JAGRAN
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UPPSC Main Exam 2011: General Studies Question Paper II

SERIES : C

2011

CODE : TRK-4

विषय : सामान्य अध्ययन
प्रश्नपत्र-II

Sub : **GENERAL STUDIES PAPER-II**

पूर्णांक : 200
समय : 2 घण्टे

Max. Marks : 200
Time : 2 Hours

अपना अनुक्रमांक बॉक्स में लिखें (अंकों में अथवा शब्दों में)
Write your Roll Number in the box (in numbers / in words)

प्रश्नों के उत्तर के लिये केवल काले बाल प्वाईंट पेन का इस्तेमाल करें ।
To mark Answer use Black ball point pen only.

जब तक न कहा जाय इस प्रश्न-पुस्तिका को न खोलें ।
Till told, do not open the booklet.

अभ्यर्थी उत्तर पत्रक पर उत्तर देने से पहले सभी अनुदेशों को सावधानीपूर्वक पढ़ लें ।
Candidate must read all the instructions before writing the answers.

आपको अपने सभी उत्तर केवल उत्तर-पत्रक पर ही देने हैं । परीक्षा उपरांत उत्तर-पत्रक इनविजिलेटर को लौटा दें ।
You are to mark your answer on Answer Sheet only. After the examination is over, handover the Answer Sheet to the Invigilator.
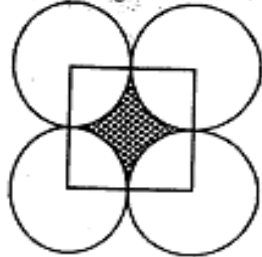
महत्त्वपूर्ण अनुदेश	IMPORTANT INSTRUCTIONS

1. सभी प्रश्नों के उत्तर दीजिये । सभी प्रश्नों के अंक समान हैं ।

2. उत्तर पत्रक पर अभ्यर्थी अपना अनुक्रमांक, विषय, प्रश्नपत्र का सही कोड एवं सीरीज अंकित करें अन्यथा उत्तर-पत्रक का मूल्यांकन नहीं किया जायेगा और उसकी जिम्मेदारी स्वयं अभ्यर्थी की होगी ।

3. इस प्रश्न-पुस्तिका में **150** प्रश्न हैं । प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं । अभ्यर्थी सही उत्तर निर्दिष्ट करते हुए उनमें से केवल एक गोले अथवा बबल को उत्तर पत्रक पर **काले बाल प्वाईंट पेन** से पूरा गहरा कर दें । एक से अधिक उत्तर देने की दशा में प्रश्न के उत्तर को गलत माना जायेगा एवं उसे जाँचा नहीं जायेगा ।

4. प्रश्न-पुस्तिका के कवर पेज पर अथवा अन्दर कहीं भी कुछ न लिखें । यदि आप रफ कार्य करना चाहते हैं तो आप इनविजिलेटर से वर्किंग शीट माँग लें व इस पर वांछित सूचनायें भर लें ।

5. प्रश्न-पुस्तिका खोलने के तुरन्त बाद ध्यान से देख लें कि प्रश्न-पुस्तिका के सभी पेज भली भाँति छपे हुए हैं । यदि प्रश्न-पुस्तिका में कोई कमी हो तो इनविजिलेटर को दिखाकर उसी सीरीज व कोड की दूसरी पुस्तिका प्राप्त कर लें ।

1. Answer all questions. All questions carry equal marks.

2. The candidate should indicate the correct Roll Number, Subject, Paper Code and its Series on the Answer-Sheet, otherwise the Answer-Sheet will not be evaluated and the candidate will be solely responsible for it.

3. This booklet contains **150** questions. Each question has 4 alternative answers. The candidate has to darken only one circle or bubble indicating the correct answer on the answer sheet using **black ball point pen**. If more than one answers are marked, it would be treated as wrong answer and it will not be examined.

4. Nothing is to be written on the cover page or any other page of this booklet. If you need a working sheet to do your rough work, please ask the invigilator for it and mention required information on it.

5. If you happen to find that the booklet issued to you does not have all the pages properly printed or it has any other deficiency, then you need to approach the invigilator to get another booklet of same series and code.

GENERAL STUDIES
Paper-II

1. Three cubes of edges 3 cm, 4 cm and 5 cm are melted to form a big cube. The ratio of the sum of the total surface of the three cubes and the total surface of the big cube is
   - (a) 2 : 1
   - (b) 3 : 2
   - (c) 25 : 18
   - (d) 27 : 20

2. A prime number between 10 and 40 remains unchanged if its digits are reversed. The square of such a number is
   - (a) 121
   - (b) 484
   - (c) 1089
   - (d) None of the above

3. Ram is taller than Shyam, but shorter than Mohan. Ali is shorter than John and John is not as tall as Shyam. If all of them stand in a row according to their height, who will be in the middle ?
   - (a) Mohan
   - (b) Ram
   - (c) Shyam
   - (d) John

4. A is brother of B and M; G is mother of B; F is father of A. Which of the following statements is not correct ?
   - (a) B is brother of M.
   - (b) A is father of M.
   - (c) G is wife of F.
   - (d) A is son of F

5. If the salary of 'B' is 10% more than the salary of 'A' and the salary of 'C' is 10% less than the salary of 'B', which of the following statements will be correct ?
   - (a) The salary of 'B' is the least.
   - (b) The salary of 'C' is the least.
   - (c) 'A' and 'C' both have equal salary.
   - (d) The salary of 'A' is the least.

