

W.B.C.S EXECUTIVE EXAMINATION, 2001 PRELIMINARY

Time: 2 hours 30 minutes

Marks: 200

Collected from Memory

Choose the word nearest in meaning to the underlined part of the sentence

1. The spectacle was most pleasing .
(A) Sight (B) Impression
(C) View (D) Scenery

Direction for Question Nos. 2 to 5:-

Choose the word closest in meaning to the opposite of the underlined part of the sentence:

2. The gentleman had aristocratic manners.
(A) Coarse (B) Democratic
(C) Base (D) Plebeian
3. The barber was a most loquacious man.
(A) Taciturn (B) Reserved
(C) Quiet (D) Tongue-tied
4. We were served a rich fare in the dinner.
(A) Poor (B) Plain
(C) Tasteless (D) Unpleasant
5. He was rather reluctant to help me.
(A) Willing (B) Ready
(C) Eager (D) Inclined

Direction for Question Nos. 6 to 15:-

Choose the exact meaning of the underlined part of the sentence:

6. He gained success by dint of hard work.
(A) By means of (B) By force of
(C) By way of (D) By virtue of
7. Swami Vivekananda led a godly life.

- (A) Pious (B) Heavenly
(C) Religious (D) Pure
8. Your arguments are of no avail.
(A) Helpless (B) Meaningless
(C) Unprofitable (D) Useless
9. The specious arguments of the lawyer had no effect on the judge
(A) Vicious (B) Illogical
(C) Superficially plausible (D) Indefensible
10. None can be a good orator without the gift of the gab.
(A) Ability to quote (B) Ability to improvise
(C) Fluency of speech (D) Wit and humour
11. I cannot make out what he wishes to say.
(A) Guess (B) Understand
(C) Discover (D) Explain
12. Many men sailed for Australia in quest of gold.
(A) In prospect of (B) In pursuance of
(C) In search of (D) In expectation of
13. The rule has been declared nul and void.
(A) Devoid of substance (B) Incorrect
(C) Invalid (D) Inappropriate
14. Some mention of this should be inserted here.
(A) Added (B) Put in
(C) Included (D) Supplied
15. Your essay contains much superfluous matter.
(A) Unnecessary (B) Needless
(C) Digressive (D) Redundant

Direction for Question Nos. 16 to 20:-

Choose the most suitable word or expression from among the four alternatives supplied for filling in the blank space in the sentence given.

16. He dared not look me _____ the face.
(A) at (B) in

(C) to

(D) on

17. He was too late, as _____ would have it.
(A) fate (B) luck
(C) fortune (D) God
18. The most abundant ions in the Bay of Bengal water are
(A) Na^+ and Cl^- (B) H^+ and OH^-
(C) Mg^{2+} and SO_4^{2-} (D) Fe^{2+} and Cl^-
19. I _____ my letter last evening.
(A) finished (B) have finished
(C) had finished (D) had been finishing
20. The teacher is popular _____ his pupils.
(A) among (B) to
(C) with (D) for
21. Phosgene is a common name of
(A) phosphorus trichloride (B) phosphorus oxychloride
(C) phosphine (D) carbonyl chloride
22. In which state of India is the valley of flower?
(A) Kashmir (B) Uttar Pradesh
(C) Kerala (D) Tamil Nadu
23. The finest specimen of Pallava architecture are
(A) Temples at Madurai
(B) Temples at Tanjore
(C) Kailashnath Temple at Ellora
(D) Rock-cut Ratha temples at Mahabalipuram
24. The atomic power plant which became active recently is located at
(A) Kalpakkam (B) Norora
(C) Tarapore (D) Kaiga
25. Which decade has been declared as the International Decade for Natural Disaster Reduction?
(A) 1970-1980 (B) 1980-1990

