

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
- (C) 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 *Maha*
- (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
  - ~~(B) peneplain~~
  - (C) geosyncline
  - (D) karst plain
  - (E) None of the above/More than one of the above

22. Which of the following is a freshwater lake?
- (A) Chilika
  - (B) Sambhar
  - (C) Wular
  - ~~(D) Loktak~~
  - ~~(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?
- ~~(A) 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

26. Which of the following statements are concerned with eskers and drumlins?
1. Eskers are ridges of crudely bedded gravels and sands.
  2. Drumlins are constituted mostly of boulder and clay.
  3. Basket of eggs topography is the characteristic of terrains with eskers.
  4. 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?

(A) 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?

(A) 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

(C) 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

(C) 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 island of
- (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) ~~Lebanon~~
  - (B) ~~Jordan~~
  - (C) Israel
  - (D) Palestine
  - (E) None of the above/More than one of the above

39. 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 :
1. Most of the Himalayan rivers are perennial, whereas most of the Peninsular rivers are rain fed.
  2. The gradient of the Himalayan river is steeper than the Peninsular river.
  3. 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) Graduates  
 (D) Industrialists  
 (E) 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  
 (D) 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  
 (D) 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  
 (B) the due process of routine law  
 (C) conventions  
 (D) 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) Odisha  
 (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-I	List-II
a. Sarkaria Commission	1. To Review the Methodology for Measurement of Poverty
b. C. Rangarajan Committee	2. Infrastructure Financing
c. Parekh Committee	3. Central-State Relationship
d. Narasimham Committee	4. Banking Sector Reforms

Choose the correct answer from the options given below.

~~(A) a 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  
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 :

1. The Finance Commission is a statutory body.
2. The Finance Commission was set up under Article 280 of the Constitution.
3. The recommendations made by the Finance Commission are only advisory in nature.
4. 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 :

1. The economic survey has come up with the Bare Necessities Index at rural and urban levels.
2. The BNI has been created for all States for 2018 only.
3. 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  
(C) 1 and 4 only  
(D) 2 and 4 only  
(E) None of the above/More than one of the above

58. 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) ₹ 20,011 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?

- (A) 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%
- (C) 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%
- (D) 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) Batukeshwar 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
- (D) 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
- (B) 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
- (C) 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
- ~~(B) 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?

- ~~(A) 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 Party 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
- ~~(D) 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?

$45 \rightarrow ₹40 \rightarrow 20\%$   
 $₹24 \rightarrow 20\%$

(A) 16

$\frac{40}{45} \Rightarrow \frac{8}{9} \rightarrow$  (B) 18

(C) 20

(D) 22

$\frac{8}{9} \times \frac{24}{100} = \frac{16}{100}$   
 (E) None of the above/More than one of the above

83. A train 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

$\frac{24}{16} \rightarrow \frac{12}{8} \rightarrow \frac{3}{2}$

(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

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

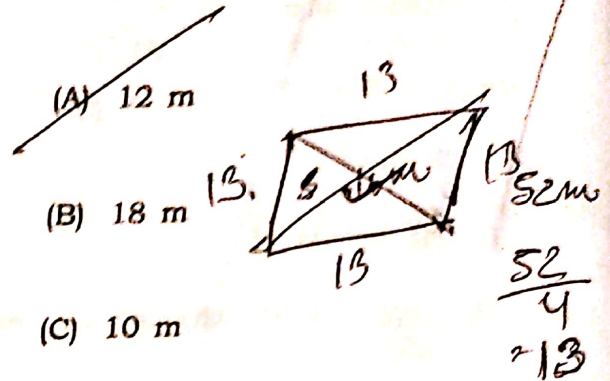
~~(A) 12 m~~

(B) 18 m

(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

~~(B) 5.76 kmph~~

(C) 6 kmph

(D) 6.34 kmph

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

$\frac{48}{45}$   
 $45 \rightarrow 40 + 48$   
 100  
 $\frac{48}{15} \rightarrow \frac{16}{5}$

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

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

(A) 4

(B) 5

(C) 6

(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

(D) 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

(C) 628, 372

(D) 650, 350

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

$$x^2 - y^2 = 256000$$

$$x + y = 1000$$

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 ground first
  - ~~(D) 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 is
- ~~(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 = p+n

99. Which among the following is an incorrect option?
- (A) 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 CDs.
  - (C) 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
  - (E) 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
  - (C) 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) kidney
- (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

113. A person standing in front of a mirror finds his image larger than himself. This implies that the mirror is
- (A) concave
  - (B) plane
  - (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) uncontrolled fusion reaction
  - (C) controlled fission reaction
  - (D) uncontrolled fission reaction
  - (E) None of the above/More than one of the above

117. Food gets cooked faster in a pressure cooker because
- (A) water starts boiling 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—Electric current
  - (C) Potentiometer—Electromotive force
  - (D) Galvanometer—Electric resistance
  - (E) None of the above/More than one of the above

Voltmeter

121. On which date was the Pradhanmantri Kisan Samman Nidhi Yojana started?

- (A) 1 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
- (C) 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) 1 April, 2021
- (D) 1 August, 2021
- (E) None of the above/More than one of the above

125. When the US evacuated its troops 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) 46<sup>th</sup> President of America
  - (B) 47<sup>th</sup> President of America
  - (C) 48<sup>th</sup> President of America
  - (D) 49<sup>th</sup> 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) Tarun 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

(C) facilitating e-administration in Bihar

(D) 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

(D) 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 Biotech
  - (C) Panacea Biotech
  - (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 km
  - (C) 10.02 km
  - (D) 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
  - (D) 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
  - (E) 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) Buresh Singh Wangjam
  - (B) Sandesh Jhingran
  - (C) Aniket Jadhav
  - (D) Arindam Bhattacharya
  - (E) None of the above/More than one of the above