continental drift was developed by
  - (A) J. J. Wilson
  - (B) A. Wegener
  - (C) Du Toit
  - (D) H. Hess
  - (E) None of the above/More than one of the above
- 36. Sunda Trench lies parallel to the
  - (A) Java
  - (B) Maldives
  - (C) Sumatra
  - (D) Mauritius
  - (E) None of the above/More than one of the above
- 37. An effective Coriolis force results from
  - (A) solar system
  - (B) earth rotation
  - (C) interior of the earth
  - (D) Colorado and Gulf Streams
  - (E) None of the above/More than one of the above

- 38. Which of the following countries does not have a land border with the Dead Sea?
  - (A) Jebanon
  - (B) Jordan
  - (C) Israel
  - (D) Palestine
  - (E) None of the above/More than one of the above
- Ilmenite, which is widely distributed along the Indian coastline, is a mineral of
  - (A) tungsten
  - (B) titanium
  - (C) gallium
  - (D) tin
  - (E) None of the above/More than one of the above
- 40. Compare the Himalayan river with the Peninsular river based on the following comparisons:
  - Most of the Himalayan rivers are perennial, whereas most of the Peninsular rivers are rain fed.
  - The gradient of the Himalayan river is steeper than the Peninsular river.
  - The Peninsular river causes more erosion on its way in comparison to the Himalayan river.

Choose the correct answer from the options given below.

- (A) 1 and 2 only
- (B) 2 and 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3
- (E) None of the above/More than one of the above

- 41. The members of a State Legislative Council are not chosen by which of the following categories of persons?
  - (A) Members of the local bodies/ Panchayats
  - (B) Teachers
  - (C) Ofaduates
  - (D) Industrialists
  - None of the above/More than one of the above
- 42. The 'split system' in the Indian administration relates to
  - (A) Audit/Accounts
  - (B) Union/States
  - (C) Policy/Implementation
  - (D) All India Services/Central Services
  - (E) None of the above/More than one of the above
- 43. Which of the following is a Parliamentary Committee relating to delegation of power to make rules and regulations to the Executive?
  - (A) Committee on Executive

Legislation

(B) Committee on Subordinate

Legislation

- (C) Committee on Administrative Legislation
- Committee on Delegated
  Legislation
- (E) None of the above/More than one of the above
- 44. Article 300 of the Indian Constitution deals with
  - (A) suits and proceedings
  - (B) government contracts
  - (C) Attorney General
  - restrictions on trade and

commerce

- (E) None of the above/More than one of the above
- 45. Judicial process in India is based on (A) the Constitution
  - the due process of routine law
  - (C) Conventions
  - the procedure established by law
  - (E) None of the above/More than one of the above

- 46. The first 'Lokayukta' was established in which of the following States?
  - (A) Odiska
  - (B) Kerala
  - (C) Maharashtra
  - (D) Punjab
  - (E) None of the above/More than one of the above
- 47. Which of the following posts was held by A. S. Anand in late 1990's?
  - (A) Comptroller and Auditor General
  - (B) Chief Justice of India
  - (C) Chief Vigilance Commissioner
  - (D) Attorney General
  - (E) None of the above/More than one of the above
- 48. Which of the following is not a part of the Eleventh Schedule of the Constitution?
  - (A) Libraries
  - (B) Fuel and Fodder
  - (C) Rural Sports
  - (D) Technical Training
  - (E) None of the above/More than one of the above
- 49. How many (number) 'Demands for Grants' are put before the Parliament as a part of the Annual Budget in pursuance to Article 113 of the Constitution?
  - (A) 98
  - (B) 96
  - (C) 104
  - (D) 109
  - (E) None of the above/More than one of the above
- 50. In which year was the 'National Extension Service' launched?
  - (A) 1953
  - (B) 1957
  - (C) 1960
  - (D) 1972
  - (E) None of the above/More than one of the above

- 51. The best index of economic development is provided by
  - (A) growth in national income at current prices
  - (B) growth in per capita real income from year to year
  - (C) growth in savings ratio
  - (D) improvement in balance of payments position
  - (E) None of the above/More than one of the above
- 52. The second phase of the Swachh Bharat Mission (Grameen) is to be implemented during which time period?
  - (A) 2020-21 to 2022-23
  - (B) 2020-21 to 2023-24
  - (C) 2020-21 to 2024-25
  - (D) 2020-21 to 2025-26
  - (E) None of the above/More than one of the above
- 53. Who among the following is not a part of the National Development Council?
  - (A) The Secretary of the NITI Aayog
  - (B) The Secretary of the Planning and Programme Implementation Ministry
  - (C) The Vice Chairman of the NITI
    Aayog
  - (D) The Chairman of the Finance Commission of India
  - (E) None of the above/More than one of the above

