

NPSC Prelims 2019

NCS, NPS, NSS & Allied Services

Questions and Answers (PDF)

Booklet Series – A

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(Prelims) Examination 2019)

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1. Which of the following is **not** a Biodiversity Hotspot in India ?
 (A) The Western Ghats (B) The Sundaland
 (C) The Eastern Ghats (D) The Himalayas
2. In India, which type of soil among the following occupies the largest area ?
 (A) Black soil (B) Red soil (C) Desert soil (D) Alluvial soil
3. The NNC and the Government of India signed the Nine Points Agreement on June 26, 1947. The Government of India was represented by :
 (A) Jawaharlal Nehru (B) Sir. Akbar Hydari
 (C) Morarji Desai (D) Indira Gandhi
4. Consider the following statements :
 (a) The Chennai seaport is an artificial seaport.
 (b) The Vishakapatnam is the best natural harbour in the country.
 (c) The Kochi seaport is an artificial seaport.
 (d) The Mumbai is the largest seaport along western coast of India.
 Which of the statements given above is/are **correct** ?
 (A) (a), (b) and (c) only (B) (b), (c) and (d) only
 (C) (a), (b) and (d) only (D) (a), (b), (c) and (d)
5. Which of the following is **not** a rational number ?
 (A) 1.232323... (B) 0.333333.... (C) $\frac{22}{7}$ (D) π
6. As per the Constitution, "to cherish and follow the noble ideas which inspired our national struggle for freedom", implies the following :
 (A) An expression of patriotism
 (B) A fundamental duty of citizens
 (C) An advised ethical value
 (D) A cultural value of India
7. Two trains each of 150 meters long moving in opposite direction, cross each other in 6 seconds. If one of the trains is moving $1\frac{1}{2}$ times faster than the other, then the speed (in kmph) of the slower train is :
 (A) 84 (B) 78 (C) 72 (D) 64
8. Who among the following was the first President of the All India Trade Union Congress in 1920 ?
 (A) Bipin Chandra Pal (B) Lala Lajpat Rai
 (C) Prakash Chandra Joshi (D) Rajendra Prasad

Q.No.	1	2	3	4	5	6	7	8
Answer: Set A	C	D	B	C	D	B	C	B
Remarks:								

9. In how many ways ₹ 200 can be paid using the denominations of ₹ 20 and ₹ 10 both ?
 (A) 8 (B) 9 (C) 10 (D) 11
10. The number that fills the gap suitably is :
 $\sqrt{2}-1, \text{ ______ }, \sqrt{2}+1, 3+2\sqrt{2}, 7+5\sqrt{2}$
 (A) 1 (B) $\sqrt{2}$ (C) 2 (D) $\sqrt{3}$
11.
$$\frac{((0.51)^3 + (0.49)^3)((0.51)^2 + (0.51)(0.49) + (0.49)^2)}{((0.51)^3 - (0.49)^3)((0.51)^2 - (0.51)(0.49) + (0.49)^2)} =$$

 (A) 1 (B) 50 (C) 100 (D) 200
12. Folktale is called 'Herasam' in :
 (A) Sangtam (B) Kachari (C) Rengma (D) Zeliang
13. Which of the following is **not** one of the principal aims of Third Five Year Plan ?
 (A) Achieve self-sufficiency in food grains
 (B) Achieve an increase in national income over 6% per annum
 (C) Achieve reduction in disparities in income and wealth
 (D) Utilise the maximum possible extent the man power resources of the Country
14. With an aim to unite Nagas, C.R. Pawsey established 'Naga Hills District Tribal Council' in :
 (A) 1945 (B) 1879 (C) 1946 (D) 1944
15. National Agricultural Innovation Project was launched by the Indian Council for Agricultural Research during :
 (A) Seventh plan period (B) Ninth plan period
 (C) Tenth plan period (D) Eighth plan period
16. Who among the following presided over the Congress Session at Surat in 1907 ?
 (A) Rash Behari Ghosh (B) Rash Behari Bose
 (C) Aurobindo Ghosh (D) Sisir Kumar Bose
17. Which of the following statements is **correct** ?
 (A) Natural gas is found in Dharwar formations.
 (B) Mica is found in Gondwana's.
 (C) Petroleum reserves are found in Aravallis.
 (D) Lignite deposits are found in Tertiary's.

