

A

Reg. No :



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) - 25-12-2015
(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:-

1. Angle between minute hand and hour hand of a clock at 10.40 is _____
a. 120° b. 80°
c. 20° d. 40°
2. From a group of bowlers and 6 batsmen, how many cricket team of 11 members can be formed containing at least 4 batsmen and 6 bowlers?
a. 3060 b. 3040
c. 2060 d. 3080
3. If $n(n+2) = 24$ then $n =$ _____.
a. 4 b. 8
c. 10 d. 6
4. Number of permutations of the letters of the word SEQUENCE is _____.
a. 220 b. 230
c. 210 d. 240
5. Rama purchased a refrigerator for Rs.9,000/-. If the reduction he gets is 20% then his profit is 30%. What is the M.R.P in Rupees?
a. Rs. 15,625/- b. Rs. 14,725/-
c. Rs. 14,675/- d. Rs. 14,625/-

6. 4, 5, 9, 16, 26....? (Find the number in the blank space)
- a. 39 b. 37
c. 35 d. 41
7. The ratio of the earnings of Ravi and Shankar in a month is 4:5 and the ratio of their expenditure is 3:4. If both save Rs.600/- per month, what is their total earnings?
- a. Rs. 6,400/- b. Rs. 7,400/-
c. Rs. 5,400/- d. Rs. 8,400/-
8. Three years ago, age of father was 3 times that of his sons. Twelve years later, father's age is twice that of his son. What is the age of the father?
- a. 45 years b. 48 years
c. 60 years d. 30 years
9. Two high school classes took the same test. One class of 20 students made an average grade of 80%, the other class of 30 students made an average grade of 70%. The average grade for all students in both classes is _____.
- a. 75% b. 74%
c. 72% d. 77%
10. Who was the first Indian to go to space?
- a. Rakesh Sharma b. Kalpana Chawla
c. Sunitha Williams d. Adithya Arora
11. Name the country that introduced bullet train service for the first time
- a. India b. Japan
c. England d. America
12. Where is the head quarters of Southern Railways?
- a. Chennai b. Vishakapattanm
c. Mangalore d. Coimbotor
13. Sorrow : Joy :: Pleasure:?
- a. Feat b. Anger
c. Hatred d. Pain
14. Which of the following is an example of an input device?
- a. Scanner b. Speaker
c. CD d. Printer

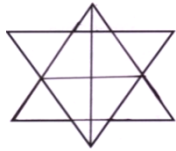
15. The Shape of the earth is
- a. Round
 - b. Square
 - c. Geiod
 - d. None of the above
16. Which of the following part of a cell is non-living?
- a. Cell Wall
 - b. Mitochondria
 - c. Cell membrane
 - d. Lysosome
17. The heaviest fundamental particle is
- a. proton
 - b. electron
 - c. neutron
 - d. position
18. who is known as father of ayurveda?
- a. Aristotle
 - b. Charaka
 - c. Parashara
 - d. Sushratha
19. The chief sources of oils used to make soap are
- a. Petroleum products
 - b. coal and coke
 - c. Animals and plants
 - d. soaps and detergent
20. The velocity of sound is highest in
- a. Air
 - b. water
 - c. glass
 - d. vacuum
21. The process of obtaining food and utilizing it in the body is
- a. respiration
 - b. nutrition
 - c. excretion
 - d. reproduction
22. The popular index of BSE is known as
- a. SENSEX
 - b. NIFTY
 - c. OTCEL
 - d. MIDCAP
23. One Kilobyte is equal to how many bytes?
- a. 16
 - b. 1024
 - c. 124
 - d. 1000
24. Who invented the super computer
- a. Seilmour cray
 - b. Chales Babage
 - c. Augusta Ada
 - d. Karl capek

