

# Chhattisgarh Pre. B.Ed. Exam., 2017

(Held on 30-4-2017)

## PART-I

### General Mental Eligibility

1. Find the missing term.

$$11\frac{1}{9}, 12\frac{1}{2}, 14\frac{2}{7}, 16\frac{2}{3}, (?)$$

- (A)  $8\frac{1}{3}$  (B)  $9\frac{1}{11}$   
(C) 10 (D) 20

2. Find the missing term.

$$840, 168, 42, 14, 7, (?)$$

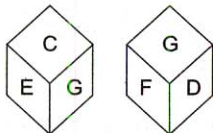
- (A) 1 (B) 7  
(C) 9 (D) 12

3. Find the missing term.

$$\frac{1}{4} : \frac{1}{8} :: \frac{2}{3} : (?)$$

- (A)  $\frac{1}{4}$  (B)  $\frac{1}{3}$   
(C)  $\frac{1}{7}$  (D)  $\frac{1}{2}$

4. Which letter is on the face opposite to D?



- (A) C  
(B) E  
(C) H  
(D) Cannot be determined

5. Select from the alternatives the box that can be formed by folding the sheet shown in fig. X.

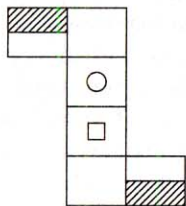
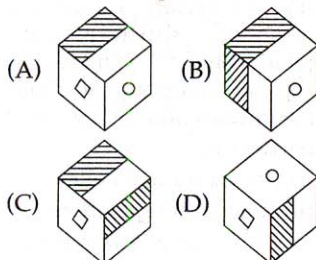
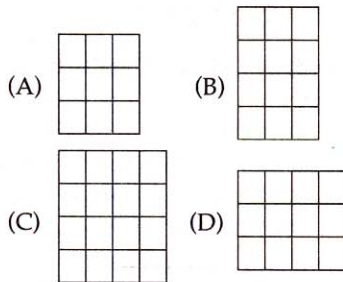
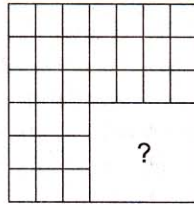


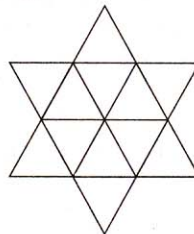
Fig. X



6. Complete the pattern.

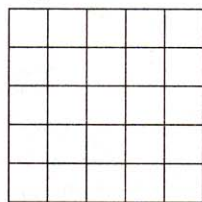


7. The number of triangles in the given figure are—



- (A) 14 (B) 20  
(C) 21 (D) 22

8. The number of squares in the given figure are—



- (A) 34 (B) 54  
(C) 55 (D) 56

9. If + means  $\div$ , - means  $\times$ ,  $\times$  means  $-$ ,  $\div$  means  $+$ , ( ) means ( ) then

$$(36 \div 4 - 3 \times 10 \div 7) + 8 = ?$$

- (A)  $18/7$   
(B)  $17/8$   
(C) 3  
(D) None of these

10. The total of ages of Ram, Rahim and John is 68 years. What was the total of their ages four year ago?

- (A) 54 years (B) 56 years  
(C) 59 years (D) 64 years

11. In the following sequence of diagrams which number will occupy the blank space?

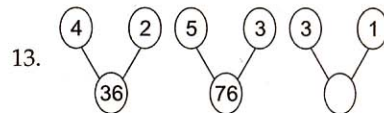
$$7 \begin{matrix} 27 \\ \circlearrowleft 7 \\ 1 \end{matrix} 1 \quad 63 \begin{matrix} 1 \\ \circlearrowleft 8 \\ 1 \end{matrix} 8 \quad 26 \begin{matrix} 64 \\ \circlearrowleft \quad \\ 1 \end{matrix} 8$$

- (A) 9  
(B) 10  
(C) 26  
(D) None of these

12.

3	16	21	37
6	4	5	3
7	12	14	
12	24	30	39

- (A) 14 (B) 12  
(C) 16 (D) 18



- (A) 14  
(B) 16  
(C) 28  
(D) None of these

14.

