

PARLIAMENT OF INDIA
(JOINT RECRUITMENT CELL)

**PRELIMINARY EXAMINATION FOR POSTS OF
EXECUTIVE/LEGISLATIVE/COMMITTEE/PROTOCOL OFFICER AND
RESEARCH/REFERENCE OFFICER IN LOK SABHA SECRETARIAT**

14th May, 2010

INSTRUCTIONS :

- (i) Write your Roll No. and other details in the appropriate columns of the answer sheet.
- (ii) Mark your answer by fully darkening/blackening the circle. No marks will be given for responses outside the circle. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose only one response for each question. Use blue or black Ball Pen only to mark your response.
- (iii) The answer once marked in Ball Pen cannot be changed.
- (iv) All questions carry equal marks.
- (v) No candidate will be allowed to leave the examination hall before the scheduled conclusion of the examination.
- (vi) At the conclusion of the examination, hand over both the question paper and the answer sheet to the invigilator.
- (vii) For rough work, a blank sheet has been appended at the end of this question paper.

Time: 2 hours

Marks: 150

भारत की संसद
(संयुक्त भर्ती प्रकोष्ठ)

लोक सभा सचिवालय में कार्यकारी/विधायी/समिति/नयाचार अधिकारियों
तथा शोध /संदर्भ अधिकारियों के पदों की भर्ती हेतु प्रारम्भिक परीक्षा

14 मई, 2010

निर्देश :

- (i) उत्तर पुस्तिका के समुचित कालम में अपना रोल नम्बर व अन्य विवरण लिखें ।
- (ii) अपना उत्तर चिह्नित करने के लिए संबंधित गोलाकार को नीले या काले स्याही के बालपैन से पूरी तरह भर दें । यदि आपको ऐसा लगे कि एक से अधिक उत्तर सही है तो इस उत्तर को अंकित कीजिए जो आपको सर्वोत्तम लगे । स्पष्ट है कि प्रत्येक प्रश्न के लिए एक ही उत्तर का चयन किया जाएगा । अपना उत्तर अंकित करने के लिए केवल नीले या काले स्याही के बॉलपैन का ही प्रयोग करें ।
- (iii) बॉल पैन से चिह्नित उत्तर को बदला नहीं जा सकता ।
- (iv) सभी प्रश्नों के अंक समान हैं ।
- (v) परीक्षा के लिए निर्धारित अवधि से पहले किसी परीक्षार्थी को परीक्षा हॉल से बाहर जाने की अनुमति नहीं दी जायेगी ।
- (vi) परीक्षा समाप्त होने के पश्चात् निरीक्षक को प्रश्नपत्र और उत्तर पुस्तिका दोनों ही सुपुर्द करें ।
- (vii) इस प्रश्नपत्र के अंत में कच्चा काम करने के लिए खाली पन्ना संलग्न किया गया है ।
- (viii) किसी भी प्रकार का संदेह होने पर अंग्रेजी संस्करण देखें ।

समय : 2 घंटे

अंक : 150

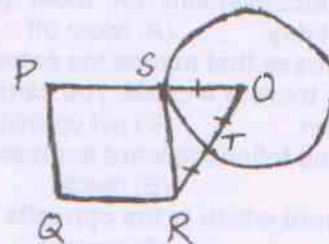
1. Deimos and Phobos are the satellites of (A) Neptune (B) Saturn (C) Mars (D) Uranus
2. The only planet on which the Sun rises in the west is (A) Neptune (B) Pluto (C) Uranus (D) Venus
3. Aryabhata is famous for his work in (A) Philosophy (B) Astronomy (C) Medicine (D) Puranas
4. Which of the following glands in the human body is popularly called Adam's Apple (A) Adrenal (B) liver (C) Thyroid (D) Thymus
5. Google chrome is (A) a mapping device (B) a computer painting software (C) a browser (D) an anti virus program
6. Which of the following States/Union Territories do not have the Scheduled Castes (A) Punjab (B) Lakshadweep (C) West Bengal (D) Andhra Pradesh
7. Anticlines and synclines are resultants of (A) Earthquake (B) Faulting (C) Folding (D) Contact metamorphosis
8. The oldest monarchy in the world is that of (A) Britain (B) Japan (C) Nepal (D) Saudi Arabia
9. Who was the head of the drafting committee in India's Constituent Assembly? (A) Sachidanand Sinha (B) B.N. Rau (C) Jawaharlal Nehru (D) B.R. Ambedkar
10. The Preamble to the Constitution of India enshrines the ideals of 'liberty, equality and fraternity' inspired from the (A) Russian revolution (B) Irish revolution (C) French revolution (D) American revolution
11. The name of the Union given in the Constitution is (A) Hindustan or Bharatvarsha (B) India or Hindustan (C) India or Bharat (D) Bharatvarsha or India
12. Which of the following writs is called the 'bulwark of personal freedom'? (A) Mandamus (B) Quo Warranto (C) Habeas Corpus (D) Prohibition
13. Which of the following is associated with the recent volcanic eruption that took place in Iceland? (A) Eyjafjallajokull (B) Mount Etna (C) Santa Ana (D) Mount Vesuvius
14. The amendment procedure of the Indian Constitution is modeled on that of (A) USA (B) South Africa (C) Canada (D) Ireland
15. The number of non permanent members of the UN Security Council is (A) 5 (B) 10 (C) 15 (D) 20
16. The maximum duration for which the President's office in India can remain vacant is (A) 1 month (B) 2 months (C) 3 months (D) 6 months
17. Which of the following represents the percentage contribution of the agriculture sector to the Gross Domestic Product of the Indian economy (approximately)? (A) 15% (B) 17% (C) 21% (D) 30%
18. The last amendment to the Preamble to the Constitution of India was carried out in the year (A) 1958 (B) 1962 (C) 1976 (D) 1978
19. Who discovered Ultrasound? (A) Ian Donald (B) Roger Bacon (C) J.P. Merrill (D) Joseph Lister
20. Which of the following is not matched properly?