## 54. Match List-I with List-II:

List-1

a. Sarkaria Commission	1. To Review the Methodology for Measurement of Poverty		
b. C. Rangarajan	2. Infrastructure		
Committee	Financing		
c. Parekh	3. Central-State		
Committee	Relationship		
d. Narasimham	4. Banking Sector		
Committee	Reforms		

List-II

Choose the correct answer from the options given below.

uss	а	b	C	d
3	1	2	4	
(B)	a	b	C	d
	2	1	3	4
(C)	a	b	C	d
	4	3	2	1
(D)	a	b	C	d
2 6	1	2	4	3

- (E) None of the above/More than one of the above
- 55. Consider the following States:
  - 1. Punjab
  - 2. Uttar Pradesh
  - 3. Andhra Pradesh
  - 4. West Bengal

Choose the correct sequence of the above in ascending order as rice-producing States in India.

- (A) West Bengal, Punjab, Andhra Pradesh, Uttar Pradesh
- (B) West Bengal, Uttar Pradesh, Andhra Pradesh, Punjab
- (C) Andhra Pradesh, Uttar Pradesh, West Bengal, Punjab
- (D) Andhra Pradesh, Punjab, Uttar Pradesh, West Bengal
- (E) None of the above/More than one of the above

- 56. With reference to the Finance Commission of India, consider the following statements:
  - The Finance Commission is a statutory body.
  - The Finance Commission was set up under Article 280 of the Constitution.
  - The recommendations made by the Finance Commission are only advisory in nature.
  - The first Finance Commission was set up in 1950.

Which of the above statements are correct?

- (A) 1 and 4 only
- (B) 3 and 4 only
- (C) 2 and 3 only
- (D) 2 and 4 only
- (E) None of the above/More than one of the above
- 57. With reference to the Bare Necessities Index (BNI), consider the following statements:
  - The economic survey has come up with the Bare Necessities Index at rural and urban levels.
  - The BNI has been created for all States for 2018 only.
  - The BNI is based on 26 indicators.
  - 4. The BNI consists of six dimensions.

Which of the above statements are correct?

- (A) 1 and 3 only
- (B) 2 and 3 only
- je 1 and 4 only
- (D) 2 and 4 only
- (E) None of the above/More than one of the above

- 88. Which type of banks is proposed to be established for agriculture and rural development in Bihar?
  - (A) Krishi Vigyan Banks
  - (B) Krishi Yantra Banks
  - (C) Krishi Vikas Banks
  - (D) Krishi Utthaan Banks
  - (E) None of the above/More than one of the above
- 59. The value of Human Development Index of Bihar in 2019 was
  - (A) 0.641
  - (B) 0.613
  - (C) 0.596
  - (D) 0.574
  - (E) None of the above/More than one of the above
- 60. The fiscal deficit in Bihar during 2021-22 is estimated as
  - (A) ₹22,511 crores
  - (B) ₹27,617 crores
  - (C) 720,011 crores
  - (D) ₹21,543 crores
  - (E) None of the above/More than one of the above

- 61. Under Digital Bihar Programme, which students will receive computer education and training from 2021-22 onwards?
  - (A) All students of Class V
  - (B) All students of Class VI
  - (C) All students of Class VII
  - (D) All students of Class VIII
  - (E) None of the above/More than one of the above
- 62. According to the 15th Finance Commission's recommendations, how much share will Bihar receive in divisible pool of Central taxes from 2021-26?

