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VIVEKANANDA STUDY CENTRE (PUBLIC SERVICES)

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"Narendra" Vivekananda Campus, P.O. Nehru Nagara, Puttur D.K -574203

Website : yashas.vivekanandaedu.org, email id : vvsputtur@gmail.com

CIVIL SERVICES: QUALIFYING EXAM (WRITTEN) - 25-12-2014

(For 10th standard students of Kodagu, Kasaragod, Udupi & Dakshina Kannada District)

Time: 2 ½ hours

Max .Marks – 200

Note : Answer all the questions

SECTION -A

Note : Each question carries one marks :-

- Primitive man first learn to
(a) Make fire (b) Tame animals (c) Make a wheel (d) Grow grain
- The people of the Indus valley civilization worshipped
(a) Pashupati (b) Indra and Varuna (c) Brahma (d) Vishnu
- Who founded four matthas in the four corners of India?
(a) Shankaracharya (b) Ramanujacharya
(c) Bhaskaracharya (d) Madhvacharya
- Where did the first coins circulate in India?
(a) Central India (b) Western India
(c) South India (d) Bihar & eastern U.P
- Bana Bhatta lived in the court of
(a) Pulakeshi II (b) Harshavardhan
(c) Samudraguptha (d) Yashovarman
- The Ashoka pillar at Allahabad provides information about the reign of
(a) Chandragupta Maurya (b) Chandragupta I
(c) Samudragupta (d) Chandraguptha II
- The first country to establish trade relations with India was
(a) Portugal (b) Holland (c) France (d) England

8. The first newspaper in India was
 (a) Sambad kaumudi (b) Bengal Gazette
 (c) Maratal Akbar (d) Pioneer
9. The theory of classical music is discussed in
 (a) Rig Veda (b) Atharva Veda (c) Yajur Veda (d) Sama Veda
10. The minimum distance between the sun and the earth occurs on
 (a) December 22 (b) June 21
 (c) September 22 (d) January 3
11. What is the unit of measurement of the distances of stars from the earth?
 (a) Light year (b) Fathoms
 (c) Nautical Miles (d) Kilometres
12. Which place will experience sunlight for the longest period in summer?
 (a) Mumbai (b) Srinagar (c) Chennai (d) Kolkata
13. When humidity is expressed as a percentage, it is called
 (a) Relative humidity (b) Absolute humidity
 (c) Specific humidity (d) Percentage humidity
14. The layers in soil are referred to as
 (a) Horizons (b) Profile (c) Hard pans (d) Pedocals
15. To which group does the black cotton soil of India belong?
 (a) Laterite (b) Podzol (c) Chernozem (d) Alluvial
16. Which country is known as the sugar bowl of the world?
 (a) India (b) Cuba (c) Russia (d) USA
17. Where is the Gulf of Mannar located?
 (a) West of Gujarat (b) East of Tamil Nadu
 (c) West of Kerala (d) South of Kanyakumari
18. Which area of India receives the least rainfall?
 (a) Laddakh (b) The Western Ghats
 (c) Eastern Rajasthan (d) Western Tamil Nadu
19. Where is the greatest variety of flowers found?
 (a) Kerala (b) Uttarakhand (c) Assam (d) Sikkim

20. Which state has more than 90 percent of its area under forests?
 (a) West Bengal (b) Arunachal Pradesh
 (c) Madhya Pradesh (d) Kerala
21. Where is Kalpakkam?
 (a) Uttar Pradesh (b) Maharastra (c) Gujarat (d) Tamil Nadu
22. The Pepper plant is a
 (a) Tree (b) Vine (c) Bush (d) Shrub
23. Which state is the leading produce of sulphur?
 (a) Tamil Nadu (b) Assam (c) Panjab (d) Maharastra
24. Monoculture is a typical characteristics of
 (a) Shifting cultivation (b) Subsistence farming
 (c) Specialised horticulture (d) Commercial grain farming.
25. Who was the Chairman of the drafting Committee of the Constitution?
 (a) J B Kriplani (b) Rajendra Prasad
 (c) J L Nehru (d) B R Ambedkar
26. Who Proposed the preamble before the drafting committee of the Constitution?
 (a) Jawaharlal Nehru (b) B R Ambedkar
 (c) B N Rao (d) Mahatma Gandhi
27. Quit India Movement was adapted by INC at
 (a) Bombay (b) Ahmadabad
 (c) Pune (d) Calcutta
28. Who used the term 'Untouchable' for the Scheduled castes for the first time?
 (a) J S Nesfield (b) Alfred Lyell
 (c) W.C Crooke (d) H.H Risley
29. The Election Commission of India has a
 (a) Quasijudicial Power (b) Advisory Power
 (c) Constitutional Power (d) Regulatory Power
30. The Preamble was for the first time amended by the
 (a) 24th Amendment (b) 42nd Amendment
 (c) 44th Amendment (d) None of the above

