



Hindi (10 × 1 = 10)

1. "अगर-मगर करना" का अर्थ है-  
 (A) रूठे को मनाना (B) बहाने करना  
 (C) इधर की बात उधर करना (D) अदला- बदली करना
2. जो दूसरों के सहारे जीवित रहे, उसे क्या कहते हैं?  
 (A) परोपजीवी (B) पराधीन (C) परावलम्बी (D) पराश्रित
3. जो बहुत बातें करता है उसे क्या कहते हैं?  
 (A) वचनीय (B) बहुज्ञ (C) बातूनी (D) बधिर
4. रोग जिसका उपचार संभव न हो-  
 (A) विरोगी (B) अतिरोगी (C) असाध्य (D) अरोगी
5. 'Adopt' शब्द का हिंदी पर्याय शब्द कौनसा होगा?  
 (A) अनुकूल करना (B) निपुण होना (C) विज्ञापन करना (D) गोद लेना
6. हिंदी भाषा की सबसे छोटी इकाई कौनसी है?  
 (A) वर्ण (B) वाक्य (C) व्यंजन (D) शब्द
7. 'अटल' शब्द का अर्थ है-  
 (A) टालना (B) दृढ़ (C) अटकल (D) अस्थिर
8. दिये गये विकल्पों में से उचित शब्द से रिक्त स्थान की पूर्ति कीजिए-  
 प्रत्येक भारतीय को भारतीय सेना पर ----- है  
 (A) गर्भ (B) घमंड (C) गर्व (D) कोई नहीं
9. "Incredible India" का मान्य हिंदी अनुवाद है-  
 (A) अच्छा भारत (B) सोने की चिड़िया (C) भारतवर्ष (D) अतुल्य भारत
10. शुद्ध वर्तनी वाला शब्द है-  
 (A) क्रियाशील (B) किरयाशील (C) क्रीयाशील (D) केयशील

English (10 × 1 = 10)

(Q.11 & Q.12) Choose the best suited synonym of the given word from the following options:

11. ANOMALY

- (A) Normal (B) Straight (C) Irregularity (D) Integrity

12. ABSTRUSE

- (A) Showy (B) Evident (C) Skillful (D) Concealed

(Q.13 & Q.14) Choose the best suited antonym of the given word from the following options:

13. CONSENSUS

- (A) Agreement (B) Disagreement (C) Quality (D) Special case

14. FECKLESS

- (A) Weak (B) Careful (C) Careless (D) Unlucky



(Q.15 & Q.16) Choose the best suited one word substitution for the given word:

15. Which cannot be removed

- (A) Indelible (B) Illegible (C) Misanthropist (D) Edible

16. One who is new to a profession

- (A) Worker (B) Colleagues (C) Novice (D) Recluse

(Q.17 & Q.18) Fill in the blanks with the appropriate option:

17. \_\_\_\_\_ to London by the plane Yesterday?

- (A) Did Mary went (B) Mary go (C) Did Mary go (D) Mary goes

18. We usually \_\_\_\_\_ vegetables in our garden but this year we \_\_\_\_\_ any.

- (A) are growing / don't grow (B) grew / haven't grown  
(C) grow / aren't growing (D) grow / don't grow

(Q.19 & Q.20) Choose the proper word from the given options to fill-in the blanks

19. I daily wait for his call, but he \_\_\_\_\_ not call.

- (A) do (B) does (C) done (D) is

20. If I have money, I \_\_\_\_\_ it tomorrow.

- (A) will purchase (B) would purchase (C) have purchase (D) have purchased

**Current Affairs (10 × 1 = 10)**

21. Which Indian sportsperson has clinched India's first Gold in the 18th Jakarta Asian Games 2018?

- (A) Mary Kom (B) Bajrang Punia (C) Apurvi Chandela (D) Neeraj Chopra

22. Kofi Annan was from which African country?

- (A) Ghana (B) Morocco (C) Nigeria (D) South Africa

23. The Union Government has proposed to set up which committee to suggest changes to the JEE (Advanced) examination?

- (A) Kannan Moudgalya Committee (B) Abhay Karandikar Committee  
(C) Vineet Joshi Committee (D) Bhaskar Ramamurthy Committee

24. Which IIT has decided to set up a Re-Water Research Center to replenish and rejuvenate water resources?

- (A) IIT Delhi (B) IIT Kharagpur (C) IIT Madras (D) IIT Bombay

25. Which of the following cities was the venue of the recently held 11<sup>th</sup> World Hindi Conference (WHC) 2018?

- (A) New Delhi (B) Port Louis (C) Johannesburg (D) Paramaribo

26. In which year, Atal Bihari Vajpayee became Prime Minister of India for first time?

- (A) 1997 (B) 1996 (C) 1998 (D) 1995

27. Recently tested Anti-Tank Guided Missile 'Helina' is helicopter-launched version of which missile?

- (A) Akash (B) Nag (C) Prithvi (D) Agni

28. The completed draft of the National Register of Citizens (NRC) has been officially published by which state government?

- (A) Assam (B) Arunachal Pradesh (C) West Bengal (D) Manipur

29. The International Tiger Day (ITD) is observed on which date?

- (A) July 29 (B) July 28 (C) July 30 (D) July 31

30. Prime Minister during his Independence Day - 2018 address had announced \_\_\_\_\_, "India's maiden human spaceflight programme".

- (A) Avatar (B) Chandrayan-II (C) Gaganyaan (D) Aakashyan



31. 56% of