25. The Birthday of Swami Vivekananda is on
- January 12
 - March 12
 - January 10
 - June 11
26. Where is the Mountain God Win situated
- USA
 - India
 - Africa
 - Norway
27. Where is the Char minar situated?
- Ahmedabad
 - Hyderabad
 - Bangalore
 - Mysore
28. Dum Dum Airport is in
- Calcutta
 - Delhi
 - Chennai
 - Bombay
29. Which is the common name for Carcinoma?
- Fever
 - Cancer
 - Head ache
 - Tooth pain
30. Which is the lowest prime number?
- 0
 - 1
 - 2
 - 10
31. What is glass made out of?
- Sand
 - Minerals
 - Protons
 - Chemicals
32. Indian railway is divided into how many zones?
- 8
 - 4
 - 9
 - 12
33. What is the colour of the planet Maras
- Red
 - Green
 - Blue
 - White
34. Who invented the Micro Scope?
- Z Janssen
 - John Logy
 - Alexander Graham Bell
 - Fleming

35. "Indira Point" is at
a. Delhi
b. Calcutta
c. Bangalore
d. Southern Part of India
36. Who founded "Ramakrishna Mission"
a. Swami Vivekananda
b. Ramakrishna Paramahansa
c. Sharada Devi
d. Sister Niveditha
37. A Leap year has _____ days
a. 365
b. 366
c. 30
d. 12
38. Who is the chief minister of Delhi?
a. Sheela Deekshith
b. Narendra Modi
c. Aravind Kejriwala
d. Najeeb Singh
39. The head quarter of World Bank is at
a. Manila
b. Washinton
c. Newyork
d. Geneva
40. Expand DVD
a. Digital Video Disk
b. Digital Versatile Disk
c. Digital Video Drive
d. Digital Virtual Disk
41. Milk fever is due to deficiency of _____
a. Calcium
b. Phosphate
c. Iron
d. Iodine
42. Which bank started "Indpay Mobile app" service _____
a. Indian Bank
b. Dena Bank
c. Punjab National Bank
d. Indian Overseas Bank
43. Online LPG service is associated with _____
a. SAHAJ
b. PAHAL
c. CCBS
d. XLN
44. 'Yellow Revolution' relates to _____
a. Pulses
b. Gold
c. Agriculture
d. None of the above

45. Following is an example for Non-renewable sources _____
 a. Minerals
 b. Water
 c. Solar
 d. None of the above
46. NOTA stands for _____
 a. National On time Agency
 b. None Of The Above
 c. None of the All
 d. None Of The Act
47. The winner of Nobel Prize 2015 (Economics) _____
 a. Anger Datus
 b. Tom McCarthy
 c. Pgoji Obiyama
 d. Sathoshi Omura
48. 'National Consumer Day' is on _____
 a. December 24
 b. January 26
 c. March 7
 d. February 28
49. NAREGA stands for _____
 a. River
 b. Cooli Yojana
 c. Town
 d. Mineral
50. The period of 12th Five year plan _____
 a. 2014-19
 b. 2013-18
 c. 2005-10
 d. 2011-16
51. Which of the following is out of the group? _____
 a. 8
 b. 27
 c. 63
 d. 125
52. Who is known as "Karnataka Gandhi"? _____
 a. K T Bhasyam
 b. Alur Venkatrav
 c. O Siddhalingha
 d. Hardekar Manjappa
53. The highest peak of Karnataka _____
 a. Nandi Hills
 b. Mullayyana Giri
 c. Biligiri
 d. Male Mahadeshwara
54. The total number of states in India _____
 a. 30
 b. 28
 c. 29
 d. 27

55. 30% of 1500 is _____
- a. 45 b. 450
c. 4,500 d. 45,000
56. The rate of interest for fixed deposit (FD) is _____
- a. Fixed b. Floating
c. Fixed + Floating d. None of the above
57. "Science Express - 2015" - the special train is for _____
- a. Protection of forest b. Awareness of Global Warming
c. AIDS awareness d. Anti corruption
58. Find the number of triangles in the following picture.