(C) 1990-2000

(D) 2000-20,10

26. Ichthyology is related with

(A) fish

(B) bird

(C) insect

(D) mammal

27. You may safely use _____ drug.

(A) Innocent

(B) beneficent

(C) Innocuous

(D) useful

28. What was the Wahavi movement?

(A) Rebellious Movement led by S.A. Brelvi

(B) Movement to organize people

(C) A move to oppose religious attitude

(D) None of these

29. Sher Shah died while attacking

(A) Mandu

(B) Raisin

(C) Marwar

(D) Kalinjar

30. Who is known as 'the mother of Indian revolution'?

(A) Sarojini Naidu

(B) Matangini Hazra

(C) Vikhaji Rustom Kama

(D) Aruna Asaf Ali

31. Fill in the blank space : 1, 3, 6, 10, 15, _____

(A) 12

(B) 17

(C) 21

(D) 25

32. Who described the Cripp's proposals as "a post-dated cheque on a crashing bank"?

(A) Gandhiji

(B) Jawaharlal Nehru

(C) Subhas Chandra Bose

(D) Ballavbhai Patel

33. Find the odd one out:

(A) Square

(B) Ellipse

(C) Parabola

(D) Circle

34. The number of drought-Prone districts of peninsular India is

(A) 40

(B) 45

(C) 50

(D) 55

35. The 1991 census recorded the lowest sex ratio at
(A) Chandigarh (B) Pondicherry
(C) Nagaland (D) Delhi
36. By which Amendment of the Indian Constitution were the fundamental duties of citizens inserted?
(A) 40th (B) 41st
(C) 42nd (D) 43rd
37. Who among others founded the National Council of Education?
(A) Raja S.C. Mallick (B) Satish Chandra Mukherjee
(C) Aurobindo Ghosh (D) Rabindranath Tagore “
38. By which Amendment of the Constitution was the minimum age of voter lowered from 21 to 18 years?
(A) 48th (B) 57th
(C) 61st (D) 63rd
39. Find the correct relationship: X is sister of Y; Y is daughter of K; K is husband of L. What is L to Y?
(A) Father (B) mother
(C) Brother (D) sister
40. Which international organization is helping India in drawing up a Forest Plan?
(A) FAO (B) World Bank
(C) UNDP (D) IDA
41. Which of the following taxes can be levied by a State Government?
(A) Wealth Tax (B) Income Tax
(C) Profession Tax (D) Export Duty
42. The image of an object formed on the retina of the eye is
(A) Virtual and erect (B) real and erect
(C) Virtual and inverted (D) real and inverted
43. Who won the women's singles title at Wimbledon in 2000?
(A) Lindsay Davenport (B) Venus Williams
(C) Martina Hingis (D) Steffi Graf
44. Around the solstices twilight lasts from sunset to sunrise in

- (A) equatorial regions (B) tropical regions
(C) high latitudes (D) mid latitudes
45. Among the officers of Muhammad of Ghur. Bengal was conquered by
(A) Qutubuddin Aibak
(B) Tajuddin Yildiz
(C) Ikhtiaruddin Muhammad Baktyar Khalji
(D) Tughril Khan
46. The highest density of population occurs in
(A) Asia (B) North America
(C) East Europe (D) North-West Europe
47. At the current rate of growth, India's population will be doubled by
(A) 2021 AD (B) 2025 AD
(C) 2028 AD (D) 2031 AD
48. Who described the early Congress sessions as "three days' tamasha"?
(A) Bal Gangadhar Tilak (B) Aswini Kumar Datta
(C) Bipin Chandra Pal (D) Aurobindo Ghosh
49. Prices can be stabilized by
(A) increasing production
(B) controlling the supply of money
(C) devaluation
(D) (A) and (B) above
50. Who translated the Swadeshi into a mass movement in Bansal?
(A) Pulin Das (B) Bipin Chandra Pal
(C) Mukunda Das (D) Aswini Kumar Oatta
51. Select the best response:
One should wear coloured dress in winter becaues
(A) they look colourful (B) they are cheaper
(C) they absorb heat (D) it is easy to wash them
52. Select the best response:
Somnath is popular because
(A) he is talkative (B) he is serious
(C) he is poor (D) he is humorous