6. If the sum of two numbers is 100 and their difference is 50, the ratio of the two numbers will be
   - (a) 2 : 1
   - (b) 3 : 1
   - (c) 4 : 1
   - (d) 5 : 1

7. If the price of tea goes up from ₹ 200 per kg to ₹ 250 per kg, what is the percentage by which a man must reduce the consumption so that he continues to spend the same amount on tea ?
   - (a) 25 percent
   - (b) 20 percent
   - (c) 28 percent
   - (d) 30 percent

8. In a class of 100 students, 35 students failed in Mathematics and 25 students failed in English. If 15 students failed in Mathematics and English both, what is the number of students, who passed in both the subjects ?
   - (a) 40
   - (b) 45
   - (c) 55
   - (d) 60

9. Two poles of heights 6 m and 11 m stand on a flat ground. If the distance between their feet is 12 m, what will be the distance between their tops ?
   - (a) 12 m
   - (b) 13 m
   - (c) 14 m
   - (d) 15 m

10. A number when divided by 296 gives the remainder of 75. What will be the remainder, if the same number is divided by 37 ?
    - (a) 1
    - (b) 2
    - (c) 8
    - (d) 11

11. Taking the four vertices of a square as centres, four circles of equal diameter are drawn in such a way that each circle touches two other circles, as shown in the figure below :

If the area of the shaded region is $13\frac{5}{7}$ cm^2, what will be the radius of each circle (taking $\pi = \frac{22}{7}$) ?

(a) 2.5 cm   (b) 4.0 cm
(c) 7.5 cm   (d) 6.0 cm

12. In a shooting competition, the average score of 8 competitors was 87 points. If two top competitors whose average score differed by 2 points were absent, the average would have been 85 points. The top score was

(a) 98   (b) 96
(c) 94   (d) 92

13. Six toys look alike, but one of them is lighter than the others. What is the minimum number of times, a balance is to be used to find it ?

(a) 1
(b) 2
(c) 3
(d) More than 3

14. If $B + D > 2C$,
    $B + C = 2D$,
    $A + C \geq B + D$ and
    $A + D \geq B + C$,
    the relation between A, B, C and D is

(a) $B > D > C > A$
(b) $A > D > C > B$
(c) $B > C > D > A$
(d) $A > B > D > C$

15. The surface area of a cube is 216 sq. m. What is its volume ?

(a) 512 cu.m.   (b) 480 cu.m.
(c) 216 cu.m.   (d) 100 cu.m.

16. A path of uniform width of 2.5 m runs outside a square field all around. What will be the length of the side of the square field, if the area of the path is 625 sq. m ?

(a) 60 m   (b) 55 m
(c) 50 m   (d) 70 m

17. Two pipes can fill a cistern in 20 and 30 minutes each respectively. When both the pipes were opened together to fill the cistern, it took 3 minutes longer than usual to fill up the cistern because of a leakage through a hole in the bottom of the cistern. If the cistern is full, in how many minutes, it will get emptied because of the leakage ?

(a) 10 minutes   (b) 20 minutes
(c) 30 minutes   (d) 60 minutes

18. A certain amount of money becomes ₹ 944 in three years by earning simple interest. If the rate of interest is increased by 25%, the amount would become ₹ 980 during the same period. What was the principal amount ?

(a) ₹ 600   (b) ₹ 800
(c) ₹ 860   (d) ₹ 700

19. A boat travels 10 kms in one hour down the stream and 14 kms in 2 hours up the stream. The time it will take to travel 17 kms in still water is

(a) 1 hour   (b) 1 ½ hours
(c) 1¾ hours   (d) 2 hours

20. Arrange the following fractions in descending order and select the correct answer from the codes given below :
    $\frac{2}{3}, \frac{4}{5}, \frac{3}{8}, \frac{1}{2}$

Codes :

(a) $\frac{4}{5}, \frac{2}{3}, \frac{1}{2}, \frac{3}{8}$ (b) $\frac{2}{3}, \frac{4}{5}, \frac{3}{8}, \frac{1}{2}$

(c) $\frac{4}{5}, \frac{1}{2}, \frac{3}{8}, \frac{2}{3}$ (d) $\frac{4}{5}, \frac{3}{8}, \frac{2}{3}, \frac{1}{2}$

21. The difference between the greatest and the least numbers of five digits formed by using the digits 0, 2, 3, 6 and 7 once, is
    (a) 35905
    (b) 50953
    (c) 55953
    (d) 95821

22. The sum of x and y is three times their difference. Then the value of $\dfrac{3xy}{2(x^2 - y^2)}$ is
    (a) $\dfrac{2}{3}$
    (b) 1
    (c) $\dfrac{3}{2}$
    (d) $\dfrac{5}{3}$

23. If the following words were arranged in ascending order of magnitude, with which letter the word in their middle will end ?
    "minute, hour, second, year, day, month, week"
    (a) d
    (b) r
    (c) y
    (d) k