[illegible]

- [illegible]

[illegible]

28. The whole of Tuensang district is mountainous where :
- Patkai range dominates the topography.
 - Barail range dominates the topography.
 - Purvanchal range dominates the topography.
 - Japfü range dominates the topography.
29. Consider the following pairs :
- | State | Important Mineral Resource |
|--------------------|----------------------------|
| (a) Orissa | : Manganese |
| (b) Madhya Pradesh | : Diamonds |
| (c) Chhattisgarh | : Copper |
- Which of the pairs given above is/are correct ?
- (a) only
 - (a) and (b) only
 - (b) and (c) only
 - (a), (b) and (c)
30. If $x - y = 3(z - y)$, then
- $$\frac{x^3 + 8y^3 - 27z^3}{xyz} =$$
- 18
 - 18
 - 15
 - 15
31. The normal tenure of the Lok Sabha Members is :
- Five years from the date of declaration of election result
 - Five years from the date of taking oath
 - Five years from the date of its first meeting
 - Five years as notified by the Speaker in the House
32. The power of Judiciary to review and determine validity of a law/policy or an order is known as :
- Judicial Decree
 - Judicial Action
 - Judicial Promulgation
 - Judicial Review
33. Modern Periodic table contains :
- 16 groups and 8 periods
 - 8 groups and 8 periods
 - 18 groups and 8 periods
 - 18 groups and 7 periods
34. The Law of Induction was proposed by :
- Faraday
 - Lenz
 - Kirchhoff
 - Lorentz
35. The odd one among the following is :
- C-Language
 - Java
 - Python
 - Geogebra

Q.No.	28	29	30	31	32	33	34	35
Answer: Set A	A	B	B	C	D	D	A	D
Remarks:								

45. Match the following pairs :

Famous Place	State
(a) Tirumala Temple	(i) Gujarat
(b) Konark Temple	(ii) Kerala
(c) Somnath Temple	(iii) Andhra Pradesh
(d) Padmanabhaswamy Temple	(iv) Odisha

Code :

	(a)	(b)	(c)	(d)
(A)	(iv)	(i)	(ii)	(iii)
(B)	(iii)	(iv)	(ii)	(i)
(C)	(iii)	(iv)	(i)	(ii)
(D)	(ii)	(iii)	(iv)	(i)

46. Match the following :

National Park	State
(a) Kaziranga	(i) Kerala
(b) Silent Valley	(ii) Manipur
(c) Sirohi	(iii) Madhya Pradesh
(d) Kanha	(iv) Assam

Code :

	(a)	(b)	(c)	(d)
(A)	(ii)	(i)	(iv)	(iii)
(B)	(iv)	(i)	(ii)	(iii)
(C)	(iv)	(i)	(iii)	(ii)
(D)	(iii)	(iv)	(ii)	(i)

47. The pH scale is proposed by :

(A) Rontgen	(B) Jhonson	(C) Thompson	(D) Sorensen
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48. One of the following is **not** a fundamental right :

(A) Right to Equality	(B) Right to Freedom
(C) Right to Property	(D) Cultural and Educational Rights

49. The text 'Tirukkural' was written by :

(A) Senguttuvan	(B) Nakkilar
(C) Avvaiyar	(D) Thiruvalluvar

50. Which of the following District is known as the 'Shrimp Capital of India' ?

(A) Nellore	(B) Cuddalore	(C) Ganjam	(D) Cooch Behar
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Q.No.	45	46	47	48	49	50
Answer: Set A	C	B	D	C	D	A
Remarks:						