53. Who raised the national flag first in Nagaland?
(A) Pritilata Wahdeddar (B) Bina Dasgupta
(C) Rani Guidinliu (D) Sarojini Naidu
54. Who was the first Indian martyr outside India?
(A) Madanlal Dhingra (B) Tarak Nath Das
(C) Lala Hardayal (D) B.D.Savarkar
55. The Judges of the Supreme Court are appointed by the
(A) Prime Minister on the advice of the Union Cabinet
(B) President in consultation with the Chief Justice of the Supreme Court of India
(C) President in consultation with the Prime Minister
(D) Prime Minister in consultation with the Chief Justice of the Supreme Court
56. The Northern limit of the Deccan plateau is
(A) Southern limit of the Ganga Plains
(B) Tropic of Cancer
(C) Satpura range
(D) Narmada-Son furrow
57. India's Five-Year Plans are finally approved by the
(A) President (B) Prime Minister
(C) National Development Council (D) Ministry of Finance
58. An iron ball and a wooden ball of the same mass are released from a height h in air. Neglecting viscous drag of air
(A) iron ball will hit the ground earlier
(B) wooden ball will hit the ground earlier
(C) there is equal probability for the wooden and iron ball to hit the ground earlier
(D) both will reach the ground at the same time
59. Which of the following mixtures can be separated by using separating funnel?
(A) water + sugar (B) water + milk
(C) water + oil (D) petrol + kerosene
60. Where did the OPEC heads of state meet to celebrate its 40th anniversary?
(A) Prague (B) Caracas
(C) Baghdad (D) Abu Dhabi

61. Camp David is located in
(A) USA (B) Israel
(C) Egypt (D) Lebanon
62. The Partition of Bengal was annulled in
(A) 1909 (B) 1906
(C) 1911 (D) 1910
63. The greatest scholar of Medical Science during Gupta Age
(A) Bhatta (B) Bana
(C) Charaka (D) Bhagabhatta
64. The images of Buddha were first constructed under
(A) the Mathura School of Art (B) the Saranath School of Art
(C) the Gandhara School of Art (D) the Amaravati School of Art
65. The establishment of a gram Sabha becomes mandatory by
(A) the 71st Amendment of the Constitution
(B) the 72nd Amendment of the Constitution
(C) the 73rd Amendment of the Constitution
(D) the 74th Amendment of the Constitution
66. Chlorine is not a constituent of
(A) DDT (B) chlorophyll
(C) chloroform (D) bleaching powder
67. A glass bulb is balanced by a brass weight on a sensitive beam balance. Now the balance is covered by a bell-jar which is then evacuated :
(A) the beam will continue to remain horizontal
(B) the pan containing the bulb will go up
(C) the pan containing the bulb will go up or down depending on the degree of vacuum produced
(D) the pan containing the bulb will go down
68. The quality of human resources is lowest in
(A) U.P. Bihar, M.P. and Rajasthan
(B) West Bengal, Sikkim, Assam and Meghalaya
(C) Andhra Pradesh, Orissa, Karnataka and Goa
(D) Tripura, Mizoram, Minipur and Negaland

69. The concept of welfare state is included in the Constitution of India in the
(A) Preamble (B) Fundamental Rights
(C) Fourth Schedule (D) Directive Principles of State Policy
70. Who founded 'Abhinava Bharat'?
(A) Bal Gangadhar Tilak (B) Barindra Kumar Ghosh
(C) B.D. Savarkar (D) Bipin Chandra Pal
71. Lysine is an essential aminoacid because
(A) it is very rare
(B) it is an important constituent of all proteins
(C) it has a high nutritive value
(D) it is not formed in the body and has to be provided through food
72. A substance used in metallurgy to remove rock material is called
(A) matrix (B) slag
(C) flux (D) gangue
73. Among the Turks who made the first attack on India?
(A) Mahmud Ghaznavi (B) Sabuktigin
(C) Alptigin (D) Abdul Wahid
74. In India the places where gold, copper, iron ore and coal are found are in order:
(A) Noamundi, Khetri, Jharia and Kolar
(B) Kolar, Khetri, Noamundi and Jharia
(C) Jharia, Noamundi, Kolar and Khetri
(D) Kolar, Noamundi, Jharia and Khetri
75. The Universal Declaration of Human Rights was adopted on
(A) December 10, 1948 (B) January 26, 1950
(C) August 14, 1947 (D) October 20, 1962
76. Buddhist doctrines are contained in
(A) Jatakas (B) Satapaths
(C) Upanishads (D) Dhammapadas
77. Telegraphic letter "COMESON FATHER SERIOUS" which was coded as AMKC QMML DYRFCP QCPGMSQ. Then DO NOT COME will be
(A) BM LMR AMKC (B) BM MLR MAKC