24. A big carton containing mangoes weighs 150 kg, while inside it there are eight small cartons and in each one of them mangoes of equal weight have been kept. If the weight of the big carton when empty is 6 kg and that of each small carton is 2 kg, what is the weight of the mangoes in each small carton ?
    (a) 15 kg
    (b) 16 kg
    (c) 10 kg
    (d) 12 kg

25. Which one of the following sets is different from others ?
    (a) 41, 5, 3, 47
    (b) 11, 3, 13, 17
    (c) 43, 21, 7, 18
    (d) 71, 7, 3, 17

26. What is the multiplicative inverse of $-\dfrac{5}{6}$?
    (a) $\dfrac{5}{6}$
    (b) $-\dfrac{5}{6}$
    (c) $-\dfrac{6}{5}$
    (d) $\dfrac{6}{5}$

27. A point is selected at random inside a rectangle and perpendiculars are drawn on each side of the rectangle from the point. The total length of these perpendiculars is 40 cm. If one side of the rectangle is 3 times the other, what will be the area of the rectangle ?
    (a) 300 sq. cm.
    (b) 350 sq. cm.
    (c) 192 sq. cm.
    (d) None of the above

28. 'A' bought 13 shirts of ₹ 50 each, 15 sweaters of ₹ 60 each and 12 ties of ₹ 65 each. His average expenditure per article was
    (a) ₹ 58.25
    (b) ₹ 59.00
    (c) ₹ 60.15
    (d) ₹ 61.20

29. For a certain year, the percentage of the total population by age-group is as follows :

Age-Group in years	Percentage
15 years or less	30
16 – 25	17.75
26 – 35	17.25
36 – 45	14.50
46 – 55	14.25
56 – 65	5.12
66 and above	1.13

If 200 million people were below 36 years in age, approximately how many million will be in the age group 56 – 65 ?
    (a) 12.75
    (b) 14.90
    (c) 15.75
    (d) None of the above

30. The following table gives the revenue earned by a State in lakh rupees during the National Games :

	Revenue in lakh rupees
Sale of TV Rights	540.00
Sale of tickets	125.00
Receipts from the teams	115.00
Donation	20.50
Advertisements	10.00
Royalty etc.	7.29

What is the earning from advertisements as the percentage of the total revenue ?
- (a) 8.2
- (b) 7.1
- (c) 6.7
- (d) None of the above

31. On simplification $\frac{756}{882}$ becomes
- (a) $\frac{4}{7}$
- (b) $\frac{5}{7}$
- (c) $\frac{6}{7}$
- (d) $\frac{17}{23}$

32. The growth rate in India's GDP at market prices has been as follows :

1999 – 2000	–
2000 – 2001	3.94
2001 – 2002	5.99
2002 – 2003	4.11
2003 – 2004	8.61
2004 – 2005	7.09

The appropriate measure for deriving the average growth rate is
- (a) A.M.
- (b) G.M.
- (c) H.M.
- (d) Median

33. The arithmetic mean of certain observations is 35. If each number is increased by 5, what will be the arithmetic mean ?
- (a) 32
- (b) 40
- (c) 43
- (d) 60

34. The following gives the data regarding accidents occurring during a certain period :
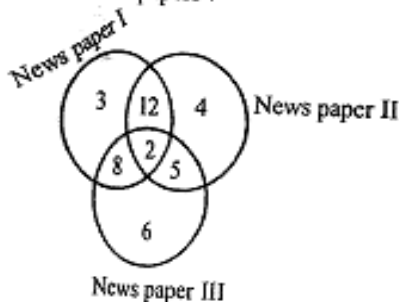
Number of accidents :	1	2	3	4	5	6
Frequency :	19	22	31	9	3	2

On how many days, three or less accidents occurred ?
- (a) 8
- (b) 55
- (c) 68
- (d) 72

35. The following table gives the distribution of students according to the marks obtained in a paper :

Marks	Number of Students
Below 10	15
Below 20	38
Below 30	65
Below 40	84
Below 50	100

What is the number of students getting 30 or more than 30 marks ?
- (a) 35
- (b) 43
- (c) 50
- (d) 65

36. Consider two investments A and B such that the coefficient of variation for investment A is 30% and the coefficient of variation for investment B is 7.5 %. Then
- (a) Investment A is more volatile than B
- (b) Investment B is more volatile than A
- (c) Nothing can be concluded
- (d) None of the above is correct

37. As feet are to shoes, so head is to
- (a) umbrella
- (b) comb
- (c) hat
- (d) hair

38. The total population consisting of children, adults and old persons is 900 K. If in a pie-diagram, the angles subtended by them at the centre are 100°, 180° and 80° respectively, what will be their respective numbers ?
    (a) 250 K, 450 K, 200 K
    (b) 210 K, 490 K, 200 K
    (c) 200 K, 450 K, 250 K
    (d) None of the above

39. Which of the following can be the graphical representation of data ? Select the correct answer from the code given below :
    1. Bar Diagram
    2. Frequency Curve
    3. Frequency Table
    Codes :
    (a) 1 only
    (b) 1 and 2 only
    (c) 1, 2 and 3
    (d) 2 and 3 only

