



16. In the following question, select the odd number from the given alternatives.

- (a) 7 - 11                      (b) 12 - 16  
(c) 14 - 18                    (d) 9 - 15

**Correct Answer: 9 - 15**

17. In the following question, select the odd number from the given alternatives.

- (a) 2 - 4                        (b) 3 - 9  
(c) 4 - 18                      (d) 5 - 25

**Correct Answer: 4 - 18**

18. In the following question, select the odd number pair from the given alternatives.

- (a) 76 - 42                    (b) 92 - 20  
(c) 73 - 21                    (d) 93 - 27

**Correct Answer: 92 - 20**

19. Arrange the given words in the sequence in which they occur in the dictionary.

1. Flagrant                      2. Flavour  
3. Flatter                       4. Flick  
5. Flawed  
(a) 13254                      (b) 31254  
(c) 23541                      (d) 32541

**Correct Answer: 13254**

20. According to dictionary, which of the following word will come at THIRD position?

1. Heritage                      2. Helpful  
3. Hectic                        4. Heroic  
5. Heroism  
(a) Hectic                      (b) Heritage  
(c) Heroic                      (d) Helpful

**Correct Answer: Heritage**

21. From the given alternatives, according to dictionary, which word will come at LAST position?

- (a) Juvenile                    (b) Justify  
(c) Judge                        (d) Justice

**Correct Answer: Juvenile**

22. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

F, M, T, ?, H, O

- (a) B                              (b) C  
(c) A                              (d) D

**Correct Answer: A**

23. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

ROK, LIE, FCY, ZWS, ?

- (a) LAQ                        (b) SRV  
(c) TQM                        (d) FMQ

**Correct Answer: TQM**

24. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

FAQ, LGW, RMC, ?, DYO

- (a) VIR                        (b) XSI  
(c) LSI                        (d) MIS

**Correct Answer: XSI**

25. In the following question, select the missing number from the given alternatives.

14, 22, 49, 113, 238, ?

- (a) 386                        (b) 532  
(c) 454                        (d) 576

**Correct Answer: 454**

26. In the following question, select the missing number from the given alternatives.

42, 21, 21, 31.5, 63, ?

- (a) 169.75                    (b) 157.5  
(c) 152.5                      (d) 126.75

**Correct Answer: 157.5**

27. In the following question, select the missing number from the given alternatives.

14, 44, 135, 409, 1232, ?

- (a) 2962                      (b) 3340  
(c) 3702                      (d) 3406

**Correct Answer: 3702**

28. E is sitting between D and A, B is to the right of A, C is at one of the ends and C and D are sitting next to each other. Who is sitting third?

- (a) D                            (b) A  
(c) B                            (d) E

**Correct Answer: E**

29. Showing a photograph of a married couple B said that the gentleman in it was his father's father and A said that the lady in it was her mother. How is A related to B?

- (a) A is B's mother's sister  
(b) A is B's sister  
(c) A is B's Father's sister  
(d) A is B's mother

**Correct Answer: A is B's Father's sister**

30. From the given alternative words select the word which cannot be formed using the letters of the given word.

MERCANTILE

- (a) truce  
(b) learn  
(c) trace  
(d) claim

**Correct Answer: truce**

31. If OLYMPUS is coded as MJWKNSQ, then how will TEN be coded as?

- (a) RCL (b) GVM  
(c) SDM (d) UFO

**Correct Answer: RCL**

32. In a certain code language, 1875 means 'wound the round watch', 6143 means 'a cake is round' and 7321 means 'watch a round wheel'. Find the code for 'watch'.

- (a) 1 (b) 8  
(c) 5 (d) 7

**Correct Answer: 7**

33. In a certain code language, '+' represents '-', '-' represents 'x', 'x' represents '÷' and '÷' represents '+'. Find out the answer to the following question.  $96 \times 4 \div 125 + 25 - 5 = ?$

- (a) 23 (b) 24  
(c) 50 (d) 8

**Correct Answer: 24**

34. If  $17 \$ 22 = 4$  and  $56 \$ 13 = 7$ , then find the value of  $71 \$ 25 = ?$

- (a) 56 (b) 96  
(c) 1 (d) 8

**Correct Answer: 1**

35. If  $A \$ B$  means A is son of B,  $A \# B$  means A is brother of B and  $A * B$  means A is father of B, then what does  $X \# Y * Z \$ W$  mean?