(C)BMKLMAMKC

(D)MBLMRAKMC

78. When did the British Labour Party resolve in favour of 'home rule' for India?
(A) 1918 (B) 1919
(C) 1927 (D) 1929
79. What is a 'white paper'?
(A) Paper currency note
(B) Blank paper for writing
(C) Paper for printing
(D) A document published by the Government on an important issue
80. Which region' in India witnessed the earliest outbreak of revolutionary activities?
(A) Bengal (B) Punjab
(C) Maharashtra (D) Delhi
81. The Election Commission functions under
(A) Parliament (B) President
(C) Supreme Court (D) no authority
82. How many times will the equivalent resistance of n identical conductors be changed if their parallel arrangement is changed into a series one
(A) n (B) n^2
(C) n^3 (D) $\sqrt{n}$
83. Graphite is used in nuclear reactor.
(A) as a lubricant
(B) as a fuel
(C) for lining inside the reactor as an insulator
(D) for reducing the velocity of neutron
84. The millennium round of the WTO was held in
(A) New Delhi (B) Geneva
(C) Seattle (D) Camp David
85. The most important source of information for the municipal administration of the city of Pataliputra in the Mauryan empire is
(A) Indika (B) Arthashastra
(C) Mudrarakshasa (D) Asokan inscriptions

86. Who among the following historians described the invasions of Mahmud Ghaznavi of India as jihads (holy wars)?
(A) Al-Beruni (B) Henry Elliot
(C) Jafar (D) Utbi
87. There is no local time at
(A) London (B) North and South Poles
(C) International Date Line (D) Magnetic Poles of the Earth
88. Who among following was not a leader of the Revolt of 1857?
(A) Nana Saheb (B) Rani Lakshmi Bai
(C) Mansing (D) Kunwar Singh
89. The emf of a cell does not depend on
(A) the size of the cell (B) the material of cathode
(C) the material of anode (D) electrolyte used
90. _____ is an antivitamin.
(A) beta carotene (B) methyl cobalamine
(C) pyriethamine (D) folic acid
91. Gandhiji returned Kaisher-i-Hind modal after
(A) Jalianwalabag Massacre
(B) Rowlatt Act
(C) Chouri. Choura incident
(D) British refusal to do justice to Turkey
92. Child education should be made compulsory because
I. education develops personality.
II. school going children do not get a chance to make mischief.
(A) if only argument I is strong
(B) if only argument II is strong
(C) if both I & II are strong
(D) if both I & II are weak
93. Which of the following Amendments of the Indian Constitution deals with the anti-defection law?
(A) 51st (B) 52nd
(C) 53rd (D) 54th

94. The organisation funded by Surendranath Banerjee. & Ananda Mohan Bose before the birth of Indian National Congress was
(A) native Association (B) Indian Association
(C) British India Society (D) British Indian Society
95. The 1979 Nobel Peace Prize Winner, Mother Teresa was born in which of the following countries?
(A) U.K. (B) U.S.A.
(C) India (D) Yugoslavia
96. The tribals of Southern India are
(A) Negritos (B) Proto-Australoids
(C) Mongoloids (D) Caucasoids
97. Which of the following is not one of the objectives of economic planning in India?
(A) Raising living standards
(B) Reduction of economic inequalities
(C) Balanced regional development
(D) Spread of education
98. Who said. "If to love my country is a crime, I am a criminal"?
(A) Aurobindo Ghosh (B) C.R. Das
(C) M.K. Gandhi (D) Subhas Chandra Bose
99. If BAD is coded as 214, what is the code for SAD?
(A) 1924 (B) 1914
(C) 314 (D) 614
100. If FUN is coded as 5, what is code for GUN?
(A) 5 (B) 6
(C) 7 (D) 8
101. Which part of ear maintain the balance of our body?
(A) otolith (B) malleus
(C) tympanic membrane (D) cochlea
102. In which city is the headquarters of the United Nations Environment Programme located?
(A) Nairobi (B) Kampala