40. If the standard deviation of variable X is σ, then standard deviation of $Y = 5X$ will be
    (a) σ
    (b) 5σ
    (c) $\frac{\sigma}{5}$
    (d) $\sigma + 5$

41. Three unbiased coins are tossed. The probability of getting exactly two heads is
    (a) 3/8
    (b) 4/8
    (c) 5/8
    (d) 7/8

42. An organization has 80 male and 20 female employees. The average salary of male employees is ₹ 25,000, but the average salary of female employees is ₹ 17,000. What will be the combined average of the salary ?
    (a) ₹ 21,000
    (b) ₹ 22,400
    (c) ₹ 23,400
    (d) – ₹ 19,500

43. The distribution of the population of a city according to literacy is as follows :
    Literate Men   35%
    Literate Women   33%
    Illiterate Men   24%
    Illiterate Women   8%
    If the total population of the city is 2,50,000, how many more men are literate as compared to literate women ?
    (a) 10,000
    (b) 5,000
    (c) 1,500
    (d) 500

44. The arithmetic mean of 50 observations was found to be 36. It was later on discovered that it was wrong because an observation of 48 was wrongly taken as 23. What will be the correct mean ?
    (a) 35.2
    (b) 35.9
    (c) 36.5
    (d) 36.8

45. Which of the following is/are statistical statement(s) ? Select the correct answer from the codes given below :
    I. Kalidas was a great poet.
    II. The average age of the students in a college is 20 years.
    Codes :
    (a) I only
    (b) II only
    (c) Both I and II
    (d) Neither I nor II

46. If K = $^{52}C_3$, what is the probability of drawing three aces from a pack of cards ?
    (a) 4/K
    (b) 52/K
    (c) 3/K
    (d) None of the above

47. If $x^9 + \ldots + 2x^3 + x + 1$ is divided by $x + 2$, the remainder will be
    (a) 260
    (b) 265
    (c) 260
    (d) None of the above

48. Consider the following Venn diagram drawn after conducting a survey of 50 persons, most of whom read one or more newspapers :

News paper III

In a population of 10,000 persons, how many can be expected to be reading at least two newspapers ?

(a) 5,000   (b) 5,400
(c) 6,000   (d) 6,250

49. If x boys and y girls sit in a row randomly, in how many ways can all the girls sit together ?

(a) $(x+1)!\,y!$
(b) $x!\,y!$
(c) $x!\,(y-1)!$
(d) None of the above

50. What will be the square root of $(272^2 - 128^2)$?

(a) 144   (b) 200
(c) 240   (d) 260

51. If a person travels three equal distances at a speed of x kms/hr, y kms/hr and z kms/hr respectively, the average speed for the whole journey is

(a) $\dfrac{3xyz}{xy+yz+xz}$

(b) $\dfrac{xyz}{xy+yz+xz}$

(c) $\dfrac{3}{x+y+z}$

(d) $\dfrac{x+y+z}{3}$

52. Which of the following statements is correct about a Cumulative Frequency Table ?

(a) It can only be a "Less than" table.
(b) It can only be a "More than" table.
(c) It can be both "Less than" table as well as "More than" table.
(d) It is neither a "Less than" table nor a "More than" table.

53. What will be the value of $\log_5\{\log_5 25 + \log_5 125\}$?

(a) 2
(b) 1
(c) 5
(d) None of the above

54. Three years ago, the average age of X and Y was 18 years. With Z joining them, this average age became 22 years. What was the age of 'Z' ?

(a) 30 years   (b) 26 years
(c) 29 years   (d) 29½ years

55. A car covers a distance of 150 kms at an average speed of 50 km/hour, but returns at an average speed of 30 km/hour. What has been its average speed for the whole journey ?

(a) 35.5 km/hour
(b) 36 km/hour
(c) 37.5 km/hour
(d) 39 km/hour

56. A man bought some rice at the rate of ₹ 15/kg and some other quantity at the rate of ₹ 24/kg. He mixed them and sold at the rate of ₹ 21.60/kg gaining a profit of 20%. What was the respective ratio of the two varieties ?

(a) 1 : 2   (b) 2 : 1
(c) 3 : 2   (d) 2 : 3

57. Mean deviation is minimum with respect to

(a) Mean   (b) Mode
(c) Median   (d) Range

58. Consider the following and select the correct answer from the code given below :

    Assertion (A) : The Union Finance Commission does not have any role in considering measures for giving financial assistance to local bodies.

    Reason (R) : In spite of the 73rd and 74th Constitutional Amendments, local government continues to be a state subject in the Seventh Schedule of the Constitution.

    Codes :
    (a) Both (A) and (R) are true and (R) is the correct explanation of (A).
    (b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
    (c) (A) is true, but (R) is false.
    (d) (A) is false, but (R) is true.

59. Which one of the following expenditure is not charged on the Consolidated Fund of India ?
    (a) Salary and allowances of the Chief Justice of India
    (b) Salary and allowances of the Comptroller and Auditor-General of India.
    (c) Salary and allowances of the Prime Minister of India.
    (d) Salary and allowances of the Chairman of the Union Public Service Commission.