31. The Administrators of union territories are designated as
 (a) Lieutenant Governor (b) Chief Commissioners
 (c) Administrators (d) Governor
32. Right to Information is a
 (a) Fundamental right (b) Social right
 (c) Cultural right (d) Legal right
33. The constitution has vested the executive power of the Union Government in
 (a) The president (b) The Prime Minister
 (c) The Council of Minister (d) The Speaker
34. The President of India is
 (a) The head of the State (b) The head of the Government
 (c) The head of the State as well as Government (d) None of the above
35. Which of the following state sends the longest number of members to Loka Sabha after Uttar Pradesh
 (a) Bihar (b) Madhya Pradesh
 (c) Maharashtra (d) None of the Above
36. The supreme court consists of a chief justice and
 (a) Seven Judges (b) Nine Judges
 (c) Eleven Judges (d) Thirty Judges
37. The Members of the legislative assembly are elected for a term of
 (a) Three years (b) Four years (c) Five years (d) Six years
38. The central Government derives maximum revenue from
 (a) Income tax (b) Excise duties (c) Customs (d) none of these
39. Which unit of valuation is known as 'paper gold'?
 (a) Eurodollar (b) Petrodollar (c) S D R (d) G D R
40. What is the Percentage of India's population to the world population?
 (a) 6 Percent (b) 17.5 Percent (c) 26 Percent (d) 36 Percent
41. The Maximum number of people in India work in the:
 (a) Primary Sector (b) Secondary sector
 (c) Tertiary sector (d) None of the above

42. The country which had the first official family planning programme was:
 (a) USA (b) India (c) Sweeden (d) China
43. Among the Indian states, the most urbanized state is :
 (a) Maharastra (b) Kerala (c) Tamil Nadu (d) Himachal Pradesh
44. Blue revolution refers to:
 (a) Fisheries (b) Agriculture (c) Dairying (d) Piggery
45. How many languages appear on the Indian Rupee note?
 (a) 15 (b) 16 (c) 14 (d) 17
46. Commercial banks finance rural credit directly and through
 a. NABARD b. Rural Banks
 c. Co-Operative Societies d. State Government
47. W.T.O refers to:
 a. World Transport Organisation b. World Tariff Organisation
 c. World Tax Organisation d. World Trade Organisation
48. Which one of the following Countries has the highest natural gas reserves?
 a. Iran b. Qatar
 c. Russia d. Saudi Arabia
49. Which of the following city in India is considered the greenest?
 a. Bangalore b. Chandigarh
 c. Delhi d. Thiruvananthapuram
50. LPG refers to.....
 a. Liquefied Petroleum Gas b. Liquid Petrol Gas
 c. Lead Potassium and Gas d. None of the above
51. Which of the following eco-systems are not managed by humans?
 a. Urban Parks b. National Parks
 c. Farms d. Plantations
52. Which of the following animals have a diet mainly consisting of bamboo?
 a. Hares and Rabbits b. Sloth Bears
 c. Red Pandas d. Golden Langurs