<u>Biosphere Reserve</u>	<u>State</u>
(A) Dibru Saikhowa	Assam
(B) Dehang Debang	Mizoram
(C) Norkek	Meghalaya
(D) Panchmarhi	Madhya Pradesh
21. The world's rarest element on earth is (A) Palladium (B) Astatine (C) Radium (D) None of these
22. Which of the following cases highlighted that 'total reservation in the Government jobs cannot exceed 50% of total? (A) TA Pai case (B) Minerva Mills case (C) Keshvanand Bharti case (D) Indira Sawhney case
23. Cirrhosis is the disease which affects the (A) brain (B) liver (C) kidney (D) lungs
24. Peace Palace is the official headquarters of (A) WHO (B) FAO (C) ICJ (D) IBRD
25. Equinoxes are the dates when the Sun shines directly over the (A) Tropic of Cancer (B) Tropic of Capricorn (C) Equator (D) None of these
26. Marcel Corbillion Cup is associated with (A) Hockey (B) Lawn Tennis (C) Football (D) Table Tennis
27. In which of the following years was the name of G7 changed to G8? (A) 1994 (B) 1996 (C) 1998 (D) 1999
28. Pick the odd man out (A) Juan Antonio Samaranch (B) Perez de Cueller (C) Boutros-Boutros Ghali (D) Kofi Annan
29. Which of the following articles of the Constitution deals with the Financial Emergency? (A) Article 352 (B) Article 356 (C) Article 360 (D) Article 370
30. Public holidays are declared under (A) Constitution of India (B) Indian Contract Act (C) Negotiable Instruments Act, 1881 (D) Public Employee's Act, 1967
31. What does the term 'Prima Donna' mean in opera? (A) Leading female singer (B) orchestra (C) new composition (D) climax of the show

32. Which is not a popular peer to peer network on the internet
(A) Kazaa (B) Morpheons (C) Gnutilla (D) Tazaa
33. A member of UN can be suspended under Article 5 of the UN Charter by
(A) Security Council only (B) General Assembly only (C) by General Assembly upon the recommendation of Security Council (D) by Economic and Social Council of UN
34. Which of the following is not a disease under surveillance target
(A) Cholera (B) Plague (C) Tuberculosis (D) Typhoid
35. The World Environment Day is celebrated every year on which of the following days
(A) 5th July (B) 5th August (C) 5th June (D) 15th June
36. Durand Line is the border common to which two nations?
(A) Pakistan and Afghanistan (B) India and China (C) India and Tibet (D) China and Afghanistan
37. In India, which one of the following States has the largest inland saline wetland?
(A) Madhya Pradesh (B) Rajasthan (C) Haryana (D) Gujarat
38. With reference to Lok Adalats consider the following statements-
(i) Family disputes are not covered under lok Adalat
(ii) No appeal lies against the award of Lok Adalat before any court
Which of the statements given above is/are correct?
(A) (i) only (B) (ii) only (C) Both (i) and (ii) (D) Neither (i) nor (ii)
39. How many stars are on the European Union Flag? (A) 10 (B) 12 (C) 14 (D) 16
40. Astrologically speaking, two of the fire signs are LEO and ARIES. Which is the third?
(A) Scorpio (B) Aquarius (C) Sagittarius (D) Taurus
41. In which organ of the body is the pineal gland?
(A) Kidney (B) Brain (C) Stomach (D) Liver
42. A disabled candidate appearing in the Indian Civil Services Examination will get
(A) four chances (B) five chances (C) six chances (D) seven chances
43. Nobody's Perfect is written by an author who does not have arms or legs. He is
(A) Hirotsada Ootake (B) David Halbersam (C) Lee Lacocca (D) Migual de Cervantes
44. The Parliament of which country is known as 'Althing'?
(A) Iceland (B) Denmark (C) Norway (D) Sweden
45. Which planet takes 84 years to orbit the Sun?
(A) Uranus (B) Pluto (C) Neptune (D) Saturn
46. 'QUARK' 2009 refers to (A) India Russia joint naval exercise (B) India's project to Mars
(C) An exhibition on peaceful uses of nuclear energy (D) None of these
47. Who among the following non members can take part in the proceedings of the Indian Parliament without the right to vote?
(A) Ex-Speaker of Lok Sabha (B) Attorney General of India
(C) Chief Justice of India (D) Comptroller and Auditor General of India
48. Rabat is the capital of which kingdom?
(A) Brunei (B) Malawi (C) Morocco (D) Yemen
49. How many numbers lie between 300 and 500 in which 4 comes only one time?
(A) 99 (B) 100 (C) 110 (D) 120
50. Which of the following Constitutional Amendments provide that the total number of Ministers, including the Prime Minister in the Council of Ministers shall not exceed fifteen per cent of the total number of members of the House of the people?
(A) 90th Amendment (B) 91st Amendment (C) 92nd Amendment (D) 93rd Amendment
51. Out of the four options given below, select the correct one:
(A) 'dare' is a modal (B) 'is' is an adjective (C) 'Mr. Smith' is a pronoun (D) 'tall' is a verb
52. Out of the four options given below, select the correct one:
(A) I told him on his face that he was a liar (B) I told him at his face that he was a liar
(C) I told him to his face that he was a liar (D) I told him in his face that he was a liar
53. Out of the four options given below, select the one which uses the correlatives correctly:
(A) He not only cheated me but also my friend (B) He cheated not only me but my friend
(C) He cheated not only me but also my friend (D) He not only cheated me but my friend
54. Out of the four options given below, select the correct one:
(A) I watched the film from the beginning to the end (B) I watched the film from beginning to end
(C) I watched the film from the beginning to end (D) I watched the film from beginning to the end
55. "Flaming Ice" is an example of (A) metonymy (B) simile (C) synecdoche (D) oxymoron
56. Pick out the correct option: (A) I have disposed of my house (B) I have disposed off my house
(C) I have disposed my house of (D) I have disposed my house off
57. Pick out the correct option: (A) All the students except myself are going for the picnic (B) All the students except I are going for the picnic
(C) All the students except my-self are going for the picnic (D) All the students except me are going for the picnic
58. Out of the four words given below, select the one word which is a synonym of 'Taciturn':
(A) reticent (B) convoluted (C) idiomatic (D) excessive

