

PART : A (I)
GENERAL INTELLIGENCE

1. In a joint family there are father, mother, 3 married sons and one unmarried daughter. Of the sons, 2 have 2 daughters each and one has a son. How many female members are there in the family?
(a) 2 (b) 3 (c) 6 (d) 9

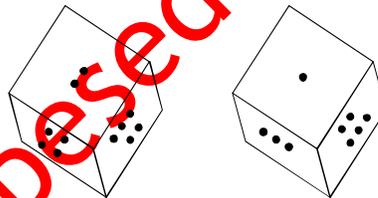
2. While the group photo of a family was taken, the father was found to be sitting to the left of the son and right to the grandfather. Mother was sitting to the right of her daughter but left to grandfather. Who is occupying the central place?
(a) Son (b) Grandfather (c) Father (d) Mother

3. (I) F is the brother of A.
(II) C is the daughter of A.
(III) K is the sister of F.
(IV) G is the brother of C?

Who is the uncle of G?

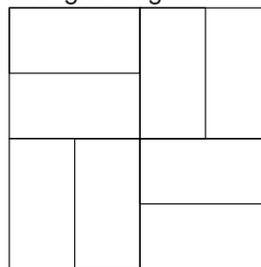
- (a) A (b) C (c) K (d) F

4. Study the two different positions of a cube given below with dots from 1 to 6 marked on its faces. Find out how many dots are contained on the face opposite to that containing 4 dots.



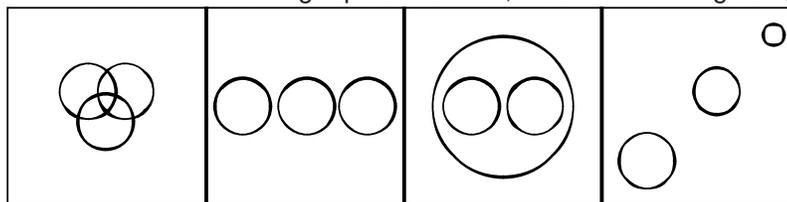
- (a) 1 (b) 2 (c) 3 (d) 5

5. How many rectangles are there in the given figure?



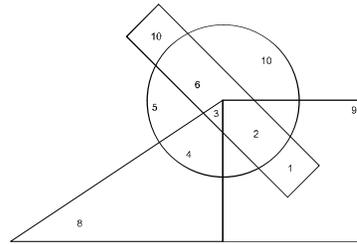
- (a) 24 (b) 16 (c) 22 (d) 14

6. Which one of the following represents men, rodents and living beings?



- (a) (b) (c) (d)

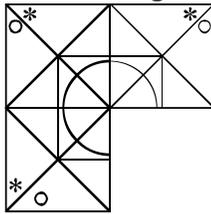
7. In the following figure, the boys who are athletic and are disciplined are indicated by which number?



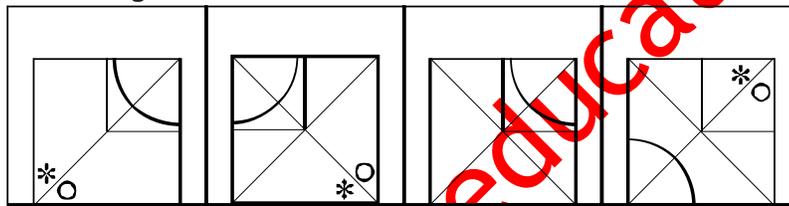
- (a) 1 (b) 2 (c) 6 (d) 10

8. Which one of the answer figures shall complete the given question figure?

Question Figure



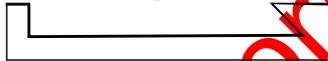
Answer Figures



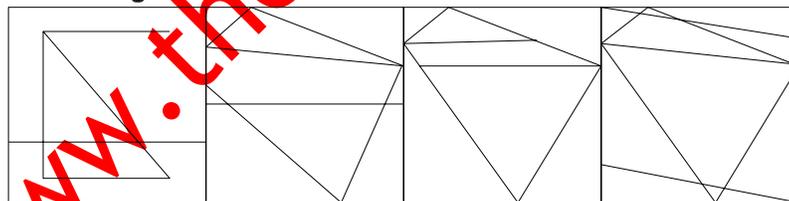
- (a) (b) (c) (d)