- (a) W is X's brother's wife  
(b) W is X's wife  
(c) W is X's mother  
(d) W is X's sister

**Correct Answer: W is X's brother's wife**

36. Select the missing number from the given responses

1	4	2
2	7	10
3	?	12

- (a) 3 (b) 9  
(c) -3 (d) 11

**Correct Answer: 11**

37. Which of the following terms follows the trend of the given list?

OXXXXX, OXOXXX, OXXOXXX, OXXXOXX, OXXXXOX, \_\_\_\_\_.

- (a) XOXXXXO (b) XOXXXOX  
(c) OXXXOXX (d) OXXXXXO

**Correct Answer: OXXXXXO**

38. A scientist is studying the behaviour of an ant. The ant picks food and walks 5 cm North, then it turns to its right and walks for another 11 cm. then it turns right and walks 3 cm, then it turns West and walks 15 cm, then finally it turns to its left and walks 2 cm. Where is the ant now with respect to its starting point?

- (a) 4 cm East  
(b) 26 cm West  
(c) 4 cm West  
(d) 26 cm East

**Correct Answer: 4 cm West**

39. Two football players start running from the same point on the ground. Player A runs 10 km East, then turns to his left and runs 13 km. In the meanwhile Player B runs 6 km South, then he runs 3 km East, then he turns to his left and runs 19 km. Where is Player A with respect to Player B?

- (a) 7 km West (b) 7 km East  
(c) 13 km East (d) 13 km West

**Correct Answer: 7 km East**

40. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

**Statement I:** Some chapters are physics

**Statement II:** All science is physics

**Conclusion I:** All science is chapters

**Conclusion II:** Some physics is science

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

**Correct Answer: Only conclusion II follows**

41. In the question three statements are given, followed by three conclusions, I, II and III. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

**Statement I:** All success is victory

**Statement II:** All luck is success

**Statement III:** Some hard work is luck

**Conclusion I:** Some success is hard work

**Conclusion II:** Some hard work is victory

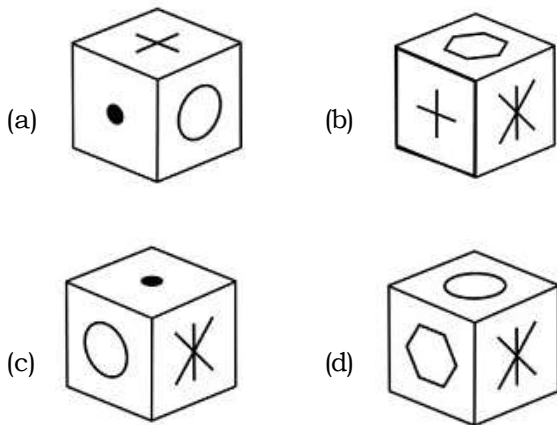
**Conclusion III:** No victory is luck

- (a) Only conclusions I and II follow  
(b) Only conclusions II and III follow

- (c) Only conclusions I and III follow
- (d) All conclusions I, II and III follow

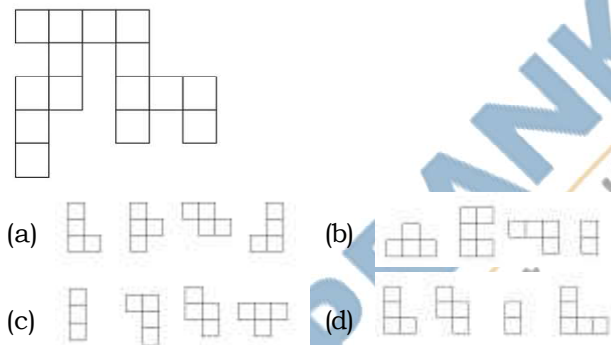
**Correct Answer: Only conclusions I and II follow2**

42. Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?



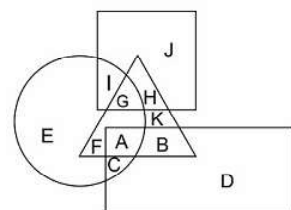
**Correct Answer: (\*)**

43. Which of the following answer figure patterns can be combined to make the question figure?



**Correct Answer: (\*)**

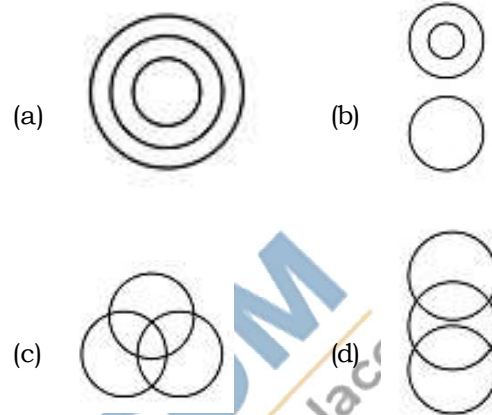
44. In the following figure, square represents Professors, triangle represents Social Workers, circle represents Dieticians and rectangle represents Men. Which set of letters represents Dieticians who are not men?