(A) 4-12 percent

- (B) 4·23 percent
- (C) 4-89 percent
- (D) 4-06 percent
- (E) None of the above/More than one of the above

- 63. Who among the following is not a member of the 15th Finance Commission?
  - M Ashok Kumar Lahiri
  - (B) Sudipto Mundle
  - (C) Ramesh Chand
  - (D) Ajay Narayan Jha
  - (E) None of the above/More than one of the above
- 64. In the recent Union Budget, the FM has increased the Foreign Direct Investment (FDI) limit in the insurance sector from the existing one to
  - (A) 50%
  - (B) 62%

JET 74%

- (D) 100%
- (E) None of the above/More than one of the above
- 65. As per the Union Budget, 2021, the fiscal deficit is estimated to be how much percent of the GDP in 2021-22?
  - (A) 8.8%
  - (B) 7.8%
  - (C) 7.6%

(DY 6.8%

(E) None of the above/More than one of the above

- 66. Who established Indian Association in 1876 AD?
  - (A) Surendranath Banerjee
  - (B) Chittaranjan Das
  - (C) W. C. Banerjee
  - (D) Aurobindo Ghosh
  - (E) None of the above/More than one of the above
- 67. In which country was the honorific 'Netaji' applied to the name of Subhas Chandra Bose?
  - (A) India
  - (B) Italy
  - (C) Germany
  - (D) Japan
  - (E) None of the above/More than one of the above
- 68. Who is related to 'Chittagong Armoury Raid'?
  - (A) Rash Behari Bose
  - (B) Chandra Shekhar Azad
  - (C) Batakeshwar Dutt
  - (D) Surya Sen
  - (E) None of the above/More than one of the above
- 69. In Anandamath of Bankim Chandra Chatterjee, which revolt is mentioned?
  - (A) Sannyasi
  - (B) Kuka
  - (C) Santhal
  - Neel (Indigo)
  - (E) None of the above/More than one of the above

- 70. Which of the following events happened first?
  - (A) Quit India Resolution
  - Arrival of the Cripps Mission
  - (C) Arrival of Lord Wavell as the Governor General
  - (D) Arrival of the Cabinet Mission
  - (E) None of the above/More than one of the above
- 71. Who was the President of Lahore Session of the Indian National Congress held in 1929 AD?
  - (A) Vallabhbhai Patel
  - (B) Motilal Nehru
  - (e) Jawaharlal Nehru
  - (D) Rajendra Prasad
  - (E) None of the above/More than one of the above
- 72. Who is not related to the Champaran Satyagraha of 1917 AD?
  - (A) J. B. Kripalani
  - (B) Raj Kumar Shukla
  - (C) Rajendra Prasad
  - (D) Ram Manohar Lohia
  - (E) None of the above/More than one of the above
- 73. One of the leaders of the Revolt of 1857 AD, Kunwar Singh was related to which place?
  - (A) Gwalior
  - (B) Jagdishpur
  - (C) Jhansi
  - (D) Meerut
  - (E) None of the above/More than one of the above

- 74. During Quit India Movement, who among the following escaped from the Hazaribagh Jail?
  - (A) Sachchidananda Sinha
  - Jayaprakash Narayan
  - (C) Jagjivan Ram
  - (D) Rafi Ahmed Kidwai
  - (E) None of the above/More than one of the above
- 75. Who was the President of Gaya Session of the Indian National Congress held in 1922 AD?
  - Chittaranjan Das
  - (B) Hakim Ajmal Khan
  - (C) Mahatma Gandhi
  - (D) Maulana Abul Kalam Azad
  - (E) None of the above/More than one of the above
- 76. What portfolio Rajendra Prasad held in the Interim Government established in 1946 AD?
  - (A) Finance
  - (B) Defence
  - (C) Home
    (D) Food and Agriculture
  - (E) None of the above/More than one of the above

- 77. Where was the Ghadar Park established?
  - (A) Germany
  - (B) United States of America
  - (C) France
  - (D) England
  - (E) None of the above/More than one of the above
- 78. Who established the Servants of India Society in 1905 AD?
  - (A) Surendranath Banerjee
  - (B) Bipin Chandra Pal
  - (C) Mahadev Govind Ranade
  - (D) Gopal Krishna Gokhale
  - (E) None of the above/More than one of the above
- 79. Who has written the book, Unhappy India?
  - (A) Bal Gangadhar Tilak
  - (B) Annie Besant
  - (C) Lala Lajpat Rai
  - A. O. Hume
  - (E) None of the above/More than one of the above
- 80. Who participated in all the three Round Table Conferences?
  - (A) Maulana Abul Kalam Azad
  - (B) Madan Mohan Malaviya
  - (C) B. R. Ambedkar
  - (D) Mahatma Gandhi
  - (E) None of the above/More than one of the above

- **81.** The value of  $\log_{\sqrt{2}}(32)$  is
  - (A)  $\frac{5}{2}$

(B) 5

- (C) 10
- (D)  $\frac{1}{10}$
- (E) None of the above/More than one of the above
- 82. By selling 45 lemons for \$\(^40\), a man loses 20%. How many should he sell for \$\(^24\) to gain 20% in the transaction?