9. In which answer figure is the question figure embedded?

Question Figure



Answer Figures



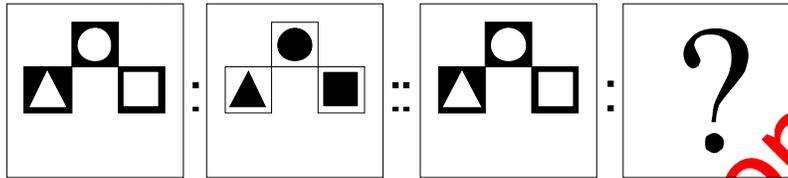
- (a) (b) (c) (d)

Directions (10 to 19): Select the related letters/word/number/figure from the given alternatives?

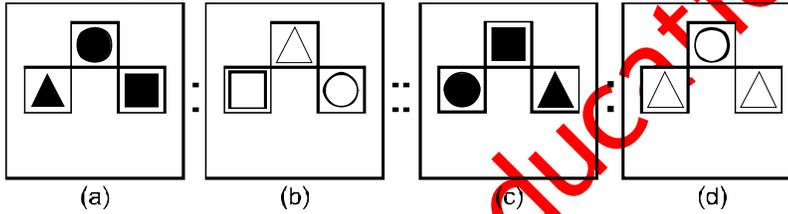
10. Safe : Secure :: Protect : ?
 (a) guard (b) lock (c) sure (d) conserve
11. Physician : Treatment :: Judge : ?
 (a) Punishment (b) Judgement (c) Lawyer (d) Court
12. MASTER : OCUVGT :: LABOUR : ?
 (a) NCDQWT (b) NDERWT (c) NBCRWT (d) NEDRWT

13. ABCD : WXYZ :: EFGH : ?
 (a) STUV (b) ZYXW (c) VUTS (d) WXYZ
14. ACEG : IKMO :: QSUW : ?
 (a) YZCE (b) YACD (c) YBCE (d) YACE
15. 16 : 56 :: 32 : ?
 (a) 96 (b) 112 (c) 120 (d) 128
16. M x N : 13 x 14 :: F x R : ?
 (a) 14 x 15 (b) 5 x 17 (c) 6 x 18 (d) 7 x 19