60. The President of India is elected by
    (a) Rajya Sabha members only
    (b) Lok Sabha members only
    (c) Members of the State Assemblies and Lok Sabha only
    (d) The elected members of the Rajya Sabha, Lok Sabha and Legislative Assemblies of the States.

61. Which one of the following statements is correct ?
    (a) A Money Bill is introduced in the Rajya Sabha.
    (b) A Money Bill can be introduced in either of the two Houses of the Parliament.
    (c) A Money Bill cannot be introduced in the Lok Sabha.
    (d) A Money Bill is introduced in the Lok Sabha.

62. Which one of the following statements about Rajya Sabha is correct ?
    (a) It is not subject to dissolution.
    (b) Its members are chosen by direct election from territorial constituencies in the States.
    (c) It is required to choose, as soon as may be, a member of the Rajya Sabha to be the Chairman thereof
    (d) The Attorney General of India does not have the right to speak in Rajya Sabha.

63. Indian Parliament consists of
    (a) Lok Sabha and Rajya Sabha
    (b) Lok Sabha, Rajya Sabha and Prime Minister
    (c) Speaker and Lok Sabha
    (d) President and both the Houses of Parliament

64. Which one of the following articles of the Constitution dealing with the Fundamental Rights is directly related to the exploitation of children ?
    (a) 17   (b) 19
    (c) 24   (d) 25

65. India has borrowed the concept of concurrent list from the Constitution of
    (a) U.S.A.   (b) Switzerland
    (c) Australia   (d) U.S.S.R.

66. Which one of the following is not a feature of Indian polity ?
    (a) A Government following the Constitution
    (b) Democratic Government
    (c) Rule of Law
    (d) Authoritarian Government

67. Which one of the following Acts led to the separation of Burma from India ?
    (a) The Indian Councils Act, 1909
    (b) Government of India Act, 1919
    (c) Government of India Act, 1935
    (d) Indian Independence Act, 1947

68. Which one of the following statements is not correct regarding the power of the Parliament to legislate with respect to a matter in the State list ?
    (a) The Rajya Sabha has to declare that it would be necessary in the national interest
    (b) A resolution has to be passed by Rajya Sabha by not less than two-thirds of the members present and voting.
    (c) The legislation could be for the whole or any part of the country
    (d) Only the Rajya Sabha can make laws with respect to a matter in the State list in the national interest.

69. Which one of the following is not correct in the matter of formation of new States ?
    (a) Parliament may by law form a new State.
    (b) Such law shall contain provisions for the amendment of the First Schedule and the Fourth Schedule of the Constitution.
    (c) Such law shall be deemed to be an amendment of the Constitution for the purposes of article 368.
    (d) No Bill for enacting such law shall be introduced in the Parliament unless it has been referred to the legislature of the State, whose area, boundaries or name is affected.

70. Which one of the following is correct with regard to the power to review any judgement pronounced or order made by the Supreme Court of India ?
    (a) The President of India has the power to review such a judgement or order.
    (b) The Supreme Court has the power to review its own judgement or order.
    (c) The Cabinet has the power to review such a judgement or order with the permission of the President of India.
    (d) The Supreme Court does not have the power to review its own judgement or order.

71. Which one of the following is not correct with regard to the elections to the Lok Sabha ?
    (a) The elections are on the basis of adult suffrage
    (b) The Election Commission is required to conduct the elections.
    (c) The electoral rolls are prepared under the direction and control of the President of India.
    (d) On the request of the Election Commission, the President is required to make available to the Election Commission such staff as may be necessary for the discharge of its functions.

72. Who amongst the following has the power to withhold assent to a Bill, after it has been passed by the two Houses of Parliament ?
    (a) The President
    (b) The Prime Minister
    (c) The Speaker of the Lok Sabha
    (d) The Chairman of the Rajya Sabha

73. Consider the following statements and select the correct answer from the code given below :

   1. The executive power of the Union vests in the Prime Minister.
   2. The Prime Minister is appointed by the President.
   3. The Prime Minster is the head of the Council of Ministers.
   4. The Prime Minister, at the time of his appointment, need not be a member of either House of Parliament.

   Codes :
   (a) Only 1, 2 and 4 are correct.
   (b) Only 1, 2 and 3 are correct.
   (c) Only 2, 3 and 4 are correct.
   (d) Only 1, 3 and 4 are correct.

74. The ex-officio Chairman of the Rajya Sabha is
   (a) The Vice-President
   (b) The President
   (c) The Prime Minister
   (d) The Speaker

75. Fundamental Duties of the citizens of India are enumerated in
   (a) Part I of the Constitution
   (b) Part II of the Constitution
   (c) Part III of the Constitution
   (d) Part IV A of the Constitution

76. Who amongst the following attends the Meetings of the Public Accounts Committee of the Parliament ?
   (a) Attorney General of India
   (b) Solicitor General of India
   (c) Comptroller and Auditor-General of India
   (d) None of the above

77. Match List – I with List – II and select the correct answer from the code given below the lists :

List – I (Political Party)		List – II (Year of Formation)
A.	CPI	1. 1972
B.	CPM	2. 1920
C.	AIADMK	3. 1964
D.	Telugu Desam	4. 1982