  45 \(^240 \rightarrow 240 \rightarrow 20'\)
  - (A) 16

224 -1+204.

40 = 9 (C) 20

(D) 22

(E) None of the above/More than one of the above

24 7 83. A frain 110 m long is travelling at a speed of 58 kmph. The time in which it will pass a passerby walking at 4 kmph in the same direction is

- (A) 6 seconds
- (B)  $7\frac{1}{2}$  seconds
- (C)  $7\frac{1}{3}$  seconds
- (D) 8 seconds
- (E) None of the above/More than one of the above

length of the longer diagonal is

84. The perimeter of a rhombus is 52 m and its shorter diagonal is 10 m. The

(B) 18 m 13, 13

(C) 10 m

(D) 24 m

(E) None of the above/More than one of the above

85. In a 100 m race, A runs at 8 kmph. If A gives B a start of 4 m and still beats him by 15 seconds, what is the speed of B?

(A) 5 kmph 451-) 40, 748

100

(B) 5.76 kmph

(C) 6 kmph

(D) 6·34 kmph

(E) None of the above/More than one of the above

06/FG/CC/PT-2022/26-D

So Ber Kungh

- 86. A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours. What will be the true time when the clock indicates 1 p.m. on the following day?
  - (A) 12 noon
  - (B) 48 minutes past 12 noon
  - (C) 1 p.m.
  - (D) 2 p.m.

(E) None of the above/More than one of the above

87. The value of the continued fraction

$$2 - \frac{1}{2 - \frac{1}{2 - \frac{1}{\dots}}}$$

is

- (A) 1
- (B) -1
- (C) 2
- (D) 0
- (E) None of the above/More than one of the above

06/FG/CC/PT-2022/26-D

28

- 88. How many numbers between 200 and 600 are divisible by 4, 5 and 6?
  - (A) 4

(B) 5

- (D) 8
- (E) None of the above/More than one of the above
- 89. If n is any positive integer, then  $(3^{4n}-4^{3n})$  is always divisible by
  - (A) 7
  - (B) 17
  - (C) 112

145

- (E) None of the above/More than one of the above
- 90. The difference between the squares of two numbers is 256000 and the sum of the numbers is 1000. The numbers are
  - (A) 600, 400
  - (B) 640, 360

(0) 628, 372

- (D) 650, 350
- (E) None of the above/More than one of the above

- 91. If a feather, a rubber ball and a wooden ball are falling freely simultaneously from the same height in vacuum, then
  - (A) the feather will reach at the ground first
  - (B) the rubber ball will reach at the ground first
  - (C) the wooden ball will reach at the
  - all the three will reach at the ground together
  - (E) None of the above/More than one of the above
- 92. When a soap film on the water is seen in the daytime, it shows beautiful colours. This phenomenon is due to
  - (A) diffraction of light
  - (B) refraction of light
  - (C) polarization of light
  - (D) interference of light
  - (E) None of the above/More than one of the above
- 93. The mass number of a nucleus is
  - (A) the sum of the numbers of neutrons and protons
  - (B) the total mass of neutrons and protons
  - (C) always more than the atomic weight
  - (D) always less than its atomic number
  - (E) None of the above/More than one of the above
- 94. Which of the following is the main ingredient of cement?
  - (A) Limestone
  - (B) Silica clay
  - (C) Gypsum
  - (D) Ash
  - (E) None of the above/More than one of the above

- 95. Isotopes of an element differ in
  - (A) the number of protons
  - (B) the mass number
  - (C) the number of electrons
  - (D) the atomic number
  - (E) None of the above/More than one of the above
- 96. The temperature point at which solid, liquid and gaseous states may stay together is known as
  - (A) boiling point
  - (B) melting point
  - (C) freezing point
  - (D) triple point
  - (E) None of the above/More than one of the above
- 97. The most important ore of aluminium
  - (A) bauxite
  - (B) calamine
  - (C) calcite
  - (D) galena
  - (E) None of the above/More than one of the above
- 98. Which among the following solutions has pH value more than 7?
  - (A) Buffer solution
  - (B) Basic solution
  - (C) Acidic solution
  - (D) Neutral solution
  - (E) None of the above/More than one of the above