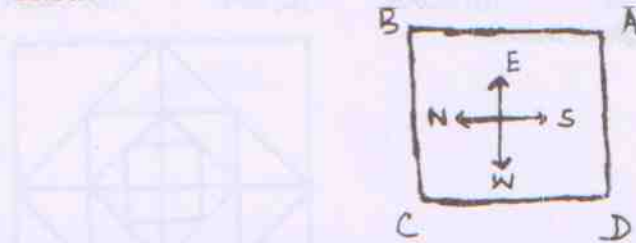
59. Out of the four given words, select one word which is not a synonym of "Diffident":
 (A) timid (B) unobtrusive (C) tedium (D) self-effacing
60. Out of the given four words, select one which is a synonym of "Incorrigible":
 (A) tacit (B) invective (C) inventive (D) incurable
61. Out of the four words, select one word which is a synonym of "Perspicacious":
 (A) sweaty (B) astute (C) secretion (D) dampness
62. Out of the four words given below, select one word which is an antonym of "Recluse":
 (A) loner (B) outsider (C) hermit (D) friendly
63. Out of the four options given below, select the one which is opposite the meaning to "Cloistered":
 (A) secluded (B) cosseted (C) confined (D) gaping
64. Out of the four options given below, select the correct antonym of "Trite":
 (A) pedestrian (B) hackneyed (C) original (D) Banal
65. Out of the four options given below, select the correct antonym of "Crabby":
 (A) surly (B) easygoing (C) grumpy (D) testy
66. Out of the four options given below, select the one which completes the following: One crowded hour of glorious life is worth an age _____:
 (A) without a name (B) without fame (C) without a crown (D) without a fortune
67. One swallow does not make a _____. Out of the four given options, select the correct one:
 (A) winter (B) autumn (C) spring (D) summer
68. Find the word that comes closest to *serendipity*: (A) luck (B) weakness (C) old age (D) illness
69. Find the word that comes closest to *go for a spin*:
 (A) sell cheaply (B) tell lies (C) fast dance (D) aimless drive
70. Find the word that comes closest to *egregious*: (A) bad (B) friendly (C) generous (D) busy
71. Choose the incorrect part of the sentence:
 (A) Considering (B) all the aspects of the problem, (C) the solution (D) was nowhere in sight
72. Choose the incorrect part of the sentence: (A) I will appreciate it (B) If you will make an effort
 (C) to notify everyone concerned (D) of the merits of this project
73. Choose the correct pair of sentences from the following: (i) the members of the Committee but not the chairperson wants to know the details (ii) the members of the committee but not the chairperson want to know the details (iii) Neither of the students are to blame (iv) Neither of the students is to blame (A) i and iii (B) ii and iv (C) i and iv (D) ii and iii
74. Fill in the blank with the most appropriate word(s):
 The secretary has been looking forward _____ the new recruits
 (A) for meeting (B) in meeting (C) to meet (D) to meeting
75. Which of the following phrases will not be suitable in the following blank space:
 They finally _____ the right person to do the job
 (A) tracked down (B) roped in (C) zeroed in on (D) turned up
76. Which one (s) of the following pairs of sentences has/have a wrongly spelt word?
 (i) The investigators made discreet inquiries about the incident
 (ii) The extend of his ignorance surprised everyone
 (A) (i) (B) (ii) (C) (i) and (ii) (D) neither
77. Find the odd pair out:
 (A) lone-lonely (B) sweet-sweetly (C) slow-slowly (D) sure-surely
78. Find the phrase that means the same as the underlined word in the given sentence:
 If it was inconvenient for most people, we could have postponed the meeting to another convenient day. (A) taken off (B) called off (C) set off (D) put off
79. Find the phrase that means the same as the underlined word in the given sentence:
 Every time there is a crisis, you cannot depend on your junior officers to help you out.
 (A) pull up on (B) put up with (C) fall back on (D) get along with
80. Which of the following word expresses the opposite meaning of *pernicious*:
 (A) helpful (B) deadly (C) occupied (D) vacant
81. Find the word which is the opposite meaning of *cacophony*:
 (A) allophony (B) harmony (C) taxonomy (D) peace
82. Which of the following words is not synonymous with *sporadic*?
 (A) precious (B) intermittent (C) spasmodic (D) anecdotal
83. The idiom *a chip on your shoulder* means:
 (A) be happy (B) be afraid (C) be upset (D) be tired
84. Which of the following sentences is grammatically correct?
 (A) Being recession in America, I returned to India in search of a suitable job (B) As it being recession in America, I returned to India in search of a suitable job (C) It being recession in America, I returned to India in search of a suitable job (D) Having recession in America, I returned to India in search of a suitable job
85. Choose the antonym of the word 'brash' (A) impatient (B) measured (C) crash (D) slow