- a. 22 b. 24
c. 27 d. 28
59. The Indian Constitution has _____ fundamental rights
- a. 4 b. 6
c. 5 d. 9
60. The number of attempts available for civil service Examination are _____
- a. 4 b. 5
c. 3 d. No limit
61. Which is the largest planet in our solar system? _____
- a. Jupiter b. Pluto
c. Mercury d. Venus
62. What is Numismatics?
- a. Study of animals b. Study of coins
c. Study of spices d. None of the above
63. Insulin is produced by _____
- a. Heart b. Liver
c. Pancreas d. Kidneys

64. Who presents budget in the parliament?
a. Finance Minister b. Prime Minister
c. President d. Chief Minister
65. Who discovered anti-rabies vaccine?
a. Abu Nawaz b. Louis Pasteur
c. Lawrence d. Van Tassel
66. The symbol of Gold is _____
a. Au b. Bu
c. D4 d. A4
67. Who wrote 'Das Capital'?
a. S N Banerjee b. Nehru
c. Gandhiji d. Karl Marx
68. The 'National Flower' of India _____
a. Rose b. Lotus
c. Jasmine d. Lilly
69. "Bank Account for every citizen" is under the scheme _____
a. Surya Mitra b. JANANI
c. JANDHAN d. PAHAL
70. Where is the Niagara fall situated?
a. U S A b. India
c. Africa d. Germany
71. The leaning Tower is located in _____
a. China b. Italy
c. Australia d. Russia
72. Where did the first coins circulate in India?
a. Central India b. Western India
c. South India d. Bihar & eastern U.P
73. The first country to establish trade relations with India was
a. Portugal b. Holland
c. France d. England

74. The first newspaper in India was
a. Sambad kaumudi b. Bengal Gazette
c. Maratal Akbar d. Pioneer
75. The minimum distance between the sun and the earth occurs on
a. December 22 b. June 21
c. September 22 d. January 3
76. What is the unit of measurement of the distances of stars from the earth?
a. Light year b. Fathoms
c. Nautical Miles d. Kilo meters
77. To which group does the black cotton soil of India belong?
a. Laterite b. Podzol
c. Chernozem d. Alluvial
78. Which country is known as the sugar bowl of the world?
a. India b. Cuba
c. Russia d. USA
79. Which area of India receives the least rainfall?
a. Laddakh b. The Western Ghats
c. Eastern Rajasthan d. Western Tamil Nadu
80. Right to Information is a
a. Fundamental right b. Social right
c. Cultural right d. Legal right
81. The President of India is
a. The head of the State b. The head of the Government
b. The head of the State as well as Government
d. None of the above
82. The Members of the legislative assembly are elected for a term of
a. Three years b. Four years
c. Five years d. Six years
83. Washing soda is
a. Sodium Chloride b. Hydrated Sodium Carbonate
c. Sodium Bicarbonate d. Calcium Carbonate

84. In which district do you find Krishnaraja Sagar dam?
a. Mandya b. Mysore
c. Coorg d. Hasan
85. The visible part of the sun's surface is called
a. Isosphere b. Photosphere
c. Hydrosphere d. Mesosphere
86. Duleep Trophy is associated with the game of-
a. Hockey b. Badminton
c. Football d. Cricket
87. He will get back in _____ hour.
a. a b. an
c. the d. some
88. My friends _____ the Prime Minister yesterday.
a. See b. have seen
c. saw d. had seen
89. I _____ English for five years.
a. Study b. am studying
c. was studying d. have been studying
90. She won't _____ advice from anyone.
a. accept b. except
c. aspect d. accent
91. She sings well _____.
a. Does she? b. doesn't she?
c. don't she? d. isn't she?
92. Directions : Out of the four alternatives, choose the one prefix which forms the opposite word of the given word
Proportionate.
a. un b. in
c. dis d. im

93. Directions: Choose the alternative which best expresses the meaning of the idiom / phrase.

The prices are going up by leaps and bounds.