## A·N= e A·M= ptn

- 99. Which among the following is an incorrect option?
  - Atom is electrically neutral due to presence of protons and electrons inside the nucleus.
    - (B) Electrons are negatively charged and have negligible mass.
    - (C) Atomic number is the number of protons in an atom of an element.
    - (D) Isotopes are useful as nuclear fuel, in medical field, in carbon dating, etc.
  - (E) None of the above/More than one of the above
- 100. Select the incorrect statement out of the following.
  - (A) Cotton is suitable for use as clothing in summer because it absorbs moisture.
  - (B) Polycarbonate is used for making
  - Acrylic is also called artificial silk as it is prepared from cotton but has shine like silk.
  - (D) Teflon is used for coating non-stick kitchenwares.
  - (E) None of the above/More than one of the above
- 101. Which of the following statements about graphite and diamond is true?
  - (A) They have the same crystal structure.
  - (B) They have the same hardness.
  - (C) They have the same electrical conductivity.
  - (D) They can undergo the same chemical reaction.
  - (E) None of the above/More than one of the above

- 102. Which of the following is the major constituent of the liquefied petroleum gas?
  - (A) Methane
  - (B) Ethane
  - (C) Propane
  - (D) Butane
  - None of the above/More than one of the above
- 103. Water passes from the soil into the roots by a physical process called
  - (A) diffusion
  - (B) transpiration
  - (C) absorption
  - (D) osmosis
  - (E) None of the above/More than one of the above
- 104. Biodegradable wastes can usually be converted into useful substance with the help of
  - (A) bacteria
  - (B) viruses
  - (C) nuclear proteins
  - (D) radioactive substances
  - (E) None of the above/More than one of the above
- 105. In the nighttime, it is advised not to sleep under trees because
  - (A) they liberate less amount of oxygen
  - (B) they liberate harmful gases at night
  - they liberate carbon dioxide
  - (D) they liberate carbon monoxide
  - (E) None of the above/More than one of the above

- 106. Insectivorous plants grow in soil deficient in
  - (A) water
  - (B) magnesium
  - (C) nitrogen
  - (D) calcium
  - (E) None of the above/More than one of the above
- 107. Stem of a plant helps in distributing food to all parts of the plant. It also helps in
  - (A) storing the food
  - (B) shaping the plant
  - (C) respiration
  - (D) photosynthesis
  - (E) None of the above/More than one of the above
- 108. In transfusion, blood must be compatible not only in blood type but also in
  - (A) Rh factor
  - (B) the number of white cells
  - (C) the number of red cells
  - (D) race of donor and recipient
  - (E) None of the above/More than one of the above
- 109. Pituitary gland is located in
  - (A) intestine
  - (B) liver
  - (C) Midney
  - (D) brain
  - (E) None of the above/More than one of the above

- 110. Which of the following rays/waves are used to know the growth of fetus in the womb?
  - (A) X-rays
  - (B) Microwaves
  - (C) Ultrasonic waves
  - (D) Ultraviolet rays
  - (E) None of the above/More than one of the above
- 111. The universal acceptor blood group is
  - (A) A
  - (B) B

(C) AB

- (D) O
- (E) None of the above/More than one of the above
- 112. Pneumonia is an infection of
  - (A) nerve
  - (B) blood
  - (C) skin
  - (D) lungs
  - (E) None of the above/More than one of the above

- 118. A person standing in front of a mirror finds his image larger than himself.
  This implies that the mirror is
  - (A) concave
  - (B) plans
  - (C) convex
  - (D) cylindrical with bulging side outwards
  - (E) None of the above/More than one of the above
- 114. A fan produces a feeling of comfort during the hot weather because
  - (A) fan supplies cool air
  - (B) our body radiates more heat in air
  - (C) conductivity of air increases
  - (D) our perspiration evaporates rapidly
  - (E) None of the above/More than one of the above
- 115. Twinkling of stars in clear sky during nighttime can be explained with
  - (A) refraction of light
  - (B) reflection of light
  - (C) polarization of light
  - (D) interference of light
  - (E) None of the above/More than one of the above
- 116. Hydrogen bomb is based on the principle of
  - (A) controlled fusion reaction
  - (B) apcontrolled fusion reaction
  - controlled fission reaction
  - (b) uncontrolled fission reaction
  - (95) None of the above/More than one of the above