- (a) EFGI
- (b) BDKHJ
- (c) IGAC
- (d) DEJI

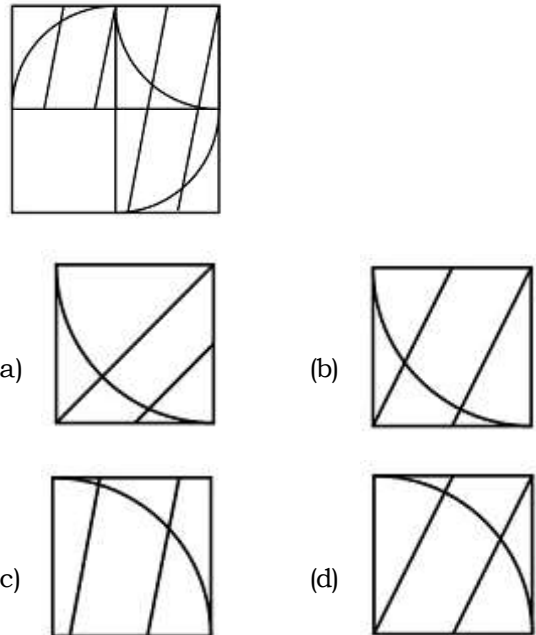
**Correct Answer: 7 km East**

45. Which of the following Venn diagrams represents the relationship between Butterflies, Animals and Insects?



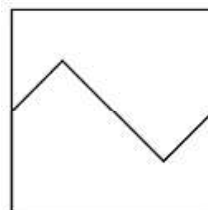
**Correct Answer: (\*)**

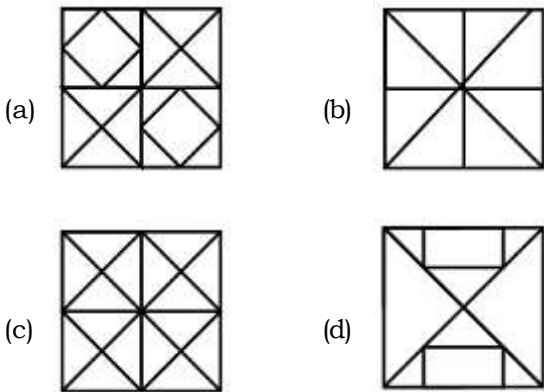
46. Which answer figure will complete the pattern in the question figure?



**Correct Answer: (\*)**

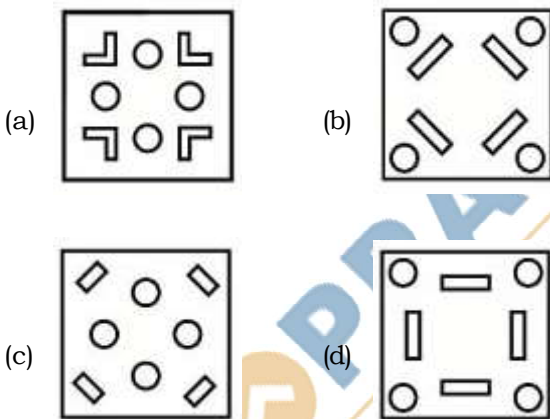
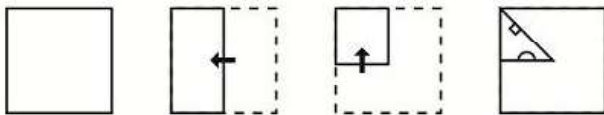
47. From the given answer figures, select the one in which the question figure is hidden/embedded.