(C) Geneva

(D) Rome

103. Lodhi Sultans of Delhi were

(A) Turks

(B) Persians

(C) Arabs

(D) Afgans

104. Who abolished the Dual Government in Bengal?

(A) Clive

(B) Holwell

(C) Warren Hastings

(D) Cornwallis

105. A radioactive isotope has a halflife period of 3 days. After how many days 1 gm of it will change to 0.125 gm?

(A).24 days

(B) 9 days

(C) 6 days

(D) 12 days

106. Glass is best described as

(A) a gel

(B) an alloy

(C) a eutectic mixture

(D) a supercooled solution

107. The President of India can declare financial emergency under

(A) Article 352

(B) Article 356

(C) Article 360

(D) None of these articles

108. Which of the following Gods does not belong to the Rigvedic period?

(A) Indra

(B) Maruts

(C) Shiva

(D) Aditi

109. The ruler of one of the following states entered into matrimonial alliance with Akbar was

(A) Jaipur

(B) Ranthambhor

(C) Marwar

(D) Mewar

110. In which country do most earthquakes occur?

(A) U.S.A.

(B) Chile

(C) Japan

(D) Indonesia

111. Find the odd one out :

(A) Socks

(B) Watch

(C) shirt

(D) Skirt

112. Who was the director general of National Government in Tamluk ?

- (A) Ajoy Mukherjee (B) Sushil Dhara
(C) Satish Chandra Samanta (D) Biren Sashmal

113. What is the duration of an elected body of Panchayati Raj?

- (A) 1 year (B) 3 years
(C) 4 years (D) 5 years

114. What are potato ores?

- (A) Potato of Namital and Himachal Pradesh
(B) HYV seed potato raised in irrigated tracts of W.B.
(C) Nodules of a variety of minerals found on the sea beds
(D) Ores of nuclear minerals

115. Which of the following plans laid special stress on science and technology?

- (A) Thud Plan (B) Fifth Plan
(C) Seventh Plan (D) Eighth Plan

116. Who passed 'Dramatic Performances Act'?

- (A) Lord Curzon (B) Lord Lytton
(C) Lord Amherst (D) Lord Dalhousie

117. In the manufacture of steel by open hearth process cast iron used has no phosphorus but has manganese as an impurity. The furnace should have a lining of

- (A) magnesia (B) lime
(C) silica (D) lime or magnesia

118. Nuclei of radioactive elements emit

- (A) neutrons (B) protons
(C) either protons or neutrons (D) neither protons nor neutrons

119. Radical humanism associated with

- (A) Subhas Chandra Bose (B) Manabendranath Roy
(C) Swami Vivekananda (D) Bipin Chandra Pal

120. The Bahmani Kingdom and Vijayanagar Empire clashed frequently over the territory of

- (A) Madurai (B) Warangal
(C) Malabar (D) Raichur doab

121. Particles which can be added to the nucleus of an atom without changing chemical properties are called
(A) neutron (B) proton
(C) electron (D) a particle
122. Who said. "Let a hundred flowers bloom"?
(A) M.K. Gandhi (B) Mao Zedong
(C) Jawharlal Nehru (D) V.I.Lenin
123. To which Sufi orders did Saikh Nasiruddin Chirag-i-Delhi belong?
(A) Chisti (B) Suharwardi
(C) Qadiri (D) Naqshbundi
124. Who was the first woman President of Indian National Congress? .
(A) Sarajini Naidu (B) Annie Besant
(C) Madam Cama (D) Sucheta Knpalani
125. World Investment Report 2000 has been published by
(A) World Bank (B) UNDP
(C) IMF (D) UNCTAD
126. The energy of an electron in the first Bohr orbit is -13.6 eV. What will be its energy in the second Bohr orbit?
(A) -6.8eV (B) -3.4eV
(C) -27.2eV (D) -13.6eV
127. Which was Satyajit Roy's first film?
(A) Ganashatru (B) Aparajito
(C) Pather Panchah (D) Jalsaghar
128. The East India Company set up its first factory in the South at
(A) Madras (B) Telengana
(C) Masulipatnam (D) Hyderabad
129. Vinegar is a dilute solution of
(A) formaldehyde (B) formic acid
(C) ethanol (D) acetic acid
130. The erosion of soil by winds can be best controlled by
(A) afforestation (B) removal of vegetation

(C) dry farming

(D) creation of wind breaks

131. The Community Development Programme aims at

- (A) providing educational facilities to rural people
- (B) Providing health care facilities to rural people
- (C) optimum utilisation of rural resources
- (D) integrated rural development

132. Pitt's India Government Act, which was meant to remove the defects of the Regulating Act was passed in the year

- (A) 1781
- (B) 1782
- (C) 1784
- (D) 1786

133. What did the Sikhs mean by Misl?

- (A) A tax
- (B) An area conquered by them
- (C) A political unit
- (D) A Book

134. Who described the British rule in India as "un-British"?

- (A) Ramesh Chandra Datta
- (B) Dadabhai Naorojee
- (C) Aurobindo Ghosh
- (D) Bhupendra Nath Datta

135. When was the 'corridor war' in Writers Buildings Calcutta was fought?

- (A) 1921
- (B) 1930
- (C) 1908
- (D) 1916

136. Which of the following words have been incorporated into the Preamble to the Constitution of India by the 42nd Amendment?