51. Fruit ripening can be initiated by :
(A) Auxins (B) Ethylene (C) Cytokinins (D) Gibberellin
52. Who among the following described the Non-cooperation Movement as a 'State of peaceful rebellion' ?
(A) Mahatma Gandhi (B) Jawaharlal Nehru
(C) Subhash Chandra Bose (D) Chittaranjan Das
53. Vocal Cords can be seen in :
(A) Nasal Cavity (B) Trachea (C) Pharynx (D) Larynx
54. The functional unit of excretory system in human is :
(A) Neuron (B) Neutron (C) Nephron (D) Nephridia
55. The structure of d-orbital is :
(A) Spherical (B) Dumbell (C) Double dumbell (D) Elliptical
56. Sustainable development means :
(A) Stable growth (B) Preventive growth
(C) High yield in lesser time (D) Development without damage
57. Bleaching powder acts as :
(A) Oxidizing agent (B) Decalcifying agent
(C) Mineralizing agent (D) Reducing agent
58. Who among the following called Sepoy Mutiny as a national revolt not a military mutiny ?
(A) William Finch (B) Benjamin Disraeli
(C) John Mayor (D) J.W. Rose
59. One pipe P_1 can fill an empty tank in 5 hours less than another pipe P_2 . Both the pipes together can fill the tank in 5 hours. Then how long would it take pipe P_2 alone to fill the tank ?
(A) $15 - \sqrt{10}$ hours (B) $15 + \sqrt{5}$ hours
(C) $\frac{15 - 5\sqrt{5}}{2}$ hours (D) $\frac{15 + 5\sqrt{5}}{2}$ hours

[illegible]

60. At which place the Kailasanatha Temple was built by the Pallavas ?

- (A) Mahabalipuram (B) Ellora
(C) Kanchi (D) Chidambaram

61. Which one of the following is not an Atomic Power Station in India ?

- (A) Tarapur (B) Kalpakkam (C) Korba (D) Kaiga

In a book readers club of 26 readers, everyone reads at least one of the three types of books namely Biographies (B), History (H), and Science Fiction (S). If it is known that 19 read exactly one of B, H, S ; and 7 read exactly any two of B, H, S ; and only three read both B and H but not S. Using this information answer the questions from 62 to 64.

62. How many read all the three types of books ?

- (A) 0 (B) 1 (C) 2 (D) 3

63. If two read both B and S but not H, then the number of persons who read B is :

- (A) 12 (B) 14 (C) 15 (D) 16

64. How many read both B and H ?

- (A) 3 (B) 4 (C) 5 (D) 6

In the following questions 65, 66 and 67, two Statements (I) and (II) are given for each question.

If (I) alone is sufficient to answer the question, mark your option as (A).

If (II) alone is sufficient to answer the question, mark your option as (B).

If (I) and (II) are both necessary to answer the question, but neither (I) alone nor (II) alone can answer the question, then mark your option as (C).

If both (I) and (II) together can't answer the question, mark your option as (D).

65. Find the least common multiple of two natural numbers a, b.

- (I) The only common factor of a and b is 1.
(II) $a > b$

66. Is $a > b$?

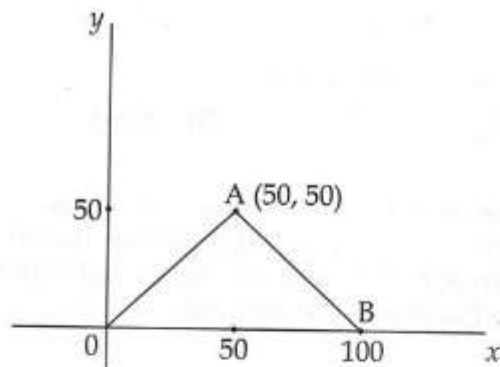
- (I) $2a = b$
(II) $ab > 0$

67. Who is more efficient worker among two persons A and B ?

- (I) A and B together can finish a job in 12 days.
(II) B alone finishes the same job in 20 days.

Q.No.	60	61	62	63	64	65	66	67
Answer: Set A	C	C	A	X	A	A	D	C
Remarks:				Equal 1 mark to all				

Observe the following graph of the function $y = f(x)$, $x \in [0, 100]$.
Using the graph answer the questions 68, 69 and 70.