A	C	C
B	D	C
E	Y	

- (A) F (B) W  
(C) I (D) S

15. Find the odd pair.

AZ, BY, CX, DV

- (A) AZ (B) BY  
(C) CX (D) DV

16. Find the odd one from the given group of letters.

RTVX, NPRT, GHJL, MOQS

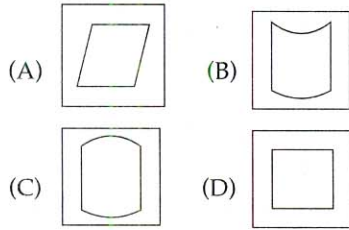
- (A) NPRT (B) GHJL  
(C) MOQS (D) RTVX

17. Find the odd pair of number.

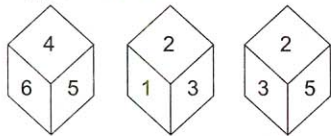
(9, 49), (13, 121), (10, 61), (7, 25)

- (A) 13, 121 (B) 9, 49  
(C) 10, 61 (D) 7, 25

18. Find out the odd one.

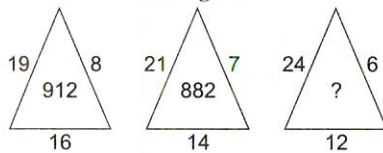


19. Which number is on the face opposite to 4?



- (A) 1 (B) 2  
(C) 3 (D) Cannot find

20. Find the missing term.



- (A) 864 (B) 1234  
(C) 1356 (D) 862

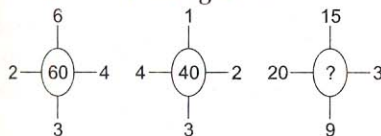
21. If in a certain code language 'ARIHANT' is written as 'BTLLFTA', then how will 'HONESTY' be written in that code?

- (A) IQQIZFX (B) IQQXIZF  
(C) IQQIXZF (D) IQQIXFZ

22. In a certain code language 'NATURAL' is coded as 'MZGFIZO' then how will 'CARE' be written in that language?

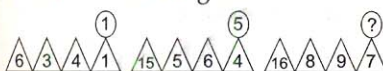
- (A) XZIV (B) XZVI  
(C) XVZI (D) XIZV

23. Find the missing term.



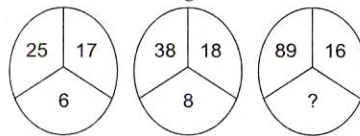
- (A) 235 (B) 141  
(C) 144 (D) 188

24. Find the missing term.



- (A) 5 (B) 6  
(C) 4 (D) 3

25. Find the missing term.

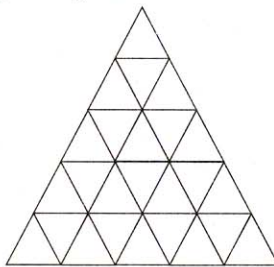


- (A) 13 (B) 15  
(C) 17 (D) 19

26. In a certain code language 'WIND' is written as '414923' 'SAND' is written as '414119' then how will 'FASHION' be written in that code?

- (A) 1451981916  
(B) 1415989161  
(C) 1415981961  
(D) 1415981916

27. The number of triangle in the given figure are—



- (A) 41 (B) 43  
(C) 48 (D) 49

28. Find the missing term.

NEUROTIC : TICRONEU ::  
PSYCHOTIC : (?)

- (A) TICCOHPSY  
(B) TICOCHPSY  
(C) TICCHOPSY  
(D) TICHCOPSY

29. Find the missing term :

FGEHJ : BCADF :: VWUXZ : (?)

- (A) NKLMO (B) GFBAC  
(C) HIJKL (D) OPNQS

30. Find the missing term.

nd, iy, dt, yo, tj, (?)

- (A) mp (B) nq  
(C) of (D) oe

## PART-II

### General Awareness

31. Carnatic music in India originated in the—

- (A) 12th Century to 13th Century  
(B) 14th Century to 15th Century  
(C) 13th Century to 14th Century  
(D) None of the above

32. Gram Sabha was introduced in which Amendment of Constitution of India?

- (A) 73rd Amendment  
(B) 74th Amendment  
(C) 71st Amendment  
(D) None of these

33. As per the Census 2011, which of the following States is least populous?

- (A) Arunachal Pradesh  
(B) Kerala  
(C) Sikkim  
(D) None of the above

34. Economic Planning in India is a subject in the Constitution of India—

- (A) State List  
(B) Union List  
(C) Concurrent List  
(D) None of these

35. Which of the following is the first fertilizer plant in public sector?

- (A) Gujarat Narmada fertilizer  
(B) Nangal fertilizer  
(C) Sindri fertilizer  
(D) Kochi fertilizer