- (A) Sovereign Socialist
- (B) Socialist Secular
- (C) Secular Democratic
- (D) Democratic Republic

137. When did the Congress Ministries resign after their formation in 1937?

- (A) In 1938
- (B) In 1937
- (C) In 1939
- (D) In 1940

138. Select the set of three sentences that make a logical sequence from the given six:

- (A) Some cricket players are golfers
- (B) All golfers are cricket players
- (C) Sachin is a cricket player
- (D) Sunil is a golfer
- (E) Sachin is a golfer

- (F) Sunil is a cricket player
(A) ace (B) bee
(C) dbc (D) ebc
139. Find the odd one out :
(A) Knife (B) Fork
(C) Spoon (D) Plate
140. In which year was All India Kishan Sabha founded?
(A) 1936 (B) 1942
(C) 1932 (D) 1939
141. Which Indian Site has been included in UNESCO's recent list of World Heritage Sites?
(A) Taj Mahal (B) Lake Palace
(C) Humayun's Tomb (D) Himalayan Railway
142. Glasnost means
(A) Openness (B) Restructuring
(C) Revisionism (D) Revolution
143. Who won the special prize for the best director at the 57th International Venice film festival held on 9th September, 2000?
(A) Buddhadeb Das Gupta (B) Mrinal Sen
(C) Deepa Mehta (D) Shaji N. Karun
144. In the Union Budget 2000-2001 the fiscal deficit has been pegged at
(A) 4.1% (B) 4.5%
(C) 5.1% (D) 5.9 %
145. In 2000-2001 India is expected to import crude oil in the amount of
(A) 78 million tons (B) 88 million tons
(C) 98 million tons (D) 108 million tons
146. The Planning Commission is
(A) a wing of the Ministry of Planning, Government of India
(B) endowed with the responsibility of implementing five year plans
(C) an advisory body
(D) a department of the Ministry of Finance, Govt, of India
147. All books are companions. Some companions are harmful. “.

- I. Some harmful things are books
- II. Some harmful things are not books

- (A) If only I is logically valid
- (B) Only II is logically valid
- (C) Both I & II are logically valid
- (D) Neither I nor II is logically valid

148. Many teachers are good. Some teachers are bad;

- I. Teacher A is good
- II. Teacher B is bad

- (A) If only I is logically valid
- (B) Only II is logically valid
- (C) Both I & II are logically valid
- (D) Neither I nor II is logically valid

149. Every matriculate should be admitted to college for

- I. Without higher education they do not become civilised.
- II. Without higher education, they lose self-confidence.

- (A) if only argument I is strong
- (B) if only argument II is strong
- (C) if both I & II are strong
- (D) if both I & II are weak

150. The system of Government in India is actually

- (A) federal (B) unitary
- (C) unitary with federal features (D) quasi-federal

151. Which journal specially championed the cause of Indigo Cultivators?

- (A) Sbrhprokash (B) Amrita Bazar Patrika
- (C) Hindu Patriot (D) Indian Mirror

152. Which of the following bodies can be prorogued but cannot be dissolved?

- (A) Governing Council of a Union Territory
- (B) Municipal Corporation
- (C) Lok Sabha
- (D) Rajya Sabha

153. The state which leads in the area under tank irrigation is

- (A) Tamil Nadu (B) West Bengal

(C) Odiisha

(D) Andhra Pradesh

154. Who was sentenced for publication of the English translation of 'Nil Darpan'?

(A) Dinabandhu Mitra

(B) Madhusudan Datta

(C) Reverend Long

(D) Surendranath Banerjee

155. Which industry provides maximum employment?

(A) iron and steel

(B) cotton textile

(C) jute

(D) food processing

156. The "Shatter-belt" of the Indian sub-continent is located in

(A) Rajasthan

(B) Jammu and Kashmir

(C) Nepal

(D) West Bengal :

157. Electric locomotives are manufactured at

(A) Varanasi

(B) Bhopal

(C) Chittaranjan

(D) Calcutta

158. The HYV miracle rice is raised only on

(A) 10%

(B) 11%

(C) 12%

(D) 10.2% of India's paddy land

159. The state with the maximum length of roads is

(A) Tamil Nadu

(B) U.P.