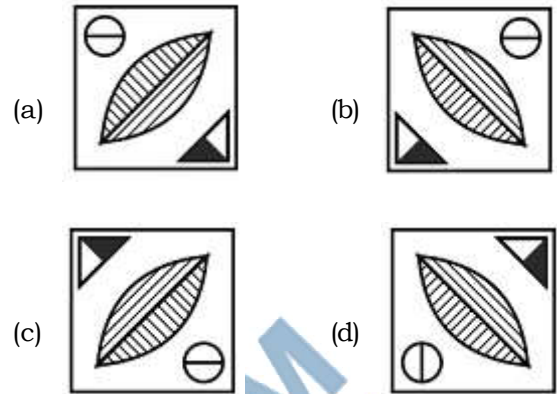
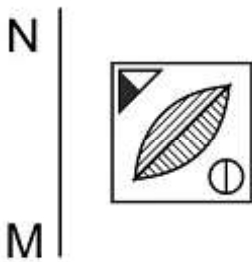
**Correct Answer: (\*)**

48. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



**Correct Answer: (\*)**

49. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?



**Correct Answer: \***

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'C' can be represented by 43, 41, etc. and 'O' can be represented by 97, 78 etc. Similarly, you have to identify the set for the word 'SPAN'.

Matrix I आव्यूह-I					
	0	1	2	3	4
0	M	M	M	I	E
1	A	M	J	I	A
2	F	I	M	I	E
3	I	J	A	L	K
4	D	C	A	C	L

Matrix II आव्यूह-II					
	5	6	7	8	9
5	N	V	Q	U	S
6	R	S	T	U	N
7	S	Z	X	O	V
8	X	S	P	W	P
9	U	X	O	Y	Y

- (a) 66, 87, 33, 56
- (b) 59, 78, 42, 31
- (c) 86, 89, 32, 55
- (d) 78, 43, 22, 98

**Correct Answer: 86, 89, 32, 55**

51. Preliminary expenses are the examples of \_\_\_\_\_.

- (a) Capital expenditure
- (b) Capital gain
- (c) revenue expenditure
- (d) deferred revenue expenditure

**Correct Answer: Capital expenditure**

52. Which economic activity cannot be included in the tertiary sector?

- (a) Working in a call-centre
- (b) Tuition occupation
- (c) Bee-keeping
- (d) Banking

**Correct Answer: Bee-keeping**

53. Which of the following statement is true for the Public Sector Unit?

- (a) Most of assets is owned by a group of people
- (b) Most of assets is owned by big companies
- (c) Most of assets is owned by government
- (d) Most of assets is owned by an individual

**Correct Answer: Most of assets is owned by government**

54. The percentage of India's population in the total population of the world as per 2011 census is: \_\_\_\_\_.

- (a) 17.5%
- (b) 18.01%
- (c) 19.35%
- (d) 20.25%

**Correct Answer: 17.5%**

55. Which of the following five year plan of India recognized human development as the core of development efforts?

- (a) Eighth five year plan
- (b) Ninth five year plan
- (c) Tenth five year plan
- (d) Eleventh five year plan

**Correct Answer: Eighth five year plan**

56. Which of the following thinker is associated with "the concept of political sovereignty"?

- (a) MacIver
- (b) Socrates
- (c) Rousseau
- (d) Plato

**Correct Answer: Rousseau**

57. Who said, "A good citizen makes a good state and a bad citizen makes a bad state"?

- (a) Plato
- (b) Aristotle
- (c) G. B. Shaw
- (d) Rousseau

**Correct Answer: Aristotle**

58. Panchayat Samiti at the block level in India is a/an \_\_\_\_\_.

- (a) Advisory Body
- (b) Coordinating Authority only

- (c) Supervisory Authority only
- (d) Administrative Authority

**Correct Answer: Administrative Authority**

59. According to Indian Constitution, who decides the salary of members of Parliament?

- (a) Union Council of Ministers
- (b) Parliament
- (c) Supreme Court
- (d) President of India

**Correct Answer: Parliament**

60. Which one of the following is not correctly matched?

- (a) Eighth Schedule : Languages
- (b) Second Schedule : Form of Oath of office
- (c) Fourth Schedule : Allocation of seats in Rajya Sabha
- (d) Tenth Schedule : Defection related provisions

**Correct Answer: Second Schedule : Form of Oath of office**

61. When did the Chinese traveler 'Sung Yun' come to India?

- (a) 510 AD
- (b) 518 AD
- (c) 525 AD
- (d) 528 AD

**Correct Answer: 518 AD**

62. Which among the following state 'Odantpuri' education center was situated?

- (a) Bengal
- (b) Gujarat
- (c) Bihar
- (d) Tamil Nadu

**Correct Answer: Bihar**

63. Who was the founder of Bahmani Kingdom?

- (a) Hasan Gangu
- (b) Firoz Shah
- (c) Mahmud Gawan
- (d) Asaf Khan

**Correct Answer: Hasan Gangu**

64. During whose rule in India did the Khilafat movement begin?

- (a) Lord Mountbatten
- (b) Lord Dalhousie
- (c) Lord Chelmsford
- (d) Lord Curzon