53. The most endangered large cat species in the world is
a. Asiatic Lion b. Indian Tiger
c. Black Panther d. Leopard
54. Which planet does not have atmosphere around it?
a. Mercury b. Mars
c. Uranus d. Neptune
55. Atmospheric pressure is measured with a
a. Hydrometer b. Barometer c. Hygrometer d. Altimeter
56. An object weighs maximum in
a. Air b. Water c. Hydrogen d. Vacuum
57. In a sprayer the liquid rises in the tube due to
a. Capillarity b. Evaporation
c. Lower pressure at the upper end d. Unknown reasons
58. The best conductor of heat among liquid is
a. Water b. Mercury c. Ether d. Alcohol
59. Sound Travels at maximum speed in
a. Vacuum b. Air c. Water d. Steel
60. Radio activity has applications in
a. Medicine b. Agriculture c. Industry d. All these
61. The planet closest to the sun is
a. Mercury b. Venus c. Earth d. Mars
62. A Storm is predicted if atmospheric pressure
a. Falls Gradually b. Rises Gradually
c. Rises Suddenly d. Falls suddenly
63. Which of the following states is the largest producer of Arecanut in India?
a. Karnataka b. Kerala
c. Assam d. Tamilnadu
64. Turpentine is obtained from
a. Crude Petroleum b. Deodar c. Pine d. Oak

65. The largest of the living birds is
 a. Cassowary b. Albatross c. Elephant Bird d. Ostrich
66. Malaria can be cured with a drug extracted from
 a. Oak tree b. Belladonna Tree c. Cinchona Tree d. Amaltas Tree
67. Chocolates can be bad for health because of a high content of
 a. Cobalt b. Nickle c. Zinc d. Lead
68. The fastest mammal in the world is
 a. Cheetah b. Lion c. Gazelle d. Brown hare
69. Common Salt is obtained from sea water by the process of
 a. Sublimation b. Evaporation c. Crystallisation d. Filtration
70. Washing soda is
 a. Sodium Chloride b. Hydrated Sodium Carbonate
 c. Sodium Bicarbonate d. Calcium Carbonate
71. The gas inside an electric bulb is
 a. Air b. Oxygen c. Nitrogen d. Carbon Dioxide
72. Chemically, cane sugar is
 a. Lactose b. Glucose c. Sucrose d. Starch
73. The most abundant source of iron is
 a. Milk b. Green Vegetables c. Eggs d. Beans
74. For Instant energy, athletes take
 a. Sucrose b. Vitamin C c. Sodium Chloride d. Glucose
75. The Gas used for inflating balloons is
 a. Nitrogen b. Hydrogen c. Helium d. Air
76. Artificial silk is also called
 a. Rayon b. Decron c. Fibre Glass d. Nylon
77. The smallest continent of the earth is
 a. Europe b. Australia c. Antatica d. South America
78. The least populated state in India is
 a. Goa b. Sikkim c. Manipur d. Arunachal Pradesh

79. The Longest Dam in India is
 a. Bhakra Dam b. Nagarjuna Sagar Dam c. Hirakud Dam d. Kosi Dam
80. Diet is the Parliament of
 a. Israel b. Sweedan c. Germany d. Japan
81. Paper was invented in
 a. Egypt b. Greece c. China d. India
82. The 24th ASEAM Summit was held in 2014 at
 a. Indonesia b. Myanmar c. Cambodia d. Thailand
83. The 21st edition of the Common Wealth games will be held in 2018 at
 a. Montreal b. Gold Coast city c. London d. Canberra
84. Who is the winner of the Ranji Trophy cricket championship in 2014?
 a. Maharastra b. Karnataka c. Rajastan d. Saurashtra
85. IAS refers to
 a. Indian Administrative Service b. Indian Army Service
 c. Indian Agricultural Service d. International Administrative Service
86. IPS refers to
 a. Indian Police Service b. Indian Public Service
 c. Indian Private Service d. Indian Port Service
87. Which of the following is most venomous snake?
 (a) Krait (b) Taipon (c) Indian Cobra (d) Mamba
88. The red colour of ruby laser is due to which atom?
 (a) Aluminium (b) Oxygen (c) Silicon (d) Cromium
89. Which of the following element is useful in preparing atom bomb?
 (a) Uranium (b) Coal (c).Petrol (d) Spirit
90. Cockroach has developed special organs to dispose the wastes, known as
 (a) Medulla (b) Cortex (c) Malpighian tubules (d) urethra
91. The kidneys of a dead person should be transplanted within _____ hours
 (a) 12 (b) 36 (c) 18 (d) 24