   Codes :
	A	B	C	D
(a)	2	3	1	4
(b)	3	2	4	1
(c)	1	2	3	4
(d)	4	1	3	2

78. Article 371 of the Constitution makes special provisions of which of the following States ?
   (a) Jammu & Kashmir
   (b) Maharashtra and Gujarat
   (c) Nagaland
   (d) Andhra Pradesh

79. When did the Indian Constituent Assembly meet for the first time ?
   (a) 26 January, 1950
   (b) 15 August, 1947
   (c) 9 December, 1946
   (d) 19 November, 1949

80. Which one of the following terms does not appear in the Constitution of India ?
   (a) Annual Financial Statement
   (b) Appropriation Bill
   (c) Budget
   (d) Consolidated Fund of India

81. The principles for election to the State Legislatures include :
    1. It will be on the basis of adult suffrage.
    2. There will be only one electoral roll for every territorial constituency.
    3. Religion, race, sex etc will have no place in the formation of electoral roll.
    4. The Political parties will be free to have their own norms.
    Select the correct answer from the given code :
    Codes :
    (a) 1, 3 and 4   (b) 2, 3 and 4
    (c) 1, 2 and 3   (d) All the four

82. Which one of the following is in List – III concurrent List of the Seventh Schedule of the Constitution of India ?
    (a) Criminal Procedure
    (b) Police
    (c) Prisons
    (d) Public Order

83. Who amongst the following had never been the Chief Minister of any State before becoming the Prime Minister of India ?
    (a) H.D. Deve Gowda
    (b) P.V. Narsimha Rao
    (c) Chandra Shekhar
    (d) Morarji Desai

84. The country from where the concept of Public-Interest Litigation originated is
    (a) Australia   (b) India
    (c) U.S.A.   (d) U.K.

85. Who amongst the following advised that the Indian National Congress should be disbanded as a political party after the independence of India ?
    (a) C. Rajagopalachari
    (b) Jai Prakash Narayan
    (c) Acharya Kripalani
    (d) Mahatma Gandhi

86. Which of the following States does not have any Panchayati Raj Institution ?
    (a) Assam   (b) Kerala
    (c) Nagaland   (d) Tripura

87. Match List – I with List – II and select the correct answer from the code given below the lists :

List – I (Article of the Constitution of India)	List – II (Subject Matter)
A. 54	1. Appointment of a Chief Minister
B. 75	2. Appointment of a Governor
C. 155	3. Appointment of the Prime Minister
D. 164	4. Election of the President

    Codes :

	A	B	C	D
(a)	1	2	3	4
(b)	4	3	2	1
(c)	2	1	3	4
(d)	1	2	4	3

88. The National Rural Health Mission aims to reduce infant Mortality Rate to
    (a) 30 per 1000 live births by 2012
    (b) 30 per 1000 live births by 2014
    (c) 35 per 1000 live births by 2012
    (d) 35 per 1000 live births by 2014

89. Which of the following is not a Kharif Crop ?
    (a) Arhar (Tur)   (b) Gram
    (c) Maize   (d) Paddy

90. The number of public sector banks in India (excluding State Bank of India Group) is presently
    (a) 28   (b) 27
    (c) 20   (d) 19

91. In the Union Budget for 2011-12, which one of the following sectors has been allocated largest outlay ?
    (a) Rural Development
    (b) Social Services (excluding Rural Housing)
    (c) Energy
    (d) Transport

92. On which date was the new Wholesale Price Index with 2004-05 as the base year released ?
    (a) 14 September, 2010
    (b) 2 October, 2010
    (c) 1 January, 2011
    (d) 1 April, 2011

93. The sex-ratio of child population (0-6 years) in India since 1961 has been
    (a) continuously decreasing
    (b) continuously increasing
    (c) almost constant
    (d) initially increasing and later decreasing

94. RESIDEX, an index of residential prices in India, was launched in the year
    (a) 2001   (b) 2004
    (c) 2007   (d) 2008

95. As on March 31, 2011, which one of the following States had the largest number of registered factories ?
    (a) Andhra Pradesh
    (b) Gujarat
    (c) Maharashtra
    (d) Tamil Nadu

96. Which one of the following villages is the first Adhargaon under UID scheme ?
    (a) Belha (Pratapgarh, U.P.)
    (b) Jhanjar (Ajmer, Rajasthan)
    (c) Shaukatpur (Patna, Bihar)
    (d) Thembali (Nandurbar, Maharashtra)

97. Which of the following gives the correct sequence of the sex-ratio (2011) in decreasing order ?
    (a) India, China, Pakistan, Bangladesh
    (b) Bangladesh, India, Pakistan, China
    (c) China, Pakistan, Bangladesh, India
    (d) Bangladesh, Pakistan, India, China

98. KG-D6 Basin, which was seen in the news since April, 2009, has large reserves of
    (a) Coal   (b) Crude oil
    (c) Gas   (d) Uranium

99. The correct full form of PVR cinemas is
    (a) Priya Village Road Show
    (b) Priyam Videos & Reviews
    (c) Parvati Videos & Reviews
    (d) Priyam Village & Road Show