86. Which of the alternatives best expresses the meaning of the underlined idiom in the following sentence: I reject to be led by the nose
 (A) To allow one's nose being pulled (B) to be made straightforward (C) to be made to remain quiet even after smelling something wrong (D) to be made to follow submissively
87. Which of the following words fits the definition 'purposeful killing of a whole nation, race, or people'? (A) Genocide (B) fratricide (C) homicide (D) holocaust
88. Which of the following words means the opposite of the word 'limpid'?
 (A) strong (B) opaque (C) clear (D) steady
89. Which of the following phrase is a correct definition of 'dementia'?
 (A) loss of mental ability and functioning, especially in the elderly (B) loss of inertia
 (C) loss of perceptive ability, especially in the students (D) loss of the sense of dimension
90. Complete the sentence with the correct option
 Do you recognize the person _____?
 (A) who Ravi is talking to (B) whom Ravi is talking (C) Whom is Ravi talking (D) Who is Ravi talking with
91. Which one of the following options best completes the sentence?
 The man asked the child _____?
 (A) If she likes the ice cream
 (B) did she liked the ice cream (C) if she liked the ice cream (D) did she like the ice cream
92. What is the meaning of the Greek prefix 'amphi' in the word 'amphibious'?
 (A) of same kind (B) of both sides or kinds (C) of both ability (D) of common origin
93. In the sentence, 'The ambassador is a person who lies abroad for the good of his country,' the underlined word is an example of (A) metonymy (B) synecdoche (C) pun (D) antithesis
94. The sentence 'The child is father of the man' is (A) an epigram (B) an apostrophe (C) a metaphor (D) hyperbole
95. Give the meaning of the phrase 'mutatis mutandis' (A) remaining mute
 (B) with necessary changes made (C) handing over the important charge (D) as it appears
96. Which one of the following phrases is the correct definition of the word 'heliocentric'?
 (A) a system with the Sun at its centre (B) a system with the Earth at its centre
 (C) a system with life on the Mars (D) a system with the Hell at the centre of the world
97. Which of the following sentences is grammatically correct?
 (A) The jury did not agree in their opinions (B) The jury did not agree in its opinions
 (C) The jury did not agree in its opinion (D) The jury did not agree in their opinion
98. A room next to the kitchen, especially in a large house, where pans are washed and vegetables are prepared for cooking is called (A) scullery (B) scrub (C) oboe (D) transom
99. In the sentence, 'he has a bone to pick with you,' the idiom 'a bone to pick with you' means
 (A) fight physically (B) work together (C) a reason to complain (D) face challenge
100. Give the synonym of the word 'singe.' (A) sear (B) seam (C) sink (D) absorb
101. P, Q and R are three consecutive odd numbers in ascending order. If the value of three times P is 3 less than two times R, then the value of R is: (A) 5 (B) 7 (C) 9 (D) 11
102. Consider a sequence of nine consecutive integers. The average of the first five integers is n. Then the average of all the nine integers is: (A) n+1 (B) n+2 (C) n+3 (D) n+4
103. Anita had to do a multiplication. Instead of taking 35 as one of the multipliers, she took 53. As a result, the product went up by 540. What is the new product? (A) 1050 (B) 1540 (C) 1040 (D) 1590
104. Instead of walking along two adjacent sides of a rectangular field, a boy took a short cut along the diagonal and saved a distance equal to half the longer side. Then, the ratio of the shorter side to the longer side is: (A) 3/4 (B) 2/3 (C) 1/4 (D) 1/2
105. PQRS is a square. SR is a tangent (at point S) to the circle with centre O and TR = OS. Then, the ratio of area of the circle to the area of the square is:

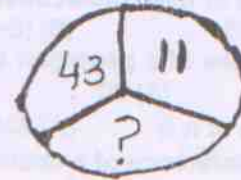


- (A) $\pi/3$ (B) 11/7 (C) $3/\pi$ (D) 7/11
106. Given that $\sqrt{4096} = 64$, the value of $\sqrt{4096} + \sqrt{40.96} + \sqrt{0.004096}$ is :
 (A) 71.4 (B) 71.104 (C) 70.4 (D) 70.464
107. When the price of fans was reduced by 20%, the number of fans sold increased by 40%. The effect on the sales was: (A) 30% increase (B) 40% increase (C) 12% increase (D) 12% decrease
108. At simple interest, a sum doubles after 20 years. The rate of interest per annum is:
 (A) 5% (B) 10% (C) 12% (D) data inadequate
109. A is twice as fast as B and B is thrice as fast as C. The journey covered by C in 36 minutes will be covered by A in: (A) 6 minutes (B) 12 minutes (C) 18 minutes (D) 25 minutes

110. The missing number in the series $1/3, 3/5, 5/8, 7/12, 9/17, \dots$ is (A) $10/23$ (B) $11/23$ (C) $11/21$ (D) $11/25$
 111. Four persons A, B, C and D are stationed at the four corners of a square piece of plot as shown below:



- A starts crossing the field diagonally. After walking half the distance he turns left, walks for some distance and turns right. Which direction is A facing now?
 (A) South (B) South-east (C) North-east (D) North-west
112. A cricket ball is lighter than a hockey ball. A volley ball is lighter than a football. A hockey ball is lighter than a football but heavier than a tennis ball. Which is the heaviest ball?
 (A) cricket ball (B) Hockey ball (C) Volley ball (D) Football
113. Insert the missing number