36. Which of the following disease is not caused by virus?

- (A) Small-pox (B) Mumps  
(C) Rabies (D) Diphtheria

37. Bacteria was discovered by—

- (A) Harvey  
(B) Leeuwenhoek  
(C) Landsteiner  
(D) Eijkman

38. In the content of Census 2011, which of the following year is called micro divide year?

- (A) 1951 (B) 1961  
(C) 1950 (D) 1947

39. Which of the following is administrative report of Akbar's Reign?

- (A) Akbarnama  
(B) Ain-i-Akbari  
(C) Ruqaat  
(D) None of these

40. Who was associated with the Red Shirts Movement?

- (A) Mahatma Gandhi  
(B) Jawaharlal Nehru  
(C) Ballabh Bhai Patel  
(D) Abdul Gaffar Khan

41. Which of the following was first Atomic Reactor in India ?  
 (A) Purnima-1  
 (B) Apsara  
 (C) Kamini  
 (D) Dhruva
42. In which Schedule of Constitution of India, the list of official languages of India are given ?  
 (A) Schedule-8  
 (B) Schedule-1  
 (C) Schedule-2  
 (D) Schedule-7
43. Which state has maximum number of Institutions in top 100 institution as per National Institutional Ranking Framework (NIRF) ?  
 (A) Maharashtra  
 (B) West Bengal  
 (C) Tamil Nadu  
 (D) Uttar Pradesh
44. Rashtriya Ucchar Shiksha Abhiyan (RUSA) was launched in—  
 (A) 2012 (B) 2013  
 (C) 2014 (D) 2015
45. The Gross Enrolment Ratio (GER) of India in the context of Higher Education in 2014-15 was—  
 (A) 24.3 (B) 25.3  
 (C) 23.3 (D) 23.5
46. South Asean Association of Regional Cooperation (SAARC) has its secretariate in—  
 (A) Dacca (Bangladesh)  
 (B) Kathmandu (Nepal)  
 (C) Islamabad (Pakistan)  
 (D) None of the above
47. Which of the following is true about Goods and Services Tax (GST) ?  
 (A) It is value added tax  
 (B) It will be levied on manufacture, sale and consumption  
 (C) It is an indirect tax  
 (D) All of the above
48. What is Repo rate ?  
 (A) It is the rate on which Reserve Bank of India lends money to State Government  
 (B) It is the rate on which Reserve Bank of India lends money to its clients  
 (C) It is the rate of which Commercial Banks lend money to Regional Rural Banks  
 (D) None of the above
49. The colour of which of the following soil is due to oxide of iron ?  
 (A) Forest soil (B) Laterite soil  
 (C) Black soil (D) Alluvial soil
50. This State is the ..... most populous State.  
 (A) 17th (B) 18th  
 (C) 19th (D) 16th
51. Educationally, maladjusted children are—  
 (A) Very poor in achievement  
 (B) Dressed with their educational problem  
 (C) Both of these A & B  
 (D) None of the above
52. Who proposed 10 + 2 + 3 system in Education ?  
 (A) Kothari Commission  
 (B) Mudaliar Commission  
 (C) Radha Krishnan Commission  
 (D) None of the above
53. 'Spare the stick and spoil the child'. This assumption is related to what type of discipline which has been advocated ?  
 (A) By naturalist philosophy  
 (B) By pragmatist philosophy  
 (C) In Victorian era  
 (D) In democratic era
54. Acquisition of information and knowledge is—  
 (A) Ability to learn  
 (B) Ability to adjust  
 (C) Ability to memorise  
 (D) None
55. Teacher's knowledge in student's needs and interests are covered by the subject—  
 (A) Philosophy of education  
 (B) Psychology of education  
 (C) Sociology of education  
 (D) Politics of education
56. If any student get the same marks in a test by many examiners—  
 (A) Objective  
 (B) Valid  
 (C) Reliable  
 (D) None of these
57. Which test is designed to reveal a person's strength and weakness in one or more areas of the field being used ?  
 (A) Interest test  
 (B) Diagnostic test  
 (C) Objective test  
 (D) Oral test
58. Nature and nurture refers to—  
 (A) Internal and external environment