68. $f(75) =$
 (A) 20 (B) 25 (C) 30 (D) 35
69. For $50 \leq x \leq 100$, $f(x) =$
 (A) $100 - x$ (B) $100 - 2x$ (C) $100 - \frac{x}{2}$ (D) $100 - 3x$
70. $f(40) + f(60) =$
 (A) 60 (B) 70 (C) 80 (D) 90
71. Which among the following states has topped the First NITI Aayog's report titled "The Success of Our Schools - School Education Quality Index" (SEQI) ?
 (A) Chhattisgarh (B) Rajasthan (C) Telangana (D) Kerala
72. What is the operational range of the India's first indigenously produced sub-sonic cruise missile "Nirbhay" ?
 (A) 500 - 900 km (B) 2500 - 3000 km (C) 1000 - 1500 km (D) 1500 - 2500 km
73. The Ayushman Bharat - Pradhan Mantri Jan Arogya Yojana (PMJAY) scheme of Government of India provides medical coverage of up to ₹ _____ per family per year.
 (A) 10,00,000 (B) 5,00,000 (C) 6,00,000 (D) 2,00,000
74. Who is the current chairman of the ISRO ?
 (A) G. Madhavan Nair (B) G. Satheesh Reddy
 (C) K. Kasturirangan (D) K. Sivan

Q.No.	68	69	70	71	72	73	74
Answer: Set A	B	A	C	D	C	B	D
Remarks:							

75. Which State Government launched "Rythu Bandhu" Scheme an investment support scheme to support the livelihood of farmers ?
(A) Telangana (B) Andhra Pradesh
(C) Rajasthan (D) Maharashtra
76. Who is the director of Indian documentary film "Moti Bagh" ?
(A) Mani Ratnam (B) Nirmal Chander Dandriyal
(C) Mira Nair (D) Zoya Akhtar
77. Maradu Flats, sometimes seen in news, is located in which State ?
(A) Karnataka (B) Tamil Nadu (C) Kerala (D) Telangana
78. Which among the following Countries are the members of The Group of Seven (G7) ?
(a) India (b) Canada (c) Germany (d) Australia
Select the correct answer using the codes given below :
(A) (a), (b) and (d) only (B) (b) and (c) only
(C) (c) and (d) only (D) (a), (b), (c) and (d)
79. M. Stanley Whittingham, John B. Goodenough and Akira Yoshino have been selected for the 2019 Chemistry Nobel Prize for their roles in the development of the _____.
(A) "DNA Repair" (B) "Lithium-ion Batteries"
(C) "Quasi Crystals" (D) "Design and Synthesis of Molecular Machines"
80. The prestigious Ramon Magsaysay Award was conferred upon Ravish Kumar for his excellent contribution to which of the following fields ?
(A) Social Work (B) Social Justice (C) Journalism (D) Literature
81. The Union Minister of External Affairs is :
(A) Nirmala Sitharaman (B) Nitin Jairam Gadkari
(C) Ramesh Pokhriyal Nishank (D) Dr. Subrahmanyam Jaishankar
82. "Aksai Chin" is a disputed border area between :
(A) India and China (B) India and Bhutan
(C) India and Pakistan (D) India and Bangladesh
83. Pradhan Mantri Awas Yojana is an initiative by Government of India, in which an affordable Housing will be provided to the urban poor with a target of building 20 million by :
(A) 31st March, 2022 (B) 31st March, 2023
(C) 31st December, 2021 (D) 31st December, 2022

[illegible]