- a. irregularly
- b. rapidly
- c. systematically
- d. Gradually

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

- a. sucessful
- b. succesful
- c. successful
- d. successful

95. Directions: Choose the correct passive voice of the sentence given in the questions Is the noise not disturbing the old man?

- (a) Is the old man is 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?

96. Number of bits in nibble are

- a. 1
- b. 2
- c. 3
- d. 4

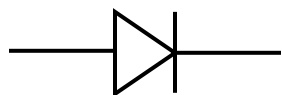
97. The Indian engineer who is the present CEO of Google is

- a. Sthya Nadella
- b. Sundar Rajan Pichai
- c. Narayana Moorthi
- d. Nandan Neelekani

98. The only animal belonging to cat family which attack the prey in groups is

- a. lioness
- b. tigers
- c. wolfs
- d. cheetah

99. Following figure is the electronic symbol of



- a. Triode b. Transistor
c. Resistor d. Diode
100. Electromagnetic induction was discovered by
a. Thomas Alva Edison b. Michael faraday
c. Newton d. Nicholas Tesla
101. Which of the following has more heat energy?
a. 100°C water b. 100°C steam
c. 0°C water d. 0°C ice
102. Majority charge carriers in n-type semiconductors are
a. electrons b. holes
c. protons d. neutrons
103. Which of the following is a non metal that remains liquid at room temperature?
a. Bromine b. Chlorine
c. Helium d. Hydrogen
104. Nuclear process occurring in stars is
a. nuclear fusion b. nuclear fission
c. combustion d. chemical reaction
105. Which of the following is used in pencils?
a. Silicon b. Graphite
c. Charcoal d. Phosphorous
106. Which of the gas is not known as green house gas?
a. Methane b. Nitrous oxide
c. Carbon dioxide d. Hydrogen

107. The hardest substance available on earth is
a. Gold b. Iron
c. Platinum d. Diamond
108. Light year is related to
a. Energy b. Speed
c. Distance d. Intensity
109. Match the following quantities with their units and select the correct option
- | | |
|---------------|------------------|
| p. Resistance | 1. Amprere |
| q. Current | 2. Ohm |
| r. Force | 3. Watt |
| s. Power | 4. <u>Newton</u> |
- a. p-1, q-2, r- 4, s-3 b. p-2, q-3, r- 4, s-1
c. p-4, q-1, r- 2, s-3 d. p-2, q-1, r- 4, s-3
110. Alexander Fleming discovered
a. Penicillin b. X-ray
c. Streptomycin d. Telephone
111. Which of the following is incorrect?
a. Roentgen invented X-ray
b. Newton invented Law of gravitation
c. Einstein invented Photoelectric effect
d. Mendeleev developed periodic table
112. Philology is the
a. Study of bones b. Study of muscles
c. Study of architecture d. Study of languages
113. Electromagnetic induction was discovered by
a. Thomas Alva Edison b. Michael faraday
c. Newton d. Nicholas Tesla

114. Which of the following instruments is used to measure pressure of gases?
- a. Barometer
 - b. Manometer
 - c. Ammeter
 - d. None of these
115. How many Dynes are there in one gram weight?
- a. 900
 - b. 375
 - c. 981
 - d. 250
116. The unit of current is
- a. Ohm
 - b. Watt
 - c. Ampere
 - d. None of these
117. The intensity of an earthquake is measured with a
- a. Barometer
 - b. Hydrometer
 - c. Polygraph
 - d. Seismograph
118. Who among the following described protoplasm as the physical basis of life?
- a. T. H. Huxley
 - b. Leeuwenhoek
 - c. Rudolf Virchow
 - d. J. C. Bose
119. The scientist who first discovered that the earth revolves round the sun was
- a. Newton
 - b. Dalton
 - c. Copernicus
 - d. Einstein
120. Who among following invented the steam engine?
- a. Marconi
 - b. James Watt
 - c. Thomas Savery
 - d. Wright Brothers