100. In which State, India's largest Naphtha Cracker Plant was inaugurated by Union Petroleum Minister in February 2011 ?
    (a) A.P.   (b) Haryana
    (c) Karnataka   (d) Orissa

101. As per latest Educational Development Index, released in February 2011, which are the four States at the top ?
    (a) Kerala, Delhi, Haryana, Punjab
    (b) Kerala, Delhi, Bihar, U.P.
    (c) Kerala, Tamil Nadu, Delhi, Haryana
    (d) Kerala, Tamil Nadu, Punjab, Delhi

102. Which one of the following has been assigned the highest weightage by the Thirteenth Finance Commission of India while recommending devolution of Union taxes amongst States ?
    (a) Area
    (b) Fiscal Discipline
    (c) Population
    (d) Fiscal Capacity Distance

103. Which of the following reveal infrastructure areas is not covered in the Bharat Nirman Scheme of Central Government ?
    (a) Irrigation
    (b) Water supply
    (c) Sanitation
    (d) Housing

104. As per data released by Government of India in March 2011, the per capita income of Indians rose by 14.5% in 2009-10. What is the per capita income figure (to nearest hundred) ?
    (a) ₹ 40,600   (b) ₹ 42,300
    (c) ₹ 46,500   (d) ₹ 47,000

105. According to the announcement by Government of India in March, 2011, which State / U.T. recorded the highest per capita income during 2009-10 ?
    (a) Chandigarh
    (b) Delhi
    (c) Goa
    (d) Maharashtra

106. Which one of the following items has not been granted protection under the Geographical-Indications Act, 1998 ?
    (a) Lucknow Chikan Craft
    (b) Banarasi Sarees
    (c) Darjeeling Tea
    (d) Surkha Guava of Allahabad

107. Which of the following States has the largest reserve of copper ore ?
    (a) Bihar   (b) Jharkhand
    (c) Karnataka   (d) Rajasthan

108. Investment limit for micro-enterprises, provided for in the Act passed in 2006 is
    (a) ₹ 10 lakhs
    (b) ₹ 5 lakhs
    (c) ₹ 2 lakhs
    (d) None of the above

109. Consider the following statements and select the correct answer from the code given below the statements :
    Assertion (A) : Zero-Base Budget has been introduced in India.
    Reason (R) : Zero-Base Budget technique involves a critical review of every scheme before a budgetary provision is made.
    Codes :
    (a) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
    (b) Both (A) and (R) are true and (R) is the correct explanation of (A).
    (c) (A) is true, but (R) is false.
    (d) (A) is false, but (R) is true.

110. Poverty in India 5 years ago was stated to be 37.2 percent. According to data released by the Planning Commission in April 2011 poverty in India in 2009-10 has declined to
    (a) 30%   (b) 31%
    (c) 32%   (d) 34%

111. Which one of the following statements is not correct ?
    (a) RBI is the Central Bank of the country.
    (b) RBI is the banker of the Central and the State Governments.
    (c) RBI is the custodian of the country's Foreign Exchange Reserve.
    (d) RBI was established in 1949.

112. Paper currency was first started in India in
    (a) 1862   (b) 1542
    (c) 1601   (d) 1880

113. Which one of the following items is not included in the Current Account of Balance of Payments in India ?
    (a) Exports
    (b) Imports
    (c) Income from non-factor services
    (d) Net non-resident deposits

114. Kundankulam Nuclear Power Plant is being established in
    (a) Tamil Nadu
    (b) Kerala
    (c) Andhra Pradesh
    (d) Karnataka

115. Which one of the following is not an objective of Monetary Policy ?
    (a) Price Stability
    (b) Economic Stability
    (c) Equitable distribution of Income and Assets
    (d) Foreign Exchange Rate Stability

116. The first export processing zone of Asia was set up in 1965 in
   (a) Al Hilali   (b) Kandla
   (c) Noida   (d) Singapore

117. Which one of the following States/ Union Territories has the least number of females per 1000 males as per provisional figures of Census 2011 ?
   (a) Daman and Diu
   (b) Dadar and Nagar Haveli
   (c) Puducherry
   (d) Haryana

118. Which one of the following is used as a moderator in a nuclear reactor ?
   (a) Thorium
   (b) Heavy water
   (c) Radium
   (d) Ordinary water

119. Azolla is often used as biofertilizer, because it is associated with
   (a) Blue Green Algae
   (b) Red Algae
   (c) Fungus
   (d) Moss

120. Which of the following is used as laughing gas ?
   (a) Nitrous Oxide
   (b) Nitrogen Dioxide
   (c) Nitrogen Trioxide
   (d) Nitrogen Tetraoxide

121. Diseases of which of the following pairs are caused by virus ?
   (a) Malaria and Polio
   (b) Polio and Bird Flu
   (c) Polio and Tuberculosis
   (d) Tuberculosis and Influenza

122. Nepenthes Khasiana, a rare and endangered plant is found in
   (a) Himachal Pradesh
   (b) Madhya Pradesh
   (c) Meghalaya
   (d) Uttar Pradesh

123. Opium is obtained from which part of the poppy plant ?
   (a) Flower
   (b) Leaves
   (c) Unripe Fruits
   (d) Roots