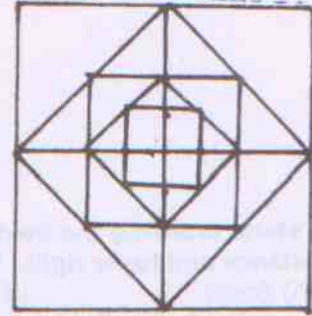


- (A) 5 (B) 6 (C) 8 (D) none
114. At the time when my younger sister was born my mother was 24 years of age. My father is older than my mother by 8 years. If I am now 21 years of age and my sister is 3 years younger to me, what is my father's age. (A) 45 years (B) 43 years (C) 50 years (D) 53 years
115. If '-' stands for addition, '+' for multiplication, '÷' for subtraction, and 'x' for division, which of the following equation is wrong? (A) $5-2+12x6+2 = 7$ (B) $5+2-12x6+2 = 10$ (C) $5+2-12+6x2 = 13$ (D) $5+2+12x6-2 = 3$
116. The difference between the ages of two brothers is half the difference between the ages of their parents. The elder brother is 28 years of age. Their father's age was 38 years when the younger brother was born who is now 25 years of age. What is their mother's age?
 (A) 57 (B) 58 (C) 60 (D) 56

DIRECTION: Questions 117 and 118 refer to the data given below:

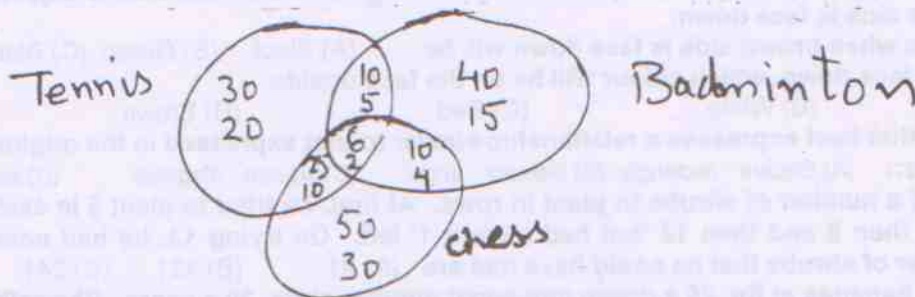
- A cube has six sides each of a different colour. Black side is opposite white side. Blue side is opposite green side. Brown side is adjacent to blue and green side. Red side is adjacent to green side. The white side is face down.
117. The face upside when brown side is face down will be (A) Black (B) Green (C) Blue (D) Red
118. If green side is face down, which colour will be on the face upside
 (A) Blue (B) White (C) Red (D) Brown
119. Select the pair that best expresses a relationship similar to that expressed in the original pair
 Circle : Diameter :: (A) Square : rectangle (B) bisector : angle (C) square : diagonal (D) angle : triangle
120. A gardener had a number of shrubs to plant in rows. At first, he tried to plant 5 in each row, then 6 in each row, then 8 and then 12 'but had always 1' left. On trying 13, he had none left. The smallest number of shrubs that he could have had are (A) 91 (B) 121 (C) 241 (D) 481
121. A woman buys bananas at Rs. 25 a dozen and equal number at Rs. 30 a score. She sells them at Rs. 36 a score and thus makes a profit of Rs. 100. The number of bananas that she bought is
 (A) 12000 (B) 12300 (C) 12450 (D) 12800
122. A man sold a horse at a loss of 7%. Had he been able to sell it at gain of 9%, it would have fetched Rs. 640 more. The cost price of the horse was (A) Rs.1280 (B) Rs.10240 (C) Rs. 6400 (D) Rs. 4000
123. In 2011, there would be ten teams in IPL. Each team would play with the other team and with one more return match between the two. There would be two semifinals matches, one final and one for deciding 3rd and 4th position. The number of IPL matches next year would be (A) 79 (B) 85 (C) 94 (D) 1004
124. A bath can be filled by cold water pipe in 10 minutes and by the hot water pipe in 15 minutes. A person leaves the bath soon after turning on both. He returns just when the bath should be full. Finding however the waste pipe has been open, he closes it. In 4 minutes more the bath is full. The waste pipe would empty it in (A) 6 minutes (B) 7 minutes (C) 8 minutes (D) 9 minutes
125. A father tells his son, "I was of your present age, when you were born". If the father is 42 years old now, then the son's age after three years would be (A) 18 years (B) 23 years (C) 24 years (D) 25 years
126. Which one number is wrong in the series 4, 8, 7, 14, 12, 24, 19, 36, 28 (A) 12 (B) 24 (C) 28 (D) 36

127. Consider the series 8, 9, 8, 7, 10, 9, 6, 11, 10, ?, 12
Which one of the value of ? will complete the series (A) 11 (B) 8 (C) 7 (D) 5
128. In a certain code language (i) GUDA BUKA means CLEAR WATER (ii) PIN COLA means OVERCAST SKY and (iii) PIN SAF BUKA means CLEAR BLUE SKY. Which one of the following in that code language means BLUE? (A) PIN (B) BUKA (C) SAF (D) COLA
129. How many squares are there in the figure given below:



- (A) 12 (B) 13 (C) 16 (D) 17
130. If Vipul is taller than Hans, Hans is taller than Anand, Alok is taller than Ashok, Ashok is taller than Hans, then who among them is the shortest? (A) Ashok (B) Hans (C) Anand (D) Cannot be determined
131. If the sum of five consecutive integers is S, what is the largest of those integers in terms of S? (A) $(S-10)/5$ (B) $(S+4)/4$ (C) $(S+10)/5$ (D) $(S+5)/4$
132. If the angles of a pentagon are in the ratio of 2 : 3 : 3 : 5 : 5, what is the measure of the smallest angle (A) 20° (B) 40° (C) 60° (D) 80°
133. The value of π is (A) $22/7$ (B) more than $22/7$ (C) less than $22/7$ (D) less than 3.141
134. The circumference of a circle is $a\pi$ units, and the area of the circle is $b\pi$ square units. If $a^2 - 6a + 8 < 0$ then (A) $1 < b^2 < 4$ (B) $0 < b^2 < 2$ (C) $b^2 > 4$ (D) $4 < b^2 < 16$
135. A 5-metre long cylindrical pipe has an inner diameter of 6 m and outer diameter of 8 m. If the total surface area (inside and out, including the ends) is $k\pi$, the value of k is (A) 40 (B) 48 (C) 70 (D) 84
136. At what time between 4^o and 5^o clock will the minute hand and the hour hand make an angle of 30^o with each other (A) 4^o 27' (B) 4^o 24' (C) 4^o 27 $\frac{3}{11}$ ' (D) 4^o 16 $\frac{2}{11}$ '
137. If 8th March, 1988, which is your date of birth, is a Monday, on what day of the week will your birthday fall in the year 1989? (A) Tuesday (B) Sunday (C) Monday (D) Friday
138. A person travels a distance of 7 km south, then 6 km East, and finally travels 15 km towards his left side. What is the distance between the final and the initial point in the journey? (A) 14 km (B) 10 km (C) 11 km (D) 12 km
139. If 13, 221, 17, 19, 437, 23, 23, x, 29 then x is equal to (A) 617 (B) 667 (C) 697 (D) 707
140. The number of ways in which a couple can sit around a table with 5 guests if the couple take consecutive seats is (A) 240 (B) 1440 (C) 72 (D) 720
141. The odd one among the numbers 441, 289, 361, 343 is (A) 343 (B) 441 (C) 289 (D) 361

DIRECTION: Following questions 142-146 are based on the diagram below. The number on the top gives the number of boys and the number below it is the number of girls.



142. How many Tennis players are Badminton players? (A) 16 (B) 20 (C) 25 (D) 23
143. How many boys do not play chess? (A) 40 (B) 80 (C) 60 (D) 100
144. How many girls play Badminton? (A) 26 (B) 15 (C) 66 (D) 42
145. How many boys and girls play at least two games? (A) 56 (B) 60 (C) 72 (D) 84
146. How many boys and girls play at least one game? (A) 260 (B) 257 (C) 282 (D) 293
147. The sum of first 20 even positive integers is (A) 420 (B) 406 (C) 362 (D) 188
148. Two circular ends are added to two opposite sides of a square lawn whose side is 70 m in such a way that the centre of each circle being the point of intersection of the diagonals of the square. The area of whole lawn (in m^2) is (A) 6200 (B) 7200 (C) 8400 (D) 6300
149. Seven years ago the father's age was thrice the age of his son. Eight years hence, the father will be twice as old as his son. The present age of son is (A) 18 years (B) 20 years (C) 22 years (D) 16 years
150. If the price of sugar falls by 2 $\frac{1}{2}$ % a person can buy 9kgs. more of sugar for Rs. 126 than before. If the price had risen by 12 $\frac{1}{2}$ %, how much sugar would he have bought for the same sum? (A) 312 kg. (B) 310 kg. (C) 255 kg. (D) 303 kg.