121. Study of life in outer space is known as
a. Endobiology b. Exobiology
c. Enterobiology d. Neobiology
122. Who invented the Doctor's thermometer?
a. Fahrenheit b. Edison
c. Galileo d. None of these
123. The velocity of light was first measured by
a. Einstein b. Newton
c. Romer d. Galileo
124. Who among the following evolved the concept of relationship between mass and energy?
a. Einstein b. Planck
c. Dalton d. Rutherford
125. Election Commissioner of India _____
a. Achal Kumar Jyothi b. Om Prakash Ravath
c. Naseema Jaidi d. H S Brahma
126. The Capital of Telangana State is
a. Ahmedabad b. Hyderabad
c. Gandhi Nagar d. None of the above
127. The founder of "Brahma Samaja"
a. Annie Besant b. Ramakrishna Paramahansa
c. Sister Niveditha d. Rajaram Mohan Roy
128. Which part of the computer is known as its brain?
a. ROM b. CPU
c. NET d. RAM
129. Who is the father of white revolution?
a. M.S Swaminathan b. B P Paul
c. K N Bhahi d. V Kuriyan

130. The Volume of blood in a common human body is
a. 2-3 liters b. 5-6 liters
c. 8-10 liters d. 12-14 liters
131. Minimum age to compete for Lokha Sabha
a. 30 years b. 21 years
c. 25 years d. 35 years
132. The ratio of Indian National Flag as per Indian Flag code
a. 3 : 5 b. 2 : 3
c. 3 : 4 d. 2 : 4
133. If 23 toys cost Rs.276, how much will be the cost of 12 toys?
a. 144 b. 148
c. 156 d. 186
134. Oil : Seeds :: Book : _____?
a. Paper b. Bambo
c. Sugar Cane d. Iron ore
135. Shri Hari Kota : Andra Pradesh :: Bandipur : _____?
a. Mysore b. Chamaraj Nagar
c. Chikkamagalur d. Bangalore
136. R B I nationalised in the year
a. 1959 b. 1947
c. 1945 d. 1949
137. Which blood group is called universal Receiver?
a. AB b. A+
c. B+ d. O-
138. World literacy year
a. 2015 b. 1990
c. 1985 d. 2002

139. Where was the India's first satellite communication earth Station setup
a. Bangalore b. Sri Hari Kota
c. Pune d. Bombay
140. Kathkali is the dance form of the state
a. Tamilnadu b. Kerala
c. Karnataka d. Andra Pradesh
141. Which river is Known as Bengal's Sorrow?
a. Koshi b. Damodar
c. Narmada d. Ganga
142. Where is the Gateway of India Situated?
a. Mumbai b. Delhi
c. Kashmir d. None of these
143. The Stories of Panchatantra were written by
a. Vishnu Sharma b. Kalidasa
c. Panini d. Chanakya
144. What is the full form of IPC
a. Indian Police Code b. Indian Penal Code
c. International Prime Code d. None of the above
145. Wimbledon is known for the sports
a. Tennis b. Football
c. Cricket d. Hockey
146. Name the country where paper money was first used
a. India b. China
c. Japan d. USA
147. When was "Vande Mataram" first sung?
a. 1986 b. 1947
c. 1896 d. 1856
148. Name the country where chess originated
a. Denmark b. India
c. Srilanka d. America

149. Who was the first woman Prime Minister of the world?
a. Indira Gandhi b. Annie Besant
c. Sirimavo Bandranayike d. Kim Kamp bell
150. The first medical college of India was started at
a. Calcutta b. Bangalore
c. Madras d. Bombay
151. "Savana" means
a. Equatorial Forest b. Island
c. Plateau d. None of the above
152. The harappans did not know the use of
a. Bronze b. Gold
c. Silver d. Iron
153. Ring worm is caused by
a. Bacteria b. Fungus
c. Virus d. Worms
154. Calderras are formed from
a. Volcanoes b. Earthquakes
c. Rivers d. Glaciers
155. What are vitamins?
a. Organic compounds b. Living Organism
c. Inorganic Substance d. None of the above
156. The parliament of India consists of
a. Lok sabha & Rajya sabha
b. The president, Lok sabha & Rajya sabha
c. President, Lok sabha , Rajya sabha & council of ministers
d. All of the above
157. Who recognises political parties in India?
a. President b. Prime minister
c. Election commission d. Registrar General