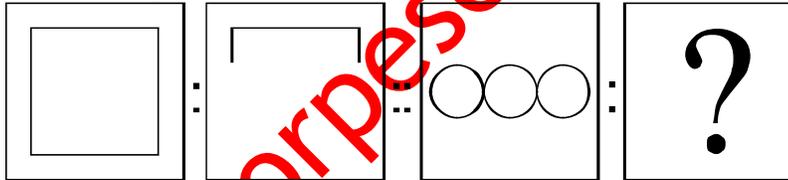
17. **Question Figures**



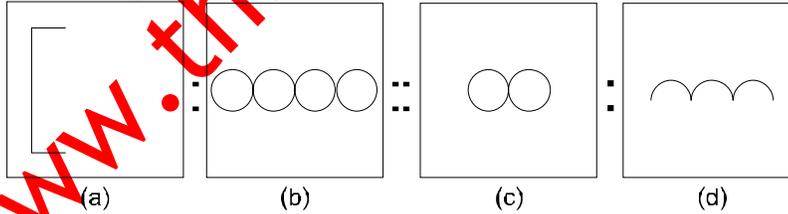
Answer Figures



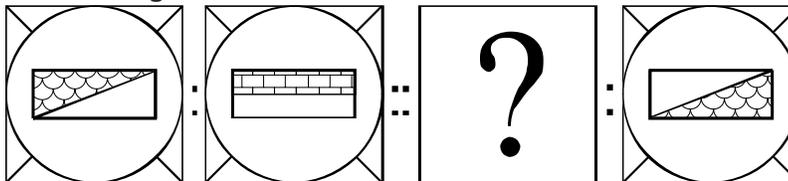
18. **Question Figures**



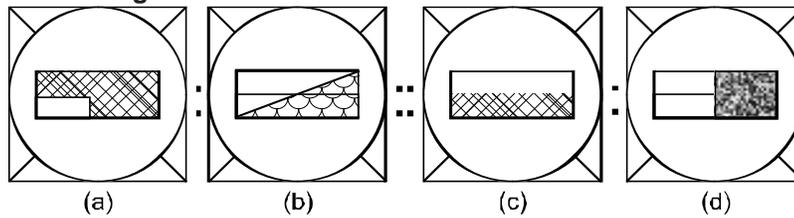
Answer Figures



19. **Question Figures**

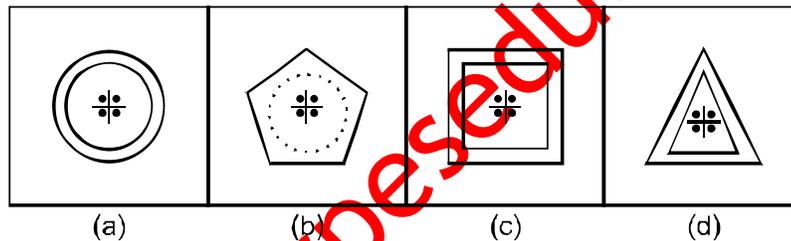


Answer Figures

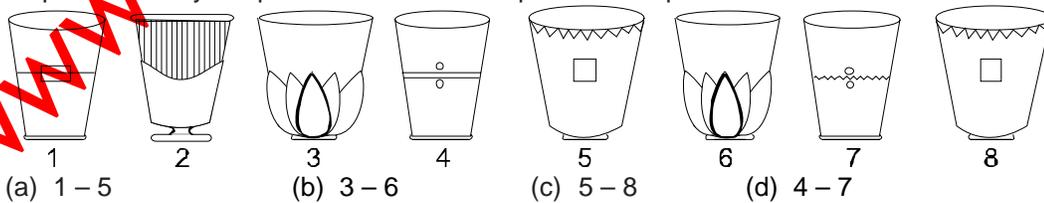


Directions (20 to 26): Find the odd word/letters/numbers/figure from the given responses.

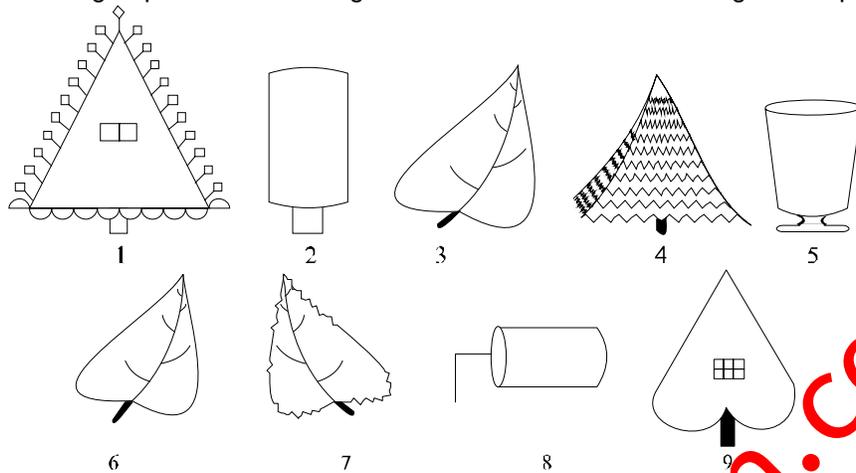
20. (a) Analysis (b) Search (c) Conclusion (d) Investigation
21. (a) Reward : Punishment (b) Object : Permit
(c) Sharp : Blunt (d) Cold : Cool
22. (a) DCFG (b) FEHI (c) HGIK (d) JILM
23. (a) ZVRN (b) UQMJ (c) SOKG (d) TPLH
24. (a) 27 (b) 64 (c) 125 (d) 144
25. (a) 52, 68 (b) 63, 77 (c) 64, 80 (d) 50, 66
- 26.