### PART-III

### Educational Interest

51. Multimedia approach is used in—  
 (A) Behavioural Technology  
 (B) Teaching Technology  
 (C) Distance Education  
 (D) Programmed Instruction
52. Instruction medium affects the absence and escape from class teaching—  
 (A) Agreed  
 (B) Indefinite  
 (C) Disagreed  
 (D) None of these
53. There is equal participation of teacher and learner in the—  
 (A) Lecture method  
 (B) Demonstration method  
 (C) Question-answer technique  
 (D) None of the above
54. The motivated teacher will have following attributes—  
 (A) Unrealistic level of aspiration  
 (B) Goal-directed behaviour  
 (C) Dissatisfaction  
 (D) Deprivation of needs
55. The teacher who has developed an interest in teaching—  
 (A) Studies problems of student behaviour  
 (B) Compares different types of tests  
 (C) Refuses to be guided by the rule of the thumb  
 (D) Cannot deal with the children effectively

- (B) Temperament and character  
(C) Physical features and temperament  
(D) Heredity and environment
64. That teacher should be considered most successful who—  
(A) Who takes interest in the development of the students  
(B) Maintains discipline  
(C) Gives good marks  
(D) Gives home work regularly
65. Govt. policy on education regards education is unique—  
(A) Consumption  
(B) Investment  
(C) Source of income  
(D) Expenditure
66. The first Open School was established in India in the year—  
(A) 1969 (B) 1979  
(C) 1989 (D) 1999
67. What should be done to develop different abilities in students ?  
(A) Will lecture on the importance of abilities  
(B) Will give examples of able men  
(C) To develop a particular ability in students, they should be instructed to make effort for it  
(D) All of the above are not helpful in development of ability
68. The teacher should promote—  
(A) Anxiety among the students to complete the syllabus in a hurry  
(B) Harassing the students to complete the work  
(C) Encourage interactive communication among students  
(D) Punishment to students whenever they put a question
69. A method of discovery and research is—  
(A) Lecture method  
(B) Inductive method  
(C) Deductive method  
(D) Project method
70. The students of today are—  
(A) Careless and intelligent  
(B) Not devoted to studies  
(C) Dedicated to studies  
(D) Of sharp mind
71. A prime requisite for one who enters the teaching profession is—  
(A) An IQ over 125  
(B) Public speaking ability  
(C) Good health  
(D) Extra income
72. Find the odd one out—  
(A) Recall  
(B) Recognition  
(C) Trace  
(D) Remembering
73. The meaning of universalization of primary education is—  
(A) To provide education to all  
(B) To provide education to all girls  
(C) To provide free and compulsory education to the age group of 6–14  
(D) To provide free and compulsory education to all children
74. Work experience in education means—  
(A) Education for productivity with rural  
(B) Working for a new social order  
(C) Experience in industrial and technological world  
(D) Education for orientation towards vocational courses
75. Frustration for the motives causes—  
(A) Inferiority  
(B) Anxiety  
(C) Inefficiency  
(D) Behaviour disorders
76. To identify non-social students, in your class, you as teacher would apply—  
(A) Aptitude test  
(B) Sociometric test  
(C) IQ test  
(D) Achievement test
77. Student learn through activity because—  
(A) Activity is creative  
(B) Activity is done by the student himself  
(C) Activity is interesting  
(D) Involves physical labour
78. Generally, it is believed, that a teacher should be ..... with the students.  
(A) Strict and unapproachable  
(B) Strict and introvert  
(C) Respectable but friendly  
(D) Independent and approachable
79. The main task of educational computer is—  
(A) Scoring the answers  
(B) Preserve the information  
(C) Analysis of data  
(D) All of the above
80. Computer language is based on—  
(A) Number system  
(B) Symbol system  
(C) Series system  
(D) None of these

#### PART-IV

#### General Hindi

81. निम्नलिखित में 'परीक्षा' किस प्रकार का शब्द है?  
(A) तत्सम (B) तद्भव  
(C) देशज (D) विदेशज
82. कौनसा शब्द 'तीर' का पर्यायवाची नहीं है?  
(A) शर (B) बाण  
(C) तार (D) नाराच
83. 'छाती पर मूँग दलना' का अर्थ है—  
(A) परेशान करना  
(B) झगड़ा करना  
(C) पास रहकर कष्ट देना  
(D) मारना
84. 'शू' ध्वनि का उच्चारण स्थान है—  
(A) दंत्य  
(B) वल्स्य  
(C) तालव्य  
(D) इनमें से कोई नहीं
85. कौनसा शब्द स्त्रीलिंग है?  
(A) सूचीपत्र (B) सियार  
(C) परिषद् (D) सहारा
86. 'त्रिफला' में कौनसा समास है?  
(A) द्विगु (B) द्वन्द्व  
(C) कर्मधारय (D) तत्पुरुष
87. निम्नलिखित में से अल्पविराम का चिन्ह है—  
(A) (!)  
(B) (;)  
(C) (.)  
(D) इनमें से कोई नहीं