158. The largest bank of India
a. Reserve Bank b. Central Bank
c. State Bank of India d. Indian Bank
159. Mitakshara is a book of
a. Medicine b. Astronomy
c. Hindu law of inheritance d. Dharmasastra
160. Which is the biggest oil consuming country of the world?
a. USA b. UK
c. USSR d. India
161. Who is regarded as “the mother of Indian Revolution”?
a. Annie Besant b. Snehalata Wadkar
c. Sarojini Naidu d. Madam Bhikaji Rustam
162. Which of the following principles is used in firing rockets?
a. Bowley’s Law b. Newton’s third Law of Motion
c. Kinetic theory of gases d. Law of Gravitation
163. Raju is three year younger to Sonu. Bunty is two years older than Raju.
What is Sonu’s age in relation to Bunty?
a. Two year older b. One year older
c. Three year older d. None of these
164. Shankaracharya born at
a. Kaladi b. Dwaraka
c. Badari d. Gokarna
165. Which city is known as “Punjab of Karnataka”?
a. Mandya b. Bagalkot
c. Bellari d. Bijapur
166. Which country is the world’s largest producer of rice?
a. India b. China
c. Bangladesh d. Sri Lanka
167. What is the playing time of our National Anthem?
a. 52 seconds b. 60 seconds
c. 54 seconds d. 30 seconds

168. Which country is known as the "Home of cotton"?
- a. Brazil
 - b. India
 - c. Germany
 - d. Sweden
169. Who elects the chief justice of high court in State?
- a. President
 - b. Prime Minister
 - c. Chief minister
 - d. None of the above
170. Recently the G-20 summit held at
- a. France-Paris
 - b. Egypt- Kairo
 - c. Turkey-Entalya
 - d. None of the above
171. Which of the following has been released in digital series by Prime minister Narendra Modi
- a. Mahachi Harath
 - b. Bagavad Geetha
 - c. Ramayana
 - d. Rama Charitha Manasa
172. 2017 Asian Athletic Championship will be held at
- a. Tokyo
 - b. Delhi
 - c. Ranchi
 - d. Dakha
173. Basavanna: Kudalasangama deva :: Akkamahadevi: ?
- a. Chennamallikarjuna
 - b. Guheshwara
 - c. Harihara
 - d. None of the above
174. The longest river of Karnataka
- a. Kaveri
 - b. Tungabadra
 - c. Krishna
 - d. Netravati
175. The biggest organ on the human body
- a. Skin
 - b. Heart
 - c. Liver
 - d. Pancreas
176. Who invented autom?
- a. Madam Curi
 - b. Newton
 - c. Michel Farde
 - d. None of the above
177. Which of the following fraction is least?
- a. $\frac{60}{250}$
 - b. $\frac{38}{228}$
 - c. $\frac{115}{500}$
 - d. $\frac{4}{113}$

178. Who is the 43rd Chief Justice of Supreme Court?
a. T.S. Taqor b. H.L.Datt
c. H.J.Kania d. Chandrachud
179. "Science day" is celebrated in India to mark well known scientist.....
a. APJ Kalam b. C.V.Raman
c. Aryabatta d. Radhakrishanan
180. El NINO relates to.....
a. Monsoons b. Volcanoes
c. Earthquake d. Tsunami
-

SECTION -B

- Note:** 1. Each question carries 10 marks each
2. Both questions are compulsory
3. Answer should not exceed two pages
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1. Explain the present status of agriculture in India (10 x 1= 10 Mark)
2. Write a note on :- (5 x 2= 10 Marks)
a. Jana Dhan Yojana
b. Recent trends in Foreign Direct Investment