92. Lung fishes belong to the group _____
(a) Dipnoi (b) Archaeopteryx (c) Onychophora (d) none of these
93. The mean of first six even natural numbers is
(a) 8 (b) 7 (c) 5 (d) 10
94. Gestation period of cat is,
(a) 68 days (b) 61 days (c) 66 days (d) 64 days
95. The vegetable that contains more sucrose is
(a) Beetroot (b) Raddish (c) Potato (d) Green leaves
96. The theory of dissociation was formulated by,
(a) Arrhenius (b) C.V.Raman (c) Newton (d) Einstein
97. Which type of glass is used to prepare lenses?
(a) Lead glass (b) borosilicate glass (c) soda-lime glass (d) safety glass
98. The atomic number of silicon is
(a) 16 (b) 14 (c) 18 (d) 19
99. Who won the nobel prize for synthesizing ammonia?
(a) Newton (b) Hardy (c) Harbour (d) Haber
100. Expansion of ART is
(a) Artificial Reproductive Technology
(b) Assisted Reproductive Technology
(c) Animal Reproductive Technology
(d) Agressive Reproductive Technology
101. LASER stands for
a. Light Amplification by Stimulated Emission of Radiation
b. Light and stimulated emitted radiation
c. Long & Short extra radiation
d. None of these
102. Kepler's third law states that the orbital period of a planet is proportional to the cube of the
a. Major axis of the orbit
b. Minor axis of the orbit
c. Semi-minor axis of the orbit
d. Semi-Major axis of the orbit

103. Which of the following ore is found in Mysore District
 a. Chromite b. Magnesite c. Pyrolusite d. Haematite
104. Which of the following is a green algae ?
 a. Sargassam b. Spirogyra c. Chlorella c. None of these
105. The sum of a number and twice its square is 105. Then the number is
 a. 7 b. 5 c. 9 d. 8
106. Total surface area of a cylinder with base radius as 5cm and height 6cm in square centimeters
 a. 100π b. 120 c. 130 d. 110
107. Under which Symbol Aaam Aadmi party contested Lokasabha elections in 2014?
 (A) Nehru cap (B) Cycle (C) Broom (D) Lamp
108. Sachin tendulkar was awarded "Bharth Rathna" recently. Which scientist received Bhartha Rathna along with him?
 (A) C.N.R. Rao (B) Abdul Kalam (C) Kasturirangan (D) Subbiah Arunan
109. The Sarvodaya Movement was started by—
 (A) Mahatma Gandhi (B) Jayprakash Narayan (C) Vinoba Bhave (D) Datta Dharmodhika
110. The temples of Khajuraho were built by—
 (A) Chandelas (B) Pallavas (C) Chalukayas (D) Qutubuddin
111. The silver coins of the Gupta period were known as—
 (A) Dinar (B) Rupyaka (C) Satamana (D) Karsharpana
112. Who was the first chief minister of Karnataka?
 (A) K C Reddy (B) K C Rama (C) K C Giri (D) Deraj Urs
113. Who was the founder of the Indian Association?
 (A) Dababhai Naoroji (B) Bal Gangadhar Tilak (C) A.O. Hume (D) Surendranath Banerjee
114. Madhya Pradesh shares its border with how many states?
 (A) 3 (B) 4 (C) 5 (D) 6
115. In which district do you find Krishnaraja Sagar dam?
 (A) Mandya (B) Mysore (C) Coorg (D) Hasan