88. निम्नलिखित में सही वर्तनी है—  
 (A) अंतर्गत (B) अंतरगत  
 (C) अन्तरगत (D) अर्न्तगत
89. कौनसा शब्द भाववाचक संज्ञा नहीं है?  
 (A) मिठाई (B) चतुराई  
 (C) लड़ाई (D) उतराई
90. अर्थ के आधार पर वाक्य का भेद नहीं है—  
 (A) विधिसूचक (B) निश्चयसूचक  
 (C) इच्छासूचक (D) संदेहसूचक

**PART-V**  
**General English**

91. 1. As a result Raman fell asleep.  
 2. Thus Raman expressed his view about the poems.  
 3. So he insisted that Raman listens to his poems.  
 4. A poet wanted to inspire Raman.
- The correct order of the sentences will be—  
 (A) 3, 2, 1, 4 (B) 1, 4, 2, 3  
 (C) 1, 2, 3, 4 (D) 4, 3, 1, 4
92. The report is badly written. .... it is inaccurate.  
 (A) Moreover (B) Finally  
 (C) However (D) Menwhile

**Directions**—(Q. 93-95) Earthquakes are the sudden shock and shaking of the earth's surface. They can be felt over large geographical areas for brief moments of time.

There are nearly 20 tectonic plates that are along the earth's surface that continuously move past each other. Huge rocks are formed at the edges of the plates. The shifting of these rocks cause earthquakes.

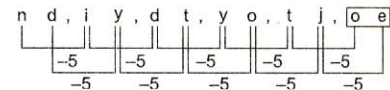
93. Earthquake occurs when—  
 (A) tectonic plates move  
 (B) rocks at the edges of tectonic plates move  
 (C) tectonic plates enlarge or shrink  
 (D) All the above
94. Earthquake occurs—  
 (A) sometimes in a wide area  
 (B) in a small area  
 (C) sometimes in a small area, sometimes in a wide area  
 (D) always in a wide area

95. During an earthquake the earth shakes continuously for—  
 (A) A few days  
 (B) Some seconds  
 (C) Few hours  
 (D) About one month
96. The opposite of proportionate is—  
 (A) misproportionate  
 (B) disproportionate  
 (C) aproportionate  
 (D) unproportionate
97. To seek (take) permission we can say—  
 (A) May I take your cycle ?  
 (B) Would I take your cycle ?  
 (C) Should I take your cycle ?  
 (D) Will I take your cycle ?
98. .... Ganga is a holy river.  
 (A) A  
 (B) An  
 (C) The  
 (D) None of these
99. I want ..... milk for the baby because she is hungry.  
 (A) little (B) a little  
 (C) few (D) a few

100. She painted the pictures—  
 (A) beautiful  
 (B) beautifully  
 (C) beauty  
 (D) beautify

$$\Rightarrow (9 \times 3 - 3) + 8 = \frac{24}{8} = 3$$

10. (B) 11. (B) 12. (B) 13. (A)  
 14. (\*) Question is wrong.  
 15. (D) DV [DW is come]  
 16. (B) [no gap between G and H ]  
 17. (C) [10 - 2 = 8, (8)<sup>2</sup> = 64, 64 is come in place of 61]  
 18. (C) 19. (B) 20. (A)  
 21. (C) HONESTY → IQQIXZF  
 22. (A) CARE → XZIV  
 23. (D) (2 + 6 + 4 + 3) × 4 = 60;  
 (4 + 1 + 2 + 3) × 4 = 40;  
 (20 + 15 + 3 + 9) × 4 = 188
24. (C)  
 25. (B) 25 + 17 = 42 + 6 = 7;  
 38 + 18 = 56 + 8 = 7;  
 89 + 16 = 105 + 5  
 = 7
26. (D) FASHION → 1415981916  
 27. (A)  
 28. (C) PSYCHOTIC → TICCHOPSY  
 29. (D) VWUXZ = OPNQS  
 30. (D)



31. (B) 32. (A) 33. (C) 34. (C)  
 35. (C) The first public sector fertilizer plant was established at Sindri Jharkhand. The second plant was constructed at Nangal in Punjab.  
 36. (D) Diphtheria is a serious bacterial infection that affects the mucous membranes of the throat and nose.  
 37. (B) Antony van Leeuwenhoek is regarded as the father of microbiology. He is known for the discovery of bacteria.  
 38. (A) In India 1951 was the highest growth rate in the early birth so for this year is called, "Short separator years' (Micro Divide Year).  
 39. (B) The Ain-i-Akbari is the third volume of the Akbarnama containing information regarding Akbar's reign in the form of, what would be called in modern times, administration reports, statistical compilations, or gazetteers.