**Correct Answer: Lord Chelmsford**

65. Who among the following was the founder of the Arya Mahila Samaj in the early 1880s?

- (a) Swami Dayananda Saraswati
- (b) Swami Vivekananda
- (c) Ramabai Ranade
- (d) Pandita Ramabai

**Correct Answer: Pandita Ramabai**

66. Dasht-e Kavir Desert is located in which country?

- (a) Iran
- (b) Saudi Arab
- (c) Iraq
- (d) Sudan

**Correct Answer: Iran**

67. Which of the following layers is called "Barysphere"?
- (a) Earth's most internal layer
  - (b) Earth's intermediate layer
  - (c) Earth's topmost layer
  - (d) Lowest part of the atmosphere where climate changes occur

**Correct Answer: Earth's most internal layer**

68. The Blue Nile river originates from which of the following lakes?
- (a) Lake Victoria
  - (b) Lake Tana
  - (c) Lake Edward
  - (d) Lake Albert

**Correct Answer: Lake Tana**

69. Which of the following states of India has the largest percentage of geographical area under forest as per the report of the Forest survey of India?
- (a) Manipur
  - (b) Meghalaya
  - (c) Mizoram
  - (d) Nagaland

**Correct Answer: Mizoram**

70. At which of the following towns the Alaknanda and the Bhagirathi combines to form River Ganga?
- (a) Haridwar
  - (b) Rishikesh
  - (c) Rudraprayag
  - (d) Devprayag

**Correct Answer: Devprayag**

71. 'Nirvana Fund' was set up by NSDC for financial help to \_\_\_\_\_.
- (a) Entrepreneurs from the bottom rungs of society
  - (b) Displaced Kashmiri Pandits
  - (c) Old age people having no means of livelihood
  - (d) Ventures of selected candidates trained under PMKVY but did not get any job.

**Correct Answer: Ventures of selected candidates trained under PMKVY but did not get any job.**

72. Nakul Swasthya Patra' is a scheme by the Government for which among the following purposes?
- (a) Wellness of animals
  - (b) Wellness of animal owners
  - (c) Taking care of lactating mother in the rural areas
  - (d) Taking care of newborn babies in the rural areas

**Correct Answer: Wellness of animals**

73. Which mine of India was in the news recently for becoming the country's first iron-ore mine to have a solar plant for reducing carbon footprint?
- (a) Talchar mine
  - (b) Koraput mine
  - (c) Noamundi mine
  - (d) Ratnagiri mine

**Correct Answer: Noamundi mine**

74. Where will the Summer Olympics be held in 2028?
- (a) Sydney
  - (b) Paris
  - (c) Los Angeles
  - (d) Copenhagen

**Correct Answer: Los Angeles**

75. Which country has won the 2017 Davis Cup Tennis Tournament?
- (a) Switzerland
  - (b) Serbia
  - (c) France
  - (d) Belarus

**Correct Answer: France**

76. "You are Unique" is written by \_\_\_\_\_.
- (a) Dr. A. P. J. Abdul Kalam
  - (b) Khushwant Singh
  - (c) Taslima Nasrin
  - (d) Arvind Adiga

**Correct Answer: Dr. A. P. J. Abdul Kalam**

77. The third Indian Council for Cultural Relations (ICCR) Distinguished Indologist Award for the year 2017 was awarded to Japanese professor \_\_\_\_\_.
- (a) Hiroshi Marui
  - (b) Shimamaru Marui
  - (c) Nagasaki Marui
  - (d) Toyota Marui

**Correct Answer: Hiroshi Marui**

78. Which of the following city has become first Indian city to get UNESCO's world heritage city tag?
- (a) Jaipur
  - (b) Ahmedabad
  - (c) Gandhi Nagar
  - (d) Allahabad

**Correct Answer: Ahmedabad**

79. In June 2017, which of the following countries have signed a protocol of co-operation in the field of archive?
- (a) India and Israel
  - (b) India and Portugal
  - (c) India and Netherland
  - (d) India and Iran

**Correct Answer: India and Portugal**

80. India has signed an agreement to provide USD 318 million as line of credit for developing railway sector of which of the following country?
- (a) Bangladesh
  - (b) Nepal
  - (c) China
  - (d) Sri Lanka

**Correct Answer: Sri Lanka**

81. Dot Matrix is a type of \_\_\_\_\_.
- (a) Tape
  - (b) Disk
  - (c) Printer
  - (d) Bus

**Correct Answer: Printer**

82. The secondary storage devices can only store data but they cannot perform \_\_\_\_\_.
- (a) Arithmetic operations
  - (b) Logic operations
  - (c) Fetch operations
  - (d) All options are correct.