84. Amit Panghal is associated with which sports ?
(A) Chess (B) Boxing (C) Volleyball (D) Kabaddi
85. Who is the author of the book "150 Years of Celebrating the Mahatma the South African Legacy" ?
(A) Arundhati Roy (B) Siddharth Kapoor
(C) Shashi Tharoor (D) Fakir Hassen
86. Which one of the following is related to Chandrayaan-2 ?
(A) Vikram Lander (B) INS-Vela
(C) Param Shivay (D) INS-Arighat
87. The Indian Council of Medical Research has launched the "Malaria Elimination Research Alliance (MERA)" to eliminate Malaria from India by which year ?
(A) 2024 (B) 2036 (C) 2025 (D) 2030
88. Who among the following Tennis player has won the 2019 US Open Title ?
(A) Novak Djokovic (B) Rafael Nadal
(C) Roger Federer (D) Daniil Medvedev
89. Who has become the first Indian Wrestler to qualify for 2020 Olympics ?
(A) Babita Kumari (B) Kavita Devi
(C) Vinesh Phogat (D) Sakshi Malik
90. In the abbreviation of CBDT, D stands for :
(A) Dynamic (B) Dual (C) Direct (D) Department
91. Which one of the following is the theme of the International Day of Peace 2019 ?
(A) "Climate Action for Peace" (B) "Everybody for Peace"
(C) "Together for Peace" (D) "The Right to Peace"
92. Which Country launched world's first floating power plant ?
(A) Russia (B) France (C) Japan (D) South Korea
93. P.V. Sindhu became the first Indian to win the BWF World Championship gold by beating :
(A) Carolina Marin (B) Akane Yamaguchi
(C) Nozomi Okuhara (D) Saina Nehwal

[illegible]

103. As per 2011 Census, the rural population comprised of :
 (A) 75.14 percent (B) 71.14 percent (C) 72.14 percent (D) 70.14 percent
104. In preparing 12th Five Year Plan, the planning commission has undertaken a systematic process of :
 (A) Scenario planning (B) Activation planning
 (C) Multilevel planning (D) Sequence planning
105. Which of the following is considered as the chief policy making organ of the Government ?
 (A) Ministry of Parliamentary Affairs (B) Ministry of Law
 (C) Cabinet (D) Prime Minister's Office
106. Which among the following rivers **does not** originate in Indian Territory ?
 (A) Narmada (B) Chambal (C) Brahmaputra (D) Jhelum
107. The weight of human brain in the total weight of the body is :
 (A) 2% (B) 3% (C) 4% (D) 5%
108. In the *National Extension and Community Development Programme* the unit of operation is the *development block* which represents on an average :
 (A) 200 villages (B) 300 villages (C) 50 villages (D) 100 villages
109. $a\%$ of a is 15% of :
 (A) $a^2/25$ (B) $a^2/45$ (C) $a^2/30$ (D) $a^2/15$
110. Who among the following presided the Congress session held at Lahore in 1929 and passed Poorna Swaraj Resolution ?
 (A) Jawaharlal Nehru (B) Mahatma Gandhi
 (C) Motilal Nehru (D) Subhash Chandra Bose
111. At which place Gandhi started his agitation to protect the interests of Indigo Cultivators ?
 (A) Champaran (B) Kheda (C) Ahmedabad (D) Vadodara
112. The instrument used to check the EMF of a battery is :
 (A) Voltmeter (B) Galvanometer (C) Ammeter (D) Electric tester
113. Vegetable oils contains :
 (A) Saturated alcohols (B) Saturated fatty acids
 (C) Unsaturated fatty acids (D) Unsaturated alcohols

Q.No.	103	104	105	106	107	108	109	110	111	112	113
Answer: Set A	B	C	C	C	A	D	D	A	A	X	C
Remarks:										Equal 1 mark to all	

114. Sarvodaya Plan was prepared by :
(A) Mahatma Gandhi (B) Bipin Chandra Pal
(C) Dadabhai Naoroji (D) Jayaprakash Narayan
115. Sabari is a tributary river of :
(A) Pamba (B) Godavari (C) Narmada (D) Mahanadi
116. Who of the following said to have started the Congress on the direction of the viceroy to act as a 'safety valve' ?
(A) W.C. Bennerjee (B) A.O. Hume
(C) William Heartburn (D) Anandamohan Bose
117. Fables from the Misty Mountain : Folklore of the Nagas was published by :
(A) Department of Art and Culture, Government of Nagaland
(B) Heritage Publications
(C) Department of English, Nagaland University
(D) Nagaland Institute of Development Studies
118. In which year the Santhal Rebellion broke out ?
(A) 1852 (B) 1853 (C) 1854 (D) 1855
119. The Planning Commission was set-up by a resolution of :
(A) The National Planning Committee in April, 1938
(B) The National Development Council in March, 1951
(C) The Government of India in March, 1950
(D) The Government of India in March, 1948
120. The functional group present in carboxylic acid is :
(A) $-OH$ (B) $-CHO$ (C) $-CO$ (D) $-COOH$
121. Laterite soils are rich in :
(A) Calcium and Magnesium (B) Nitrogen and Lime
(C) Iron and Aluminium (D) Potassium and Calcium
122. The Ao-Naga Oral Tradition was authored by :
(A) Monalisa Changkija (B) Temsula Ao
(C) Temsula Longkumer (D) J. Longkumer
123. Who among the following recommended that Revenue Settlement should be made directly with the cultivators ?
(A) Shore and Gibbs (B) Cornwallis and Munroe
(C) Reed and Munroe (D) Reed and Finch