**Answers with Hints**

1. (D) *i.e.*, the given sequence is like  
 $\frac{100}{9}, \frac{100}{8}, \frac{100}{7}, \frac{100}{6}, \frac{100}{5} = 20$
2. (B)  
 $840, 168, 42, 14, 7, 7$   
 +5, +4, +3, +2, +1
3. (B)  $\frac{1}{4} : \frac{1}{8} :: \frac{2}{3} : \frac{1}{3}$   
 $\Rightarrow \frac{1}{4}x = \frac{2}{3} \times \frac{1}{8}$   
 $\Rightarrow x = \frac{2}{3} \times \frac{1}{8} \times \frac{4}{1}$   
 $= \frac{1}{3}$
4. (B) 5. (A) 6. (D) 7. (B) 8. (C)  
 9. (C) (36 + 4 - 3 × 10 ÷ 7) + 8  
 $\Rightarrow (36 + 4 \times 3 - 10 + 7) + 8$   
 (according to ques.)

40. (D) 41. (B)
42. (A) The Eighth Schedule to the Constitution of India lists the official languages of the Republic of India.
43. (C) Statewise number of institutions in top 100 institution as per NIRF framework :  
Tamilnadu—13  
Maharashtra—10  
U.P.—09  
Bengal—05
44. (B) Rashtriya Uchchatar Shiksha Abhiyan (RUSA) is a Centrally Sponsored Scheme (CSS), launched in 2013 aims at providing strategic funding to eligible state higher educational institutions.
45. (A) 46. (B) 47. (D) 48. (B) 49. (B)
50. (D) 51. (B) 52. (B) 53. (C) 54. (B)
55. (A) 56. (C) 57. (A) 58. (C) 59. (A)
60. (B) 61. (C) 62. (B) 63. (D) 64. (A)
65. (B) 66. (C) 67. (D) 68. (C) 69. (B)
70. (\*) Question is wrong.
71. (C) 72. (C) 73. (D) 74. (D) 75. (D)
76. (B) 77. (B) 78. (C) 79. (D) 80. (A)
81. (A) परीक्षा तत्सम शब्द है इसका तद्भव है—परख.
82. (C) तीर के पर्यायवाची हैं—शर, वाण, नाराच, किन्तु तार को तीर का पर्यायवाची नहीं माना जाता.
83. (C) छाती पर मूँग दलना = पास रहकर कष्ट देना. बहू ने सास से कहा मैं मायके नहीं जाऊँगी अपितु यहीं रहकर तुम्हारी छाती पर मूँग दलूँगी.
84. (C) 'श' ध्वनि तालव्य है क्योंकि 'श' का उच्चारण स्थान तालु है. इसके उच्चारण में जिह्वा तालु का स्पर्श करती है
85. (C) परिषद् शब्द स्त्रीलिंग है. यथा—परिषद् अच्छी है.
86. (A) त्रिफला—तीन फलों (हर, बहेड़ा, आंवला का संयोग)—द्विगु समास.
87. (C) अल्पविराम का चिह्न है—(,)
88. (B) सही वर्तनी वाला शब्द है—अंतर्गत.
89. (A) मिठाई भाववाचक संज्ञा नहीं है.
90. (B) विधिसूचक, इच्छासूचक, संदेहसूचक तो वाक्य के भेद होते हैं, परन्तु निश्चयसूचक वाचक का भेद नहीं होता.
91. (D) The correct order of the sentences will be 4, 3, 1, 2. A poet wanted to inspire Raman so he insisted that Raman listens to his poems. As a result Raman fell asleep. Thus Raman expressed his view about the poems.
92. (A) The report is badly written. Moreover it is inaccurate.
93. (D) All the above. Earthquake occurs when tectonic plates move, rocks at the edges to tectonic plates moves, tectonic plates enlarge or shrink.
94. (D) Earthquakes occurs always in a wide area.
95. (B) During an earthquake the earth shakes continuously for some seconds.
96. (B) The opposite of proportionate is disproportionate.
97. (A) To seek permission we can say—May I take your cycle ?
98. (C) The Ganga is holy river.
99. (B) I want a little milk for the baby because she is hungry.
100. (B) She painted the pictures beautifully.