(C) Karnataka

(D) Maharashtra

160. The leading copper producer is

(A) Bihar

(B) Rajasthan

(C) Andhra Pradesh

(D) Orissa

161. Which one of the following is a protozoa?

(A) Pea mosaic

(B) Entamoeba histolytica

(C) yeast

(D) variola

162. The disease caused by the deficiency of vitamin B₁₂

(A) aplastic anaemia

(B) sickle cell anaemia

(C) normocytic anaemia

(D) 'pernicious anaemia

163. The National Wildlife Action Plan was adopted by India in

(A) 1963

(B) 1973

(C) 1983

(D) 1993

164. Trishul is a
(A) short range surface-to-air missile
(B) tourist spot
(C) place where nuclear explosion took place
(D) nuclear submarine
165. The major thrust of world Development Report 2000-2001 is
(A) Entering the 21st Century
(B) Knowledge for development
(C) Environment and Development
(D) Attacking Poverty
166. Whose contemporary was famous grammarian Patanjali?
(A) Agni Mitra Sunga (B) Pushya Mitra Sunga
(C) Vasudeva Kanva (D) Gautami Putra Satakami
167. Chalukyas established their empire in
(A) Gujrat (B) Malwa
(C) Deccan (D) Far South India
168. What term is given to sandy deserts with their characteristic sand dune landscape?
(A) reg (B) erg
(C) hamada (D) bad land
169. The population of India in 1999-2000 would be approximately
(A) 950 million (B) 1000 million
(C) 970 million (D) 900 million
170. The Earth's magnetic field
(A) never changes
(B) has reversed itself many times
(C) is centered exactly at the Earth's centre
(D) originates in a permanently magnetized iron core
171. Where do the Bhagirathi and the Alakananda meet at?
(A) Karnaprayag (B) Rudraprayag
(C) Haridwar (D) Devaprayag
172. The region which leads the world in sugar production is

- (A) South Asia (B) South-East Asia
(C) West Indies (D) U.S.A.

173. Globalization of the Indian economy means
(A) establishing business units abroad
(B) export promotion
(C) import liberalization
(D) putting minimum restrictions on trade relations with other countries

174. Find the odd one out:
(A) Linesman (B) Helper
(C) Umpire (D) Referee

175. Find the odd one out:-
(A) STR (B) PQR
(C) MNO (D) WXY

Direction for question Nos. 176 and 177:

If ABCDLMN is decoded from ZYXWMNO, select the right choice :

176. How en INDIA be coded?
(A) DINIA (B) RMWRZ
(C) DRWIZ (D) INDWR
177. OLEV ZMW KVZXV will be decoded as
(A) WAR AND PEACE (B) PEACE AND WAR
(C) PEACE AND LOVE (D) LOVE AND PEACE
178. Fill in the blank space : 4, 12, 15, 5, 15, 18, 6, _____
(A) 8 (B) 12
(C) 18 (D) 21
179. A pair of compounds which cannot exist together in solution is
(A) sodium bicarbonate and caustic soda
(B) sodium bicarbonate and water
(C) sodium bicarbonate and sodium carbonate
(D) sodium carbonate and caustic soda
180. Two membranes of area 3 and 5 cm² are placed in a liquid at the same depth.
The ratio of pressures on them is

(A) $\sqrt{3} : \sqrt{5}$

(B) 1 : 1

(C) 3 : 5

(D) 5 : 3

181. A alone takes as much time as B and C together take to do a piece of work. If A and B together take 10 days and C alone takes 50 days to do it, B alone can do it in

(A) 20 days

(B) 24 days

(C) 25 days

(D) 28 days

182. The sum of the prime numbers lying between 1 and 16 is

(A) 42

(B) 41

(C) 40

(D) 39

183. Rs. 2600 is divided into 3 parts so that the interest of the first part at the rate of 4%, interest of the second part at the rate of 6% and the interest of the third part at the rate of 8% are all equal. The first part then amounts to