- 117. Frank geta conked faster in a pressure
  - (A) water starts bolling at low temperature due to high pressure
  - (B) water starts boiling at high temperature due to high pressure
  - (C) water starts boiling at low temperature due to low pressure
  - (D) water starts boiling at high temperature due to low pressure
  - (E) None of the above/More than one of the above
- 118. If the doors of a refrigerator are left open for few hours, then the room temperature will
  - (A) decrease
  - (B) increase
  - (C) remain the same
  - (D) decrease only in the area in the vicinity of the refrigerator
  - (E) None of the above/More than one of the above
- 119. A piece of ice is floating in a beaker containing water up to its brim. When whole of the ice melts
  - (A) the water will spill on the floor
  - (B) the level of water will come down in the beaker
  - (C) the level of water will first fall and then it will spill out of the beaker
  - (D) the water level will not change
    - (E) None of the above/More than one of the above
- 120. Which of the following is **not** correctly matched?
  - (A) Voltmeter-Potential difference
  - (B) Ammeter—Bleetrie eurrent.
  - (C) Potentiometer—Bleetromotive force
  - (D) Galvanometer-Blectric resistance
  - (E) None of the above/More than one of the above

Vollmeton .

- 121. On which date was the Pradhanmantri Kisan Samman Nidhi Yojana started?
  - (A) November, 2017
  - (B) 1 January, 2018
  - (C) 1 February, 2019
  - (D) 1 April, 2020
  - (E) None of the above/More than one of the above
- 122. In which game was the Gold Medal for India won in the Olympics, 2021?
  - (A) Gymnastics
  - (B) Javelin Throw
  - (C) Boxing
  - (D) Shooting
  - (E) None of the above/More than one of the above
- 123. How many medals have been won by India in the Tokyo Paralympics, 2021?
  - (A) 19
  - (B) 21
  - JOY 22
  - (D) 18
  - (E) None of the above/More than one of the above
- 124. On which date did India take over the Chairmanship of the UN Security Council?
  - (A) 1 January, 2021
  - (B) 1 March, 2021
  - (C) April, 2021
  - (D) 1 August, 2021
  - (E) None of the above/More than one of the above

- from Afghanistan, who was the last American soldier to leave Kabul?
  - (A) General Frank McKenzie
  - (B) David Brunnstrom
  - (C) Major General Chris Donahue
  - (D) Ross Wilson
  - (E) None of the above/More than one of the above
- 126. Which French company supplied Rafale fighter jets to India?
  - (A) LH Aviation
  - (B) Dassault Aviation
  - (C) Issoire Aviation
  - (D) Humbert Aviation
  - (E) None of the above/More than one of the above
- 127. When did the clash between the soldiers of India and China take place in the Galwan Valley?
  - (A) December 2019
  - (B) April 2019
  - (C) January 2020
  - (D) June 2020
  - (E) None of the above/More than one of the above
- 128. In which country, the Pegasus spyware has been developed?
  - (A) Israel
  - (B) Brazil
  - (C) Russia
  - (D) China
  - (E) None of the above/More than one of the above

- 129. On which date did India begin its two-year term as a Non-Permanent Member of the UN Security Council?
  - (A) 1 October, 2020
  - (B) 1 November, 2020
  - (C) 1 January, 2021
  - (D) 1 July, 2021
  - (E) None of the above/More than one of the above
- 130. Which country exported Sputnik V COVID vaccine to India?
  - (A) America
  - (B) Russia
  - (C) UK
  - (D) France
  - (E) None of the above/More than one of the above
- 131. Joe Biden has assumed office as the
  - (A) 46th President of America
  - (B) 47th President of America
  - (C) 48th President of America
  - (D) 49th President of America
  - (E) None of the above/More than one of the above
- 132. Who was the foreign Chief Guest in the Republic Day parade in 2021?
  - (A) Boris Johnson
  - (B) Vladimir Putin
  - (C) Barack Obama
  - (D) Sheikh Hasina
  - (E) None of the above/More than one of the above