1. निम्नलिखित में से किन ग्रहों से डिमोज और फोबोज उपग्रह संबद्ध हैं:-
(क) नेपच्यून (ख) शनि (ग) मंगल (घ) यूरेनस
2. निम्नलिखित ग्रहों में से कौन सा ऐसा ग्रह है जिसके पश्चिम से सूर्य उदित होता है:-
(क) नेपच्यून (ख) प्लूटो (ग) यूरेनस (घ) शुक्र
3. निम्नलिखित में से किस क्षेत्र में कार्य करने के लिए आर्यभट्ट सुविख्यात थे:-
(क) दर्शन (ख) खगोल शास्त्र (ग) औषधि (घ) पुराण
4. निम्नलिखित में से मानव शरीर की किस ग्रंथि को आम तौर पर टेंडुआ (एडम्स ऐपल) कहा जाता है:-
(क) अधिवृक्क (एड्रीनल) (ख) यकृत (ग) गल ग्रंथि (घ) बाल्य ग्रंथि
5. निम्नलिखित में से गूगल कोम किस रूप में प्रयुक्त होता है:-
(क) नक्शा निर्माण उपकरण (ख) कम्प्यूटर पेंटिंग सॉफ्टवेयर (ग) ब्राउजर (घ) एंटीवायरस प्रोग्राम
6. निम्नलिखित में से किन राज्यों/संघराज्य क्षेत्रों में अनुसूचित जातियाँ नहीं हैं:-
(क) पंजाब (ख) लक्षद्वीप (ग) पश्चिम बंगाल (घ) आंध्र प्रदेश
7. निम्नलिखित में से किनके परिणामस्वरूप अपनति और अभिनति होती है:-
(क) भूकम्प (ख) भ्रंशन (फॉल्टिंग) (ग) सलवट (फोल्डिंग) (घ) कंटैक्ट मेटामॉर्फोसिस
8. निम्नलिखित में से किस देश का राजतंत्र सबसे प्राचीन है:-
(क) ब्रिटेन (ख) जापान (ग) नेपाल (घ) सउदी अरब
9. भारतीय संविधान परिषद की प्रारूपण समिति के अध्यक्ष कौन थे:-
(क) सच्चिदानन्द सिन्हा (ख) बी.एन. राव (ग) जवाहरलाल नेहरू (घ) बी. आर. अम्बेडकर
10. निम्नलिखित में से किसके प्रेरणास्वरूप 'स्वतंत्रता, समता और बंधुत्व' के आदर्श को उद्देशिका में स्थान दिया गया है:-
(क) रूसी क्रांति (ख) आयरिश क्रांति (ग) फ्रांसीसी क्रांति (घ) अमरीकी क्रांति
11. संविधान में निम्नलिखित में से संघ को क्या कहा गया है ?
(क) हिन्दुस्तान या भारतवर्ष (ख) इंडिया या हिन्दुस्तान (ग) इंडिया या भारत (घ) भारतवर्ष या इंडिया
12. निम्नलिखित रिट में से किसे 'व्यक्तिगत स्वतंत्रता का रक्षक' कहा जाता है:-
(क) परमादेश (ख) अधिकार पृच्छा (ग) बंदी प्रत्यक्षीकरण (घ) प्रतिषेध
13. निम्नलिखित में से कौन-सी संज्ञा अभी हाल ही में आईसलैंड में हुए ज्वालामुखी विस्फोट से संबद्ध है:-
(क) ऐजापजाल्लाजोकुल (ख) माउंट एटना (ग) सैंटा आना (घ) माउंट वेसुवियस
14. निम्नलिखित में से किस देश के संविधान को आधार मानते हुए भारतीय संविधान की संशोधन प्रक्रिया तैयार की गई है:-
(क) संयुक्त राज्य अमेरिका (ख) दक्षिण अफ्रीका (ग) कनाडा (घ) आयरलैंड
15. संयुक्त राष्ट्रसंघ सुरक्षा परिषद के अस्थायी सदस्यों की संख्या बताएं:-
(क) 5 (ख) 10 (ग) 15 (घ) 20
16. राष्ट्रपति का पद अधिकतम कितनी अवधि के लिए रिक्त रह सकता है:-
(क) एक माह (ख) दो माह (ग) तीन माह (घ) छह माह
17. भारतीय अर्थव्यवस्था के सकल घरेलू उत्पाद में कृषि क्षेत्र का योगदान कितना प्रतिशत है:-
(क) 15 प्रतिशत (ख) 17 प्रतिशत (ग) 21 प्रतिशत (घ) 30 प्रतिशत
18. भारत के संविधान की उद्देशिका में अंतिम संशोधन निम्नलिखित में से किस वर्ष में किया गया:-
(क) 1958 (ख) 1962 (ग) 1976 (घ) 1978
19. निम्नलिखित में से किन्होंने अल्ट्रासाउंड की खोज की थी:-
(क) इयान डोनाल्ड (ख) रोजर बेकन (ग) जे.पी. मेरिल (घ) जोसेफ लिस्टर
20. निम्नलिखित में से कौन सुमेलित नहीं है:-
(क) बॉयोस्फेयर रिजर्व राज्य
(ख) डिब्रु सैखोवा असम
(ग) देहांग दिबांग मिजोरम
(घ) नोर्कैक मेघालय
(घ) पंचमढी मध्य प्रदेश
21. विश्व में धरती पर सबसे कम पाया जाने वाला तत्व क्या है:-
(क) पलाडियम (ख) एस्टाटाइन (ग) रेडियम (घ) इनमें से कोई नहीं
22. निम्नलिखित में से किस मामले के परिणामस्वरूप इस बात पर बल दिया गया कि 'सरकारी नौकरियों में आरक्षण 50 प्रतिशत से ज्यादा नहीं हो सकता:-
(क) टी.ए. पै मामला (ख) मिनर्वा मिल्स मामला (ग) केशवानंद भारती मामला (घ) इन्दिरा साहनी मामला
23. सिरोसिस रोग निम्नलिखित में से किसको प्रभावित करता है:-
(क) मस्तिष्क (ख) यकृत (ग) वृक्क (घ) फेफड़ा
24. निम्नलिखित में से किस संगठन का मुख्यालय 'पीस पैलेस' है:-
(क) डब्ल्यू.एच.ओ. (ख) एफ.ए.ओ. (ग) आईसीजे (घ) आईबीआरडी
25. विषुव तारीखों के दिन सूर्य निम्नलिखित में से किन पर सीधे प्रकाश डालता है:-
(क) कर्क रेखा (ख) मकर रेखा (ग) भूमध्य रेखा (घ) इनमें से कोई नहीं