(A) Rs. 600

(B) Rs. 800

(C) Rs. 1000

(D) Rs. 1200

184. A man spends 70% of his income in household expenditure. If 30% of the rest is spent on education, the rate of saving of the man is

(A) 28%

(B) 25%

(C) 24%

(D) 21%

185. The least number of 4 digits which is a perfect square and is divisible by 9, 15, 18 is

(A) 1296

(B) 1600

(C) 1024

(D) 3600

186. The least number which when divided by 7, 14, 15, 18 always leaves the same remainder 5 is

(A) 595

(B) 605

(C) 635

(D) 655

187. A man decides to open two fixed deposit accounts in bank for his two daughters aged 13 years and 8 years respectively so that when they attain the age of 18 years, the matured value of each deposit is Rs. 12,000. If the bank allows 10% simple interest on the deposit, the man needs to deposit in the name of the daughters the amounts

(A) Rs. 8000 and Rs. 6000

(B) Rs. 9000 and Rs. 6000

(C) Rs. 8000 and Rs. 6500 (D) Rs. 8500 and Rs. 6500

188. Of 470 students of a school, 300 students play football, 180 students play cricket while 70 students participate in none of the above games. The number of students who play both football and cricket is

- (A) 100 (B) 90
(C) 80 (D) 70

189. When 5234 is divided by a certain number by a long division, the successive remainders are 11, 31 and 27 respectively. The quotient is

- (A) 113 (B) 127
(C) 327 (D) 123

190. A businessman wants to profit 14% after allowing 5% on an article to the buyer. In order to do so, he fixes the price of the article $x\%$ more than his cost price, x equals

- (A) 22 (B) 20
(C) 18 (D) 21

191. The sum of the squares of two positive integers is 233 and their product is 104. The difference between the two numbers is

- (A) 4 (B) 5
(C) 6 (D) 7

192. A merchant mixed a quantity of sugar at Rs. 16.50 per kg. with some quantity of sugar at Rs. 14.00 per kg. and sold the mixed amount at Rs. 14.00 per kg. and sold the mixed amount at Rs. 15.50 per kg. He made neither loss nor gain. The ratio of the two varieties in the mixture is

- (A) 2:3 (B) 3 : 2
(C) 4 : 3 (D) 3 : 4

193. The number of students of two schools sums up to 990. When the number of students of one school decreases by 5%, the number of students of the other increases by 14%, the number of students of the two schools become equal. The number of students of each school is

- (A) 575, 415 (B) 560, 430
(C) 550, 440 (D) 540, 450

194. The sum of two numbers, each being greater than 20 is 180 and their H.C.F. is 15. The numbers are

- (A) 60 and 120 (B) 65 and 115
(C) 75 and 105 (D) 80 and 100
195. A cistern can be filled up by a tap in 4 hours, while it can be emptied by another tap in 5 hours. If both the taps are turned on together when the cistern is empty, the time taken to fill up the cistern is
(A) 10 hrs. (B) 15 hrs.
(C) 18 hrs. (D) 20 hrs.
196. The ratio of two numbers is 3 : 4 and their L.C.M. is 180. The smaller number is
(A) 30 (B) 40
(C) 45 (D) 60
197. A man encashes a cheque of Rs. 600 from a bank. The bank pays him in 10 rupee notes and 5 rupee notes totalling 72. The number of 10 rupee notes is
(A) 44 (B) 46
(C) 48 (D) 50
198. Three cricketers A, B, C scored a total of 361 runs in an innings. If the ratio of the score of A and B, and that of B and C each equals 3 : 2, the run scored by A is
(A) 171 (B) 181
(C) 185 (D) 161
199. The average age of 4 children of a family is 10 years. The average age of the children together with the parents is 20 years. If the father is older than the mother by 6 years, then the age of the father is
(A) 41 years (B) 43 years
(C) 45 years (D) 39 years
200. In a military barrack food for 180 days is stored for 4000 soldiers. If after 20 days 800 men leave the barrack, the remaining food will provide for the remaining soldiers for
(A) 200 days (B) 210 days
(C) 180 days (D) 190 days