[illegible]

124. Isomers generally differ in :
 (A) Structure (B) Molecular weight
 (C) Molecular formula (D) Nature of atoms
125. Who has the authority to transfer a Judge from one High Court to any other High Court ?
 (A) Prime Minister (B) Chief Justice of India
 (C) President (D) The Union Law Minister
126. A number is such that 10 more than one-third the number is three-fourths the number. The number is :
 (A) 36 (B) 30 (C) 24 (D) 20
127. Match the following :
 (a) Green Revolution (i) Apiculture
 (b) Golden Revolution (ii) Operation Flood
 (c) Blue Revolution (iii) Agriculture
 (d) White Revolution (iv) Aquaculture
 Code :
 (a) (b) (c) (d)
 (A) (iv) (i) (ii) (iii)
 (B) (i) (ii) (iii) (iv)
 (C) (iii) (i) (iv) (ii)
 (D) (iii) (ii) (i) (iv)
128. In which language the 'Kesari' newspaper was published by Tilak ?
 (A) English (B) Hindi (C) Gujarati (D) Marathi
129. The Ministry of Rural Development came into existence in 1974 as a part of Ministry of :
 (A) Food and Agriculture (B) Wasteland Development
 (C) Rural Employment (D) Poverty Alleviation
130. The United Nations honoured Nagaland Communitisation Programme with the UN Public Service Award in :
 (A) 2005 (B) 2006 (C) 2007 (D) 2008
131. Which of the following is true in relation to the allocation of public sector outlay in Fourth Five Year Plan ?
 (A) Allocation to village and small industries is more than the allocation to power sector.
 (B) Allocation to irrigation and flood control is less than the allocation to education.
 (C) Allocation to family planning is less than the allocation to social welfare.
 (D) Allocation to education is more than the allocation to water supply and sanitation.

Q.No.	124	125	126	127	128	129	130	131
Answer: Set A	A	C	C	C	D	A	D	D
Remarks:								

- [illegible]

143. At which place Tomb of a famous sufi saint Khaja Bandenawaz is located ?
(A) Bidar (B) Gulbarga (C) Mysore (D) Bijapur
144. In which year the British Government announced the 'Communal Award' ?
(A) 1932 (B) 1933 (C) 1934 (D) 1935
145. The flow of electrons is known as :
(A) Voltage (B) Current
(C) Resistance (D) Potential difference
146. Which of the following scheme/project was launched in 2003 to strengthen and involve Panchayati Raj Institutions in the implementation of Watershed Development Programmes ?
(A) Swajaldhara (B) Sujala Sravanthi
(C) Hariyali (D) Per drop more crop
147. A shopkeeper marks his articles by increasing the cost of each article by 25% and allows 10% discount while selling the same articles. Then his gain percent is :
(A) 12% (B) 12.5% (C) 25% (D) 16.5%
148. The 73rd Constitutional Amendment Act envisages :
(A) Two-tier Panchayat Raj System
(B) Three-tier Panchayat Raj System
(C) Four-tier Panchayat Raj System
(D) Free and Compulsory Education for the children below 14 years age
149. Tokhu Emong is the main festival of the Lothas. Tokhu means :
(A) Merit (B) Feast (C) Harvest (D) Paddy
150. In which year the Jallianwala Bagh Massacre had taken place ?
(A) 1917 (B) 1918 (C) 1919 (D) 1920
151. Which one of the following has the highest elevation above mean sea level ?
(A) Guru Shikhar (B) Kodaikanal (C) Amarkantak (D) Anaimudi
152. In which language Rammohan Roy wrote the book Gift to Monotheists ?
(A) Sanskrit (B) Persian (C) Greek (D) Arabic
153. The plant tissue associated with water transport is :
(A) Mesophyll (B) Xylem (C) Phloem (D) Parenchyma