26. निम्नलिखित में से किस खेल से 'मार्सेल कोरबिलियोन कप' संबंधित है—
(क) हॉकी (ख) लॉन टेनिस (ग) फुटबाल (घ) टेबल टेनिस
27. निम्नलिखित में से किस वर्ष में जी-7 का नाम बदलकर जी-8 कर दिया गया—
(क) 1994 (ख) 1996 (ग) 1998 (घ) 1999
28. निम्नलिखित में से कौन संदर्भ से बाहर है—
(क) जुआन एंटोनियो समारांच (ख) पेर्रेज दे कुइयार (ग) बुतरस बुतरस घाली (घ) कोफी अन्नान
29. संविधान का कौन सा अनुच्छेद वित्तीय आपातस्थिति से संबंधित है—
(क) अनुच्छेद 352 (ख) अनुच्छेद 356 (ग) अनुच्छेद 360 (घ) अनुच्छेद 370
30. निम्नलिखित में से किसके अंतर्गत सार्वजनिक अवकाशों की घोषणा की जाती है—
(क) भारत का संविधान (ख) भारतीय संविदा अधिनियम (ग) परकाम्य लिखत अधिनियम, 1881 (घ) पब्लिक एम्प्लाइज ऐक्ट, 1967
31. ओपेरा में 'प्राइमा डोना' से क्या अभिप्राय है—
(क) मुख्य गायिका (ख) आर्केस्ट्रा (ग) नई गीत रचना (घ) शो का कलाइमेक्स
32. निम्नलिखित में से इंटरनेट पर कौन सा पीयर टू पीयर नेटवर्क लोकप्रिय नहीं है—
(क) कज़ा (ख) मोर्फिंग्स (ग) न्यूटिला (घ) तज़ा
33. संयुक्त राष्ट्र के चार्टर के आर्टिकल 5 के अंतर्गत निम्नलिखित में से किसके द्वारा संयुक्त राष्ट्र संघ के किसी सदस्य को निलंबित किया जा सकता है—
(क) केवल सुरक्षा परिषद (ख) केवल महासभा (ग) सुरक्षा परिषद की सिफारिश पर महासभा द्वारा (घ) संयुक्त राष्ट्र की आर्थिक एवं सामाजिक परिषद द्वारा
34. निम्नलिखित में से कौन सा रोग सर्विलेंस टारगेट में नहीं है—
(क) हैजा (ख) प्लेग (ग) टी.बी. (घ) टाईफाइड
35. निम्नलिखित में से किस दिन प्रतिवर्ष विश्व पर्यावरण दिवस मनाया जाता है—
(क) 5 जुलाई (ख) 5 अगस्त (ग) 5 जून (घ) 15 जून
36. निम्नलिखित में से किन दो देशों के बीच सीमा रेखा के रूप में 'डूरंड रेखा' है—
(क) पाकिस्तान और अफगानिस्तान (ख) भारत और चीन (ग) भारत और तिब्बत (घ) चीन और अफगानिस्तान
37. भारत के निम्नलिखित में से किस राज्य में सबसे बड़ा लवणयुक्त दलदल क्षेत्र है—
(क) मध्य प्रदेश (ख) राजस्थान (ग) हरियाणा (घ) गुजरात
38. लोक अदालत के संदर्भ में निम्नलिखित वक्तव्यों पर विचार करें—
(एक) लोक अदालत के अंतर्गत पारिवारिक विवाद शामिल नहीं हैं।
(दो) किसी भी न्यायालय में लोक अदालत के पंचाट के खिलाफ अपील नहीं की जा सकती।
उपर्युक्त वक्तव्यों में से कौन सा/कौन से वक्तव्य सही है/सही हैं?
(क) केवल (एक) (ख) केवल (दो) (ग) (एक) और (दो) दोनों (घ) (एक) और (दो) में से कोई नहीं
39. यूरोपियन यूनियन ध्वज पर कितने तारे अंकित हैं—
(क) 10 (ख) 12 (ग) 14 (घ) 16
40. ज्योतिष शास्त्र की दृष्टि से सिंह और मेष दो अग्नि चिह्न हैं। निम्नलिखित में से तीसरा अग्नि चिह्न कौन सा है—
(क) वृश्चिक (ख) कुम्भ (ग) धनु (घ) वृष
41. शरीर के किस भाग में पीनियल ग्रंथि है—
(क) वृक्क (ख) मस्तिष्क (ग) उदर (घ) यकृत
42. भारतीय सिविल सेवा परीक्षा में भाग लेने के लिए एक निःशक्त प्रत्याशी को निम्नलिखित में से कितने अवसर प्राप्त होते हैं—
(क) चार (ख) पांच (ग) छह (घ) सात
43. 'नोबडीज परफेक्ट' नामक कृति के रचनाकार जिनके बाजू और पैर दोनों नहीं हैं, वे निम्नलिखित में से कौन हैं ?
(क) हिरोतादा ओतोताके (ख) डेविड हैल्बरसम (ग) ली लकोका (घ) मिगुआ दी सरवेंत
44. किस देश की संसद को 'आल्थिंग' के नाम से जाना जाता है ?
(क) आईसलैंड (ख) डेनमार्क (ग) नॉर्वे (घ) स्वीडन
45. निम्नलिखित में से कौन सा ग्रह सूर्य की परिक्रमा करने में चौरासी वर्ष का समय लेता है ?
(क) यूरेनस (ख) प्लूटो (ग) नेपच्यून (घ) शनि
46. निम्नलिखित में से किससे 'क्वार्क' 2009 संबद्ध है—
(क) भारत रूस संयुक्त नौसेना युद्धान्यास (ख) भारत की मंगल ग्रह परियोजना (ग) परमाणु ऊर्जा के शांतिपूर्ण प्रयोगों संबंधी प्रदर्शनी (घ) इनमें से कोई नहीं।
47. निम्नलिखित में से कौन ऐसे गैर सदस्य हैं, जो भारतीय संसद की कार्यवाही में मतदान किए बिना भाग ले सकते हैं ?
(क) लोक सभा का भूतपूर्व अध्यक्ष (ख) भारत का अटर्नी जनरल (ग) भारत के मुख्य न्यायाधीश (घ) भारत के नियंत्रक और महालेखापरीक्षक
48. निम्नलिखित में से किस राजतंत्र की राजधानी रवात है ?
(क) बुनेई (ख) मलावी (ग) मोरक्को (घ) यमन
49. 300 और 500 के बीच ऐसी कितनी संख्याएँ हैं जिनमें 4 केवल एक ही बार आता है ?
(क) 99 (ख) 100 (ग) 110 (घ) 120
50. निम्नलिखित संवैधानिक संशोधनों में से किस संशोधन में यह उपबंध है कि मंत्रिपरिषद में प्रधानमंत्री सहित मंत्रियों की कुल संख्या लोक सभा के सदस्यों की कुल संख्या के 15 प्रतिशत से ज्यादा नहीं होगी ?
(क) 90वाँ संशोधन (ख) 91वाँ संशोधन (ग) 92वाँ संशोधन (घ) 93वाँ संशोधन