116. Anna Hazare worked as a
 (A) District Court Judge (B) Municipality member (C) Military soldier (D) Teacher
117. Which was the first news paper started in Karnataka?
 (A) Karnataka Vruttanta (B) Mangaluru Vruttanta
 (C) Mangaluru Samachara (D) Mangaluru Dainika
118. Shape of Indian parliament building is
 (A) Oval (B) Circle (C) Square (D) Rectangle
119. The economist who was the Prime minister of India for two times is
 (A) Indira Gandhi (B) A.B. Vajapeye (C) Manamohan Singh (D) Rajiv Gandhi
120. What is TADA?
 (A) Terrorist And Disruptive Activities (B) Tax Added Divisional Act
 (C) Time Activated Double Arc (D) Tool And Drive Act
121. The visible part of the sun's surface is called
 (A) Isosphere (B) Photosphere (C) Hydrosphere (D) Mesosphere
122. Who is the founder of ISRO?
 (A) E Radhakrishnan (B) U.R.Rao (C) Vikram Sarabhai (D) Sathish Dhavan
123. Outermost covering of brain is—
 (A) Choroid (B) Arachnoid (C) Duramater (D) All of these
124. A nucleus does not contain
 (A) Electrons (B) Mesons (C) Protons (D) Neutrinos
125. Duleep Trophy is associated with the game of—
 (A) Hockey (B) Badminton (C) Football (D) Cricket
126. The term 'Butterfly Stroke' is associated with—
 (A) Kabaddi (B) Wrestling (C) Swimming (D) Rowing
127. Which is the highest national award for a coach?
 (A) Arjuna Award (B) Ekalavya Award
 (C) Dronacharya Award (D) Padmabhushana Award
128. Which company is behind the Bhopal Gas trajedy?
 (A) Union Spice Company (B) Union Carbide Company
 (C) Bhopal Chemicals (D) none of the above

129. In which year did the First World War begin?
 (A) 1914 (B) 1947 (C) 1941 (D) 1945
130. "I have nothing to offer but blood, toil, tears and sweat" – Who said this?
 (A) Adolf Hitler (B) Winston Churchill
 (C) Abraham Lincoln (D) Subhash Chandra Bose
131. He is _____ humble man.
 (a) The (b) an (c) a (d) any
132. The train departs _____ 2 p.m from Delhi
 (a) In (b) on (c) for (d) at
133. These chairs are made _____ wood.
 (a) of (b) from (c) with (d) by
134. There is a bull _____ the field.
 (a) On (b) in (c) above (d) over
135. The number of illiterate people _____ coming down.
 (a) have (b) has (c) are (d) is
136. Every one of the boys _____ intelligent.
 (a) is (b) has (c) are (d) have

Directions : These are four different words out of which one is correctly spelt.
 Find the correctly spelt word.

137. (a) sucessful (b) succesful (c) successful (d) successful
138. (a) comitte (b) commitee (c) committii (d) committee
- Directions: Choose the correct passive voice of the sentence given in the question.
139. Is the noise not disturbing the old man?
 (a) Is the old man not being disturbed by the noise?
 (b) Whether the old man is not being disturbed by the noise?
 (c) Is the noise not being disturbed by the old man?
 (d) Is the old man not disturbed by the noise?
140. My friend has completed the works.
 (a) The works has been completed by my friend.
 (b) The works have completed by my friend.
 (c) The works had been completed by my friend.
 (d) The works have been completed by my friend.

141. Atomic mass of Bromine is
 (a) 70 (b) 60 (c) 80 (d) 50
142. He _____ after his father.
 (a) resembles (b) takes care (c) hates (d) loves
143. The slope of a line perpendicular to the line joining A(-3, 1) with B(1, 5) is
 a) 1 b) -1 c) 0 d) 2
144. If one root of $ax^2 + bx + c = 0$ is double the other, then a, b, c must be related as
 a) $4b^2 = 9c$ b) $2b^2 = 9ac$ c) $2b^2 = 9a$ d) $b^2 = 8ac$
145. If the points (2, -3), (4, 3) and are on the same straight line, then
 a) $k = 6$ b) $k = 10$ c) $k = 12$ d) $k = 1$
146. Mr. A owns a home worth \$ 10,000. He sells it to Mr. B at a 10% profit based on the worth of the house. Mr. B sells the house back to Mr. A at a 10% loss. Then
 a) A comes out even b) A makes \$ 11,000
 c) A makes \$ 1000 on the deal. d) A makes \$ 1100 on the deal
147. A can do a piece of work in 9 days. B is 50% more efficient than A. The number of days it takes B to do the same piece of work is
 a) 6 b) 3 c) 4 d) 13
148. The largest number by which the expression $n^3 - n$ is divisible for all integer values of n is
 a) 3 b) 6 c) 5 d) 4
149. The sum of two numbers is 10 and their product is 20. Then the sum of the reciprocals is
 a) $\frac{1}{2}$ b) 1 c) 2 d) $\frac{1}{10}$
150. The number of distinct lines representing the altitudes, medians and interior angle bisectors of a triangle that is isosceles, but not equilateral, is
 a) 9 b) 7 c) 6 d) 5
151. The base of a triangle is 80, and one of the base angles is 60° . The sum of the lengths of the other two sides is 90. The shortest side is
 a) 12 b) 17 c) 15 d) 40
152. Which of the following numbers is a perfect square?
 a) 50625 b) 50629 c) 60621 d) 80629