[illegible]

154. People, Heritage and Oral History of the Nagas was authored by :
 (A) N. Venuh (B) Lucy Zehol
 (C) Kiremwati Ao (D) Lungsang Zeliang
155. The most important festival of the Chakhesang Nagas is :
 (A) Sikrinnye (B) Sekrenyi (C) Sükrünnye (D) Sokronye
156. Shillong Accord was signed on 10th November, 1975 when :
 (A) L.P. Singh was the Governor of Nagaland.
 (B) M. Ramunmy was the Governor of Nagaland.
 (C) H. Zopianga was the Governor of Nagaland.
 (D) M.L. Kampani was the Governor of Nagaland.
157. The energy currency of a cell in biology is :
 (A) ADP (B) DDT (C) ATP (D) GDP
158. Area (in sq.cm) of the circle that is inscribed in a regular hexagon of 8 cm side is :
 (A) 64π (B) 16π (C) 8π (D) 4π
159. The decadal percentage variation (2001-2011) is :
 (A) -0.58 (B) -0.38 (C) -0.48 (D) -0.88
160. The following cell organelle is known as 'Suicidal bags' :
 (A) Golgi Complex (B) Mitochondria (C) Lysosomes (D) Ribosomes
161. The formula $E = h\nu$ is proposed by :
 (A) Bohr (B) Planck (C) Rutherford (D) Sommerfield
162. A number similar to $\frac{n^2-1}{n^2+1}$ among the following is :

$$\frac{302}{304}, \frac{298}{300}, \frac{224}{226}, \frac{226}{228}$$

 (A) $\frac{224}{226}$ (B) $\frac{298}{300}$ (C) $\frac{226}{228}$ (D) $\frac{302}{304}$
163. The double helical structure of DNA was proposed by :
 (A) Darwin (B) T.H. Morgan (C) Watson & Crick (D) Mendel
164. What is the composition of elected and nominated members in Rajya Sabha ?
 (A) 234 and 16 (B) 236 and 14 (C) 238 and 12 (D) 240 and 15

Q.No.	154	155	156	157	158	159	160	161	162	163	164
Answer: Set A	A	C	A	C	X	A	C	B	A	C	C
Remarks:					Equal 1 mark to all						

174. If one side of a triangle is two-fifths the perimeter, the second side is 14 cm and the third side is one-fifth of the perimeter, then the perimeter (in cm) is :
(A) 70 (B) 35 (C) 40 (D) 105
175. Who among the following wrote the Aihole Inscription ?
(A) Bhasa (B) Harisena (C) Sundarabhatt (D) Ravikirti
176. Who among the following wrote the Bande Mataram song ?
(A) Rabindranath Tagore (B) Bankim Chandra Chatterjee
(C) Akshay Kumar Dutta (D) Amarendu Bose
177. Jarawas and Sentinelese tribes are found in which among the following State/Union Territory of India ?
(A) Lakshadweep (B) Andaman and Nicobar
(C) Meghalaya (D) Madhya Pradesh
178. Who among the following started the newspaper 'New India' ?
(A) B.P. Wadia (B) M.G. Ranade
(C) S. Subramanya Aiyar (D) Annie Besant
179. Misfit among the following is :
ABCDE, DEABC, BCDEA, EDCBA
(A) EDCBA (B) ABCDE (C) DEABC (D) BCDEA
180. The odd one among the following is :
(A) PowerPoint (B) Excel (C) Word (D) Windows
181. If $\frac{5+2\sqrt{2}}{3-2\sqrt{2}} = a+b\sqrt{2}$ then $a^2+b^2 =$
(A) 795 (B) 790 (C) 785 (D) 780
182. British Policy and Administration in Nagaland (1881-1947) was authored by :
(A) Easterine Kire (B) Zapuvisie Lhousa
(C) Piketo Sema (D) Kaka Iralu
183. Who among the following was an exponent of Krishna Cult ?
(A) Ramananda (B) Vallabhacharya (C) Namadeva (D) Nanak
184. The reaction in which heat is generated :
(A) Endothermic (B) Exothermic (C) Isothermic (D) Heterothermic