124. Which of the following chemicals is used for fruit ripening ?
   (a) Sodium Chloride
   (b) Calcium Carbide
   (c) Potassium Chloride
   (d) None of the above

125. Amongst the following flying organisms, which one does not belong to the group, Aves ?
   (a) Bat
   (b) Crow
   (c) Eagle
   (d) Parrot

126. Which one of the following spices is a floral bud ?
   (a) Cumin
   (b) Clove
   (c) Pepper
   (d) Turmeric

127. Which one of the following is an air pollutant gas and is released by burning of fossil fuel ?
   (a) Hydrogen
   (b) Nitrogen
   (c) Oxygen
   (d) Sulphur Dioxide

128. In the following pairs of plants and their edible parts, which pair is not correctly matched ?
   (a) Ginger   – Rhizome
   (b) Onion   – Fleshy Leaves
   (c) Potato   – Roots
   (d) Coconut – Endosperm

129. Which of the following are required for the formation of bones and teeth ?
    (a) Sodium and Potassium
    (b) Iron and Calcium
    (c) Sodium and Calcium
    (d) Calcium and Phosphorus

130. Which one of the following is not a plant hormone ?
    (a) Cytokinin   (b) Ethylene
    (c) Insulin   (d) gibberellin

131. One micron represents a length of
    (a) 10^{-6} cm   (b) 10^{-4} cm
    (c) 1 mm   (d) 1 m

132. The Earth's magnetic field is due to
    (a) currents circulating inside the core
    (b) presence of a huge magnet at its centre
    (c) moving charges outside in space
    (d) None of the above

133. CT Scan is done by using
    (a) Infra-red Rays
    (b) Ultrasonic Waves
    (c) Visible Light
    (d) X-Rays

134. Which of the following is used for correcting myopic eyes ?
    (a) Concave Lens
    (b) Convex Lens
    (c) Cylindrical Lens
    (d) None of the above

135. The sky appears blue due to
    (a) Diffraction of light
    (b) Reflection of light
    (c) Refraction of light
    (d) Scattering of light

136. Which of the following is the purpose for which a transformer is used ?
    (a) To convert a.c. into d.c.
    (b) To convert d.c. into a.c.
    (c) To step-up or step-down a.c. voltage
    (d) To step-up d.c. voltage

137. Match List – I with List – II and select the correct answer from the codes given below the lists :

List – I (Molecules)	List – II (Metal Present)
A. Vitamin B-12	1. Magnesium
B. Haemoglobin	2. Cobalt
C. Chlorophyll	3. Copper
D. Chalcopyrite	4. Iron

Codes :

	A	B	C	D
(a)	2	4	1	3
(b)	2	1	3	4
(c)	4	1	2	3
(d)	3	4	2	1

138. Decibel unit is used to measure
    (a) Light intensity
    (b) Sound intensity
    (c) Magnitude of Earthquake
    (d) None of the above

139. The tail of a comet always points
    (a) Away from the Sun
    (b) Towards the Sun
    (c) Towards North-East
    (d) Towards South-East

140. "Blue tooth" technology allows
    (a) Signal transmission on mobile phones only
    (b) Landline phone to mobile phone communication
    (c) Satellite television communication
    (d) Wireless communication between equipments

141. What is the name given to the ICBM developed by India with a strike range of more than 2000 km ?
    (a) Prithvi   (b) Trishul
    (c) Akash   (d) Agni II

142. What does an air conditioner installed in a room control ?
    (a) Temperature only
    (b) Humidity and temperature only
    (c) Pressure and temperature only
    (d) Humidity, pressure and temperature

143. Which of the following has the highest share in power generation in India ?
    (a) Nuclear power
    (b) Hydro power
    (c) Thermal power
    (d) All the above have equal share

144. Why is red light used as a danger signal ?
    (a) Because it is scattered the least
    (b) Because it is comfortable for eyes
    (c) Because it produces the least chemical reaction
    (d) Because it is absorbed the least in the air

145. The minimum height of a plane mirror to see the full image of a person is equal to
    (a) the height of the person
    (b) half the height of the person
    (c) one-fourth the height of the person
    (d) double the height of the person

146. Which of the following pairs is not properly matched ?
    (a) The largest planet of the Solar System – Jupiter
    (b) The smallest planet of the Solar System – Mercury
    (c) The brightest planet of the Solar System – Venus
    (d) The slowest moving planet of the Solar System – Mars

147. The liver disease Hepatitis-B is caused by
    (a) DNA Virus
    (b) RNA Virus
    (c) Bacterium
    (d) Platyhelminth

148. In a group of 26 persons, 8 take tea but not coffee and 16 take tea. The number of persons who take coffee but not tea is
    (a) 24   (b) 20
    (c) 18   (d) 10

149. In the series 6, 11, 21, A, 81, the value of A is
    (a) 27   (b) 41
    (c) 51   (d) 49

150. A rectangular sheet of Aluminium foil measuring 5 cms by 10 cms is rolled into a cylinder of height 10 cms. If the cost of painting the cylinder is ₹ 2 per square cm, then the cost of painting the outer surface of the cylinder will be
    (a) ₹ 100   (b) ₹ 150
    (c) ₹ 200   (d) ₹ 400