**Correct Answer: All options are correct.**

83. In the modern periodic table metals, metalloids and non metals are found in which block?

- (a) s-Block (b) p-block  
(c) d-block (d) f-block

**Correct Answer: p-block**

84. Cinnabar is ore of which of the following?

- (a) Magnesium (b) Aluminium  
(c) Mercury (d) Iron

**Correct Answer: Mercury**

85. In which of the following mirror size of image formed is always equal to the size of object?

- (a) Convex mirror  
(b) Concave mirror  
(c) Plane mirror  
(d) Both convex and concave mirror

**Correct Answer: Plane mirror**

86. Mass of a hydrogen atom is how many time the mass of an electron?

- (a) 1000 (b) 8000  
(c) 1837 (d) 5000

**Correct Answer: 1837**

87. Which of the following are Fabrics that may contain polyester?

- I. Polycot  
II. Polywool  
III. Terrycot  
(a) Only I and II (b) Only I and III  
(c) Only II and III (d) All I, II and III

**Correct Answer: All I, II and III**

88. Which of the following term does NOT represent electrical power in circuit?

- (a)  $I^2R$  (b)  $IR^2$   
(c)  $VI$  (d)  $V^2/R$

**Correct Answer:  $IR^2$**

89. A positively charged particle projected towards west is deflected towards north by a magnetic field. What is the direction of magnetic field?

- (a) toward south (b) toward east  
(c) downward (d) upward

**Correct Answer: upward**

90. Which of the following is NOT positively charged?

- (a) Alpha particle (b) Proton  
(c) Helium nucleus (d) Electron

**Correct Answer: Electron**

91. Which is a water soluble Vitamin?

- (a) Vitamin A  
(b) Vitamin C  
(c) Vitamin D  
(d) Vitamin K

**Correct Answer: Vitamin C**

92. Match the items given in column (A) with those in column (B).

**Column - A**

- I. Frog  
II. Leaves  
III. Earthworm

**Column - B**

1. Skin  
2. Stomata  
3. Lungs and skin

- (a) I-3, II-2, III-1  
(b) I-1, II-2, III-3  
(c) I-3, II-1, III-2  
(d) I-2, II-1, III-1

**Correct Answer: I-3, II-2, III-1**

93. How many number of chambers are there in human heart?

- (a) Two (b) Three  
(c) Four (d) Five

**Correct Answer: Four**

94. Which of the following is NOT present in a matured stomata?

- (a) Plasmodesma (b) Chloroplast  
(c) Cell wall (d) Vacuole

**Correct Answer: Plasmodesma**

95. What is/are the cause(s) of arise hypermetropia?

- (a) Excessive curvature of the eye lens.  
(b) Elongation of the eye ball.  
(c) Focal length of the eye lens is too long.  
(d) No option is correct.

**Correct Answer: Focal length of the eye lens is too long.**

96. Antibiotics are useful for which type of infections?

- (a) Only bacteria  
(b) Only virus  
(c) Both bacteria and virus  
(d) Neither bacteria nor virus

**Correct Answer: Only bacteria**

97. Which one of the following is NOT responsible for water shortage?

- (a) Rapid growth of industries  
(b) Increasing population  
(c) Forestation  
(d) Mismanagement of water resources

**Correct Answer: Forestation**

98. Which gas is major contributor to greenhouse effect?

- (a) Carbon dioxide  
(b) Chlorofluorocarbon  
(c) Sulphur dioxide  
(d) Nitrogen dioxide

**Correct Answer: Carbon dioxide**



99. Which of the following is NOT a major problem in development of resources?

- (a) Depletion of resources for satisfying the greed of few individuals.
- (b) Accumulation of resources in few hands.
- (c) An equitable distribution of resources.
- (d) Indiscriminate exploitation of resources.

**Correct Answer: An equitable distribution of resources.**

100. Which of the following is NOT man made ecosystem?

- (a) Orchards
- (b) Home aquarium
- (c) Botanical gardens
- (d) Grassland

**Correct Answer: Grassland**

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