27. Find out a set of numbers amongst the four sets of numbers given in the alternatives which is most like the set given in the question. (32, 24, 8),
(a) (42, 34, 16) (b) (24, 16, 0) (c) (34, 24, 14) (d) (26, 32, 42)
28. Four pairs of flower pots are given below. Among them only one pair is similar in all respects. Identify the pair numbers which represent that pair.



Direction (29): In question no. 20, a series of figures are given which can be grouped into classes. Select the group into which the figures can be classified from the given responses.

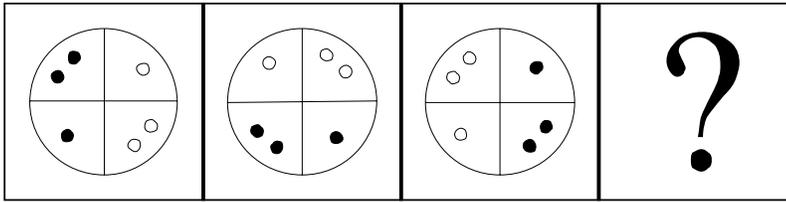


29. (a) 1, 4, 9 ; 2, 5, 8 ; 3, 6, 7 (b) 2, 5, 8 ; 1, 4, 6 ; 3, 7, 9
 (c) 3, 6, 7 ; 2, 5, 8 ; 1, 2, 9 (d) 2, 5, 8 ; 3, 6, 9 ; 4, 6, 7
30. Which one of the given responses would be a meaningful order of the following?
 1. Adult 2. Child 3. Infant
 4. Boy 5. Adolescent
 (a) 1, 3, 4, 5, 2 (b) 3, 2, 4, 5, 1 (c) 2, 3, 5, 4, 1 (d) 2, 3, 4, 1, 5
31. Which one of the given responses would be a meaningful order of the following words?
 1. Wall 2. Clay 3. House
 4. Room 5. Bricks
 (a) 5, 2, 1, 4, 3 (b) 2, 5, 4, 1, 3 (c) 2, 5, 1, 4, 3 (d) 1, 2, 3, 4, 5
32. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
 a b - - b a a - - a b -
 (a) b a a b b (b) a a b a b (c) a a b a a (d) a a a a a

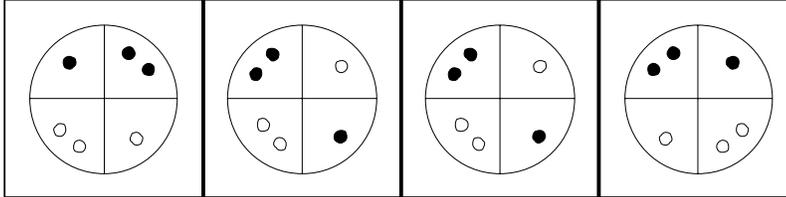
Directions (33 to 39): Find the missing number/letters/figure from the given responses.

33. BMO, EQQ, HQS, ___?___
 (a) SOW (b) LMN (c) KSU (d) SOV
34. 5, 9, 13, 17, ___?___, 25
 (a) 27 (b) 23 (c) 21 (d) 19
35. 5, 2, 7, 9, 16, 25, ___?___
 (a) 41 (b) 52 (c) 48 (d) 45
36. 4117, 5138, 6159, 7125, ___?___
 (a) 7138 (b) 7659 (c) 8115 (d) 8179

37. Question Figures



Answer Figures



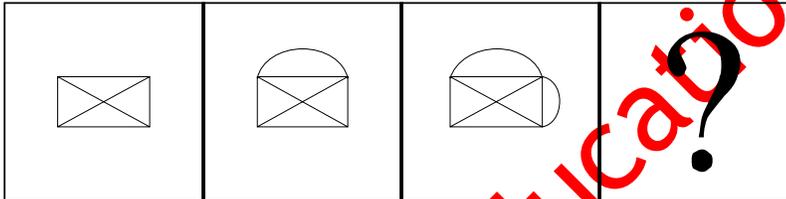
(a)

(b)

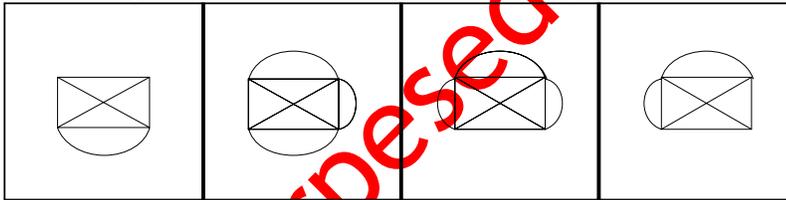
(c)

(d)

38. Question Figures



Answer Figures



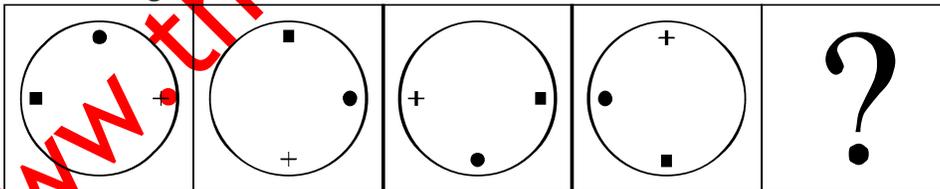
(a)

(b)

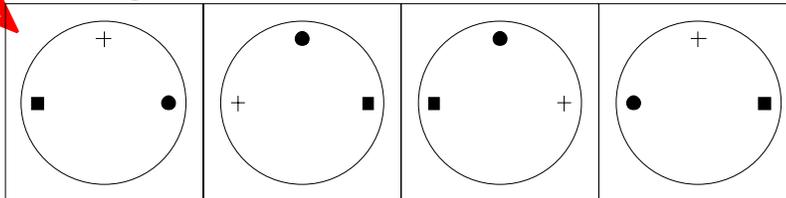
(c)

(d)

39. Question Figures



Answer Figures



(a)

(b)

(c)

(d)

Direction (40): In the following question you have to identify the correct response from the given premises stated according to following symbols?

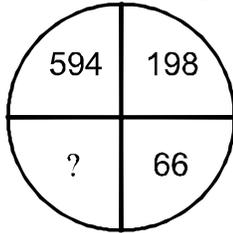
40. if $> = \div, \vee = \times, , = +, \wedge = -, + = =, \times = <, - = >$
 (a) $6 < 2 > 3 \wedge 8 \vee 4 + 13$ (b) $6 \wedge 2 < 3 > 8 < 4 - 13$
 (c) $6 \vee 2 < 3 \wedge 8 > 4 \times 13$ (d) $6 > 2 \vee 3 < 8 \wedge 4 + 13$

41. Find the missing number from the given responses.

6	15	20
8	4	5
3	5	20
51	65	?

- (a) 56 (b) 120 (c) 51 (d) 12

42. Insert the missing number.



- (a) 22 (b) 33 (c) 11 (d) 12

43. If the letters in PRABA are coded as 27595 and THILAK are coded as 368451, how can BHARATI be coded?

- (a) 9657538 (b) 9867538 (c) 9675538 (d) 9567568

44. If in a code language PARENT is written as BDFGJK and CHILDREN is written as MOXQUFGJ, how is REPRINT written in that code?

- (a) FGBFXGD (b) BGBFXJK (c) FGBUXJK (d) FGBFXJK

45. A statement followed by two assumptions I & II is given. You have to consider the statement to be true even if they seem at variance from commonly known facts and decide which one of the four given alternatives is correct.

Statement: If people are intelligent they should be creative.

Assumption: I. Creative and intelligence are related.

II. Creative people are intelligence.

- (a) Only I is valid (b) Only II is valid
 (c) Both I and II are valid (d) Both I and II are invalid

46. Two statements are given followed by two conclusions I and II. You have to consider the two statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer.

Statements:

I. Irregularity is a cause for failure in exams.

II. Some regular students fail in the examinations.

Conclusions:

I. All failed students are regular.

II. All successful students are not regular.

- (a) Only I follows (b) Only II follows
 (c) Neither I, nor II follows (d) Both I and II follow

47. Rohan walks a distance of 3 kms towards North, then turns to his left and walks for 2 kms. He again turns left and walks for 3 kms. At this point he turns to his left and walks for 3 kms. How many kms is he from the starting point?
(a) 5 kms (b) 3 kms (c) 2 kms (d) 1 kms
48. A driver left his village and drove north for 20 kms, after which he stopped for breakfast. Then he turned left and drove another 30 kms, when he stopped for lunch. After some rest, he again turned left and drove 20 kms before stopping for evening tea. Once more he turned left and drove 30 kms to reach the town where he had supper. After evening tea in which direction did he drive?
(a) West (b) East (c) North (d) South
49. A word given in Capital Letters is followed by four answer words. Out of these only one can be formed by using the letters of the given word. Find out that word
'SOMNAMBULISM'
(a) NAMES (b) BASAL (c) SOUL (d) BIOME
50. A word given in Capital Letters is followed by four answer words. Out of these only one cannot be formed by using the letters of the given word. Find out that word.
'INTERNATIONAL'
(a) ALONE (b) NOTE (c) LATER (d) RADIO

PART : A (II)
GENERAL AWARENESS

51. Who is author of the book 'Apprenticeship of a Mahatma' on which the film called 'The Making of the Mahatma' is based?
(a) Arundhati Roy (b) Shyam Benegal
(c) Shobha De (d) Fatima Meer
52. The 'break-even point' is where
(a) marginal revenue equals marginal cost
(b) average revenue equals average cost
(c) total revenue equals total cost
(d) none of these
53. South-South dialogue is associated with
(a) Co-operation among developing nations
(b) Arms conference
(c) Summit meeting between developed and developing countries
(d) All of the above
54. How far did the Indian Team reach in the Women's Cricket World Cup Tournament 2005 held in South Africa?
(a) Finals (b) Semifinals (c) Quarter-finals (d) Preliminary round
55. Rate of interest is determined by
(a) The rate of return on the capital invested
(b) Central Government
(c) Liquidity preference
(d) Commercial Banks
56. Which of the following has not been a component of the agricultural strategy that brought about the Green Revolution?
(a) Greater intensity of cropping (b) Guaranteed maximum prices
(c) New agricultural technology (d) Package of inputs

57. Which of the following marks the skin layer impervious to water?
(a) Collagen (b) Melanin (c) Keratin (d) Chitin
58. Generally, the soil of the northern plains of India has been formed by
(a) degradation (b) aggradation (c) weathering in situ (d) erosion
59. Two richest known sources of edible protein are
(a) meat and eggs (b) milk and vegetables
(c) soyabean and groundnut (d) some type of algae and other micro-organisms
60. Which of the following weeds has been found useful to check water pollution caused by industrial effluents?
(a) Parthenium (b) Elephant grass
(c) Water hyacinth (d) Both (a) and (b) above
61. Cloud is a colloidal dispersion of
(a) Air in a dispersion medium of water
(b) Fog in a dispersion medium of water
(c) Mist in a dispersion medium of air
(d) Water drops in a dispersion medium of air
62. The fourth state of matter is known as
(a) Gas (b) Vapour (c) Plasma (d) Electrons
63. Lambert's law is related to
(a) Reflection (b) Refraction (c) Interference (d) Illumination
64. Which of the following laws validates the state that matter can neither be created nor destroyed?
(a) Law of conservation of energy
(b) Le Chatelier's Principle
(c) Law of conservation of mass
(d) Law of osmosis
65. Decibel is the unit used for
(a) Speed of light (b) Intensity of heat
(c) Intensity of sound (d) Radio wave frequency
66. Conversion of chemical energy into electrical energy occurs in
(a) dynamo (b) electric heaters (c) battery (d) atomic bombs
67. Which of the following is the petroleum wax?
(a) Bees wax (b) Carnauba wax (c) Paraffin wax (d) Jojoba wax
68. Which variety of coal contains recognizable traces of the original plant material?
(a) Anthracite (b) Lignite (c) Peat (d) Bitumen
69. Which is the purest form of iron?
(a) Steel (b) Cast iron (c) Pig iron (d) Wrought iron
70. Which of the following metals form an amalgam with other metals?
(a) Lead (b) Tin (c) Zinc (d) Mercury

71. The ideology of fascism developed in
(a) Germany (b) Japan (c) Italy (d) Russia
72. Decisions of the Security Council on procedural matters shall be made by an affirmative votes of _____ members.
(a) Eleven (b) Ten (c) Eight (d) Nine
73. Which Article of the Constitution of India accords special status of the State of Jammu and Kashmir?
(a) 324 (b) 311 (c) 370 (d) 356
74. In order to be recognized as an official opposition Group in the Parliament how many seats should it have?
(a) $1/3^{\text{rd}}$ of the total strength (b) $1/4^{\text{th}}$ of the total strength
(c) $1/6^{\text{th}}$ of the total strength (d) $1/10^{\text{th}}$ of the total strength
75. What does the "Judicial Review" function of the Supreme Court mean?
(a) Review its own judgement
(b) Review the functioning of judiciary in the country
(c) Examine the constitutional validity of the laws
(d) Undertake periodic review of the Constitution
76. The Indian Constitution recognizes minorities on the basis of
(a) Religion
(b) Caste
(c) Percentage of the population of the Group to the total population
(d) Colour
77. Which of the following domesticated animals was absent in the terracottas of the Indus civilization?
(a) Buffalo (b) Sheep (c) Cow (d) Pig
78. Which among the following is the sacred book of the Buddhists?
(a) Upanishad (b) Vedas (c) Tripitaka (d) Jatakas
79. The greatest development in the Kushana period was in the field of
(a) religion (b) art (c) literature (d) architecture
80. Match List-I with List-II and select the correct answer
- | List-I | List-II |
|-------------------|------------------------------|
| A. Lord Clive | 1. Subsidiary Alliance |
| B. Lord Wellesley | 2. Indian Universities Act |
| C. Lord Dalhousie | 3. Doctrine of Lapse |
| D. Lord Curzon | 4. Dual Government in Bengal |
- (a) A-2, B-3, C-4, D-1 (b) A-4, B-1, C-3, D-2
(c) A-4, B-3, C-2, D-1 (d) A-1, B-4, C-2, D-3
81. Mughal presence in the Red Ford ceased with the fall of
(a) Aurangzeb (b) Muhammad Shah
(c) Shah Alam (d) Bahadur Shah 'Zafar'
82. Who was the first known Gupta ruler?
(a) Sri Gupta (b) Chandragupta I
(c) Ghantotkacha (d) Kumaragupta I

83. Which of the following international prizes/awards is given for outstanding contribution in the field of journalism?
(a) Booker Prize (b) Pulitzer Prize
(c) Sakharov Prize (d) Sullivan Award
84. Who is recognized as the Father of Geometry?
(a) Pythagoras (b) Euclid
(c) Johann Kepler (d) Rene Descartes
85. With which of the following fields is Ben Kingsley associated?
(a) Sports (b) Medical Science
(c) Motion Picture (d) Social Service
86. Who form the following leaders was not assassinated?
(a) Mahatma Gandhi (b) Liaqat Ali Khan
(c) Muhammed Ali Jinnah (d) Lord Louis Mountbatten
87. When was colour TV transmission introduced in India?
(a) 1980 (b) 1981 (c) 1982 (d) 1984
88. Who was the founder Director of the TIFR?
(a) S.S.Bhatnagar (b) H.J.Bhabha (c) M.N.Saha (d) Vikram Sarabhai
89. When was ISRO set up?
(a) 1965 (b) 1969 (c) 1971 (d) 1976
90. How many countries have exploded the atom bomb before India?
(a) 5 (b) 6 (c) 4 (d) 3
91. 'Khalsa' was founded by
(a) Guru Gobind Singh (b) Guru Ramdas
(c) Guru Nanak (d) Arjun Dev
92. Which from the following was authored by Mulk Raj Anand?
(a) The Village (b) A Stranger Called I
(c) Dark Room (d) My God Died Young
93. Who is the President of the World Bank?
(a) Paul Wolfowitz (b) James Wolfensohn
(c) Rodrigo De Rato (d) Allen Greenspan
94. Which is not included in the private income arising in a country?
(a) Factor income from net domestic product
(b) Net Factor income from abroad
(c) Current transfers from Government
(d) Current payments on foreign loans
95. Which of the following pairs is incorrect?
(a) Isohytes – Humidity (b) Isobars – Pressure
(c) Isoheis – Sunshine (d) Isotherms – Temperature
96. The term 'Isoneph' indicates the lines of equal
(a) cloudiness (b) salinity (c) rainfall (d) pressure

97. The soil which originate under tall-grass prairie vegetation is called
 (a) Black soils (b) Chestnut soils
 (c) Chernozem soils (d) Terra rosa soils
98. Which one of the following is the highest gravity dam in the world?
 (a) Beas Dam (b) Nangal Dam (c) Bhakra Dam (d) Hirakud Dam
99. Which is the world's largest desert?
 (a) Sahara (b) Gobi (c) Thar (d) Takala Makan
100. 'Climate is extreme, rainfall is scanty, and the people used to be nomadic hoarders'. For which region is this statement correct?
 (a) African Savanna (b) Central Asian Steppes
 (c) Siberian Tundra (d) North American Prairies

Answer Key

- | | | | | | |
|---------|---------|---------|---------|---------|----------|
| 1. (d) | 18. (d) | 35. (a) | 52. (b) | 69. (d) | 86. (c) |
| 2. (b) | 19. (c) | 36. (c) | 53. (a) | 70. (d) | 87. (c) |
| 3. (d) | 20. (c) | 37. (a) | 54. (a) | 71. (c) | 88. (b) |
| 4. (c) | 21. (d) | 38. (b) | 55. (c) | 72. (d) | 89. (b) |
| 5. (b) | 22. (c) | 39. (c) | 56. (b) | 73. (c) | 90. (a) |
| 6. (c) | 23. (b) | 40. (d) | 57. (d) | 74. (d) | 91. (a) |
| 7. (b) | 24. (d) | 41. (b) | 58. (b) | 75. (c) | 92. (a) |
| 8. (b) | 25. (b) | 42. (a) | 59. (c) | 76. (c) | 93. (a) |
| 9. (a) | 26. (b) | 43. (a) | 60. (d) | 77. (a) | 94. (d) |
| 10. (a) | 27. (a) | 44. (d) | 61. (d) | 78. (c) | 95. (a) |
| 11. (b) | 28. (c) | 45. (b) | 62. (c) | 79. (d) | 96. (a) |
| 12. (a) | 29. (a) | 46. (c) | 63. (d) | 80. (b) | 97. (c) |
| 13. (a) | 30. (b) | 47. (d) | 64. (c) | 81. (d) | 98. (c) |
| 14. (d) | 31. (c) | 48. (b) | 65. (c) | 82. (a) | 99. (a) |
| 15. (b) | 32. (c) | 49. (c) | 66. (c) | 83. (b) | 100. (c) |
| 16. (c) | 33. (c) | 50. (d) | 67. (c) | 84. (b) | |
| 17. (a) | 34. (c) | 51. (d) | 68. (c) | 85. (c) | |