153. While tuning a radio, we use
a) DC – Circuits b) AC circuits
c) AC resistors d) DC resistors
154. Thyroid gland secretes a hormone called
a) Cretins b) Thyroxin
c) Thyroxime d) Thyrixime
155. Parenchyma cells contain chloroplasts called
a) Sclerenchyma b) Chorenchyma
c) Collenchyma d) none of these
156. Mumps is caused by which virus?
a) Vivax b) Paramyxo c) Entamoeba d) none of these
157. Radiation therapy is employed in the treatment of which disease?
a) Malaria b) Typhoid c) Cancer d) AIDS
158. Which of the following scientists got Nobel Prize for the +RNA modelling?
a) Robert Holley b) Darwin
c) Charles Babbage d) Newton
159. Who discovered penicillin?
a) Albert b) Moreno c) Alexander Fleming d) Lewis Pasteur
160. First transgenic plant is
a) potato b) tomato c) tobacco d) maize
161. Longest Snake is
a) Anaconda b) Diamond Python c) Indian Python d) Royal Python
162. Who is the father of Indian Bryology?
a) S.R Kashyap b) J.C Bose
c) Bhattacharya d) Bhaskara
163. Which part of root system absorbs water?
a) Meristematic zone b) Root hair
c) Root cap d) Pericycle of root
164. Central most region of stem of a plant is
a) hard bast b) pericycle c) pith d) Collenchyma

165. Name of the metal found in structure of chlorophyll?
 a) Manganese b) Magnesium
 c) Iron d) copper
166. Name the respirators cell organelle of cells
 a) Photons b) Mitochondria
 c) Glycolytes d) Auxins
167. The instrument used to measure volume of air in breathing movement is
 a) Nano meter b) sparo meter
 c) Spiro meter d) Hypopnoea
168. Study of heart is
 a) Cardiology b) Hematology c) Myology d) Cariology
169. Oxygen molecule is
 a) Para magnetic b) Ferromagnetic c) Dia magnetic d) Antifera
170. What is known as caustic soda?
 a) Sodium carbonate b) sodium bicarbonate c) sodium hydroxide d) sodium sulphate
171. Which element does not have any neutron in its atom?
 a) Sodium b) Hydrogen c) Calcium d) magnesium
172. Which of the following is a wrong sentence?
 a) It is a quiet place b) This lesson is quiet easy
 c) She is a quiet girl d) Keep quiet
173. The price of essential articles in all the states _____ shot up.
 a) are b) have c) has d) have been
174. I will phone you when he _____ back
 a) comes b) will come c) is coming d) will be coming
175. He _____ out five minutes ago
 a) had gone b) has gone c) have been going d) went
176. Annihilate means
 a) Suppress b) cancel c) reject d) destroy

177. He is rather a cold fish. Here the meaning of the underlined word is
 a) Generous b) sad c) happy d) unfriendly
178. Never _____ the humble request. (Select appropriate word to fill in the blanks)
 a) laugh at b) discourage c) criticise d) reject
179. Medical doctors should try to _____ as many patients as possible.
 a) heal b) kill c) hale d) heel
180. Who Introduced the tern protoplasm .
 a) T.H Huxely b) J.E Purleinje c) Rudolf Virchow d) Robert Hooke

SECTION - B

- Note : 1. Each Question carries 10 marks each (10 x 2= 20 Marks)
 2. Both questions are compulsory
 3. Answer should not exceed two pages

1. Explain the impact of globalization on Indian Economy
2. Write a note on
 - a. Made in India
 - b. Make in India