- 133. Who is the Permanent Representative of India in the UN?
  - (A) Tanun Bajaj
  - (B) T. S. Tirumurti
  - (C) Ajay Seth
  - (D) Harsh Vardhan Shringla
  - (E) None of the above/More than one of the above
- 134. According to 2011 Census, which district of Bihar has more women than men?
  - (A) Gopalganj
  - (B) Begusarai
  - (C) Patna
  - (D) Siwan
  - (E) None of the above/More than one of the above
- 135. In which year was the first sitting of the Bihar Legislative Council convened?
  - (A) 1911
  - (B) 1913
  - (C) 1914
  - (D) 1919
  - (E) None of the above/More than one of the above
- 136. Rashmi Kumari from Bihar is a/an
  - (A) international cricketer
  - (B) international carrom champion
  - (C) football player
  - (D) chess player
  - (E) None of the above/More than one of the above

- 137. The 'Digital India Award, 2020' was given to the Bihar Government for
  - (A) establishing technical institutes in Bihar
  - (B) bringing IT revolution in Bihar

facilitating e-administration in

- providing services to people stranded outside Bihar during COVID-19 lockdown
- (E) None of the above/More than one of the above
- 138. How many seats are reserved for the SC candidates in the Bihar Legislative Assembly?
  - (A) 38
  - (B) 40
  - (C) 44
  - (B) 46
  - (E) None of the above/More than one of the above
- 139. In which year was 50% reservation to women in Panchayat bodies provided in Bihar?
  - (A) 2005
  - (B) 2006
  - (C) 2009
  - (D) 2014
  - (E) None of the above/More than one of the above
- 140. In which year was Bihar divided to create Jharkhand?
  - (A) 2000
  - (B) 2001
  - (C) 2004
  - (D) 2005
  - (E) None of the above/More than one of the above

- 141. The new ministry proposed in the Bihar Budget for the year 2021-22 focuses on
  - (A) child care
  - (B) women empowerment
  - (C) infrastructure development
  - (D) skill and entrepreneurship development
  - (E) None of the above/More than one of the above
- 142. How many departments are covered under the Human Development Sub-Mission in Bihar?
  - (A) 6
  - (B) 7
  - (C) 8
  - (D) 10
  - (E) None of the above/More than one of the above
- 143. From which district of Bihar was the Garib Kalyan Rojgar Abhiyan launched by the Prime Minister in 2020?
  - (A) Patna
  - (B) Banka
  - (C) Madhepura
  - (D) Khagaria
  - (E) None of the above/More than one of the above

- 144, Covishield, the COVID vaccine of India which is approved by WHO, is manufactured by
  - (A) Serum Institute
  - (B) Bharat Bietech
  - (C) Panacea Biotec
  - (D) Zydus Cadila
  - (E) None of the above/More than one of the above
- 145. What is the length of the Atal Tunnel, Rohtang, Himachal Pradesh?
  - (A) 8:02 km
  - (B) 9:02 lem
    - (C) 10:02 km
    - (B) 11:02 km
    - (E) None of the above/More than one of the above
- 146. In which year was the Railway Budget merged with the General Budget in India?
  - (A) 2015
  - (B) 2016
  - (C) 2017
  - (D) 2018
  - (E) None of the above/More than one of the above
- 147. What is the purpose of the Citizenship (Amendment) Act, 2019?
  - (A) To remove Bangladeshi illegal immigrants
  - (B) To identify genuine Indian citizens
  - (C) To check border infiltration by foreigners
  - (E) To grant citizenship to persecuted minority groups of Afghanistan, Bangladesh and Pakistan
    - (E) None of the above/More than one of the above

- 148: The Central Vista Project refers to the
  - (A) construction of an IT park in New Delhi
  - (B) construction of a new Parliament, the Prime Minister and Vice President's residences along with a common Central Secretariat
  - (C) construction of a commercial area in New Delhi
  - (D) construction of residences for all ministers
  - (B) None of the above/More than one of the above
- 149. Which Union Territory formed after division of Jammu and Kashmir State does not have a legislature of its own?
  - (A) Jammu
  - (B) Kashmir
  - (C) Ladakh
  - (D) Both Kashmir and Ladakh
  - (E) None of the above/More than one of the above
- 150. Who is the Indian footballer who won the All India Football Federation (AIFF) Men's Player of the Year Award for 2021?
  - (A) Suresh Singh Wangjam
  - (B) Sandesh Jhingan
  - (C) Aniket Jadhay
  - (D) Arindam Bhattacharya
  - (E) None of the above/More than one of the above