[illegible]

185. Who among the following authored the Drama 'Priyadarshika' ?
 (A) Huan Tsang (B) Harshavardhana
 (C) Banabhatt (D) Prabhakaravardhana
186. The First Five Year Plan of India was based on :
 (A) Chakravorthy model (B) Harrod-Domar model
 (C) Leontief Input-Output model (D) Raj-Sen model
187. Singphan Wildlife Sanctuary (23.57 sq.kms), which is much bigger than Rangapahar Wildlife Sanctuary, is located in :
 (A) Tuensang District (B) Longleng District
 (C) Peren District (D) Mon District
188. In the Indian Constitution, 'the freedom of press' is included under :
 (A) Freedom to move freely throughout the territory of India
 (B) Freedom to form associations
 (C) Freedom to practice any profession
 (D) Freedom of expression
189. *Growth with stability and progressive achievement of self-reliance* were the twin objectives of :
 (A) Fourth Five Year Plan (B) Second Five Year Plan
 (C) Fifth Five Year Plan (D) Third Five Year Plan
190. The 'Indian Struggle' is the autobiography of :
 (A) Subhash Chandra Bose (B) Sohan Singh
 (C) Mohan Singh (D) Gurudayal Singh
191. The sides of a triangle are in the ratio $\frac{1}{4} : \frac{1}{6} : \frac{1}{7}$. If the perimeter of the triangle is 47 cm, then the length of the smaller side is :
 (A) 11 cm (B) 12 cm (C) 13 cm (D) 14 cm
192. A History of Nagas and Nagaland : Dynamics of Oral Tradition in Village Formation was authored by :
 (A) Khekiye Sema (B) D. Kuolie
 (C) Kanato G. Chophy (D) Visier Sanyü

Q.No.	185	186	187	188	189	190	191	192
Answer: Set A	B	B	D	D	A	A	B	D
Remarks:								

193. Which Premier Port of the Mughals was attacked and looted by Shivaji in 1664 ?
 (A) Dabhol (B) Bhiwandi (C) Surat (D) Kalyan
194. The Panchayati Raj Institution were first introduced in the State of :
 (A) West Bengal (B) Gujarat (C) Rajasthan (D) Karnataka
195. If the following sequence follows a definite pattern, then $x + y =$
 $\frac{3}{5}, x, y, \frac{38}{40}, \frac{78}{80}, \frac{158}{160}$
 (A) $\frac{17}{10}$ (B) $\frac{18}{10}$ (C) $\frac{19}{10}$ (D) 10
196. Who among the following organised a social banditry by raising a Peasant force in Maharashtra in 1879 ?
 (A) Ajay Gokhale (B) Rajendra Tilak
 (C) Vasudev Balwant Phadke (D) Vijay Ghatge
197. The literacy rate of Nagaland, as per 2011 Census, is :
 (A) 80.15 percent (B) 80.12 percent (C) 80.11 percent (D) 80.31 percent
198. Which one of the following is a fat soluble Vitamin ?
 (A) Vit-E (B) Vit-C (C) Vit-B₁₂ (D) Vit-P
199. The misfit among the following triads of numbers is :
 (3, 5, 4), (6, 10, 8), (5, 13, 12), (10, 26, 24), (5, 7, 6), $(5, \sqrt{61}, 6)$
 (A) (3, 5, 4) (B) (5, 13, 12) (C) (5, 7, 6) (D) (10, 26, 24)
200. Mary Mead Clark set up a school at Molungyimsen in :
 (A) 1877 (B) 1879 (C) 1876 (D) 1878

Q.No.	193	194	195	196	197	198	199	200
Answer: Set A	C	C	A	C	X	A	C	D
Remarks:					Equal 1 mark to all			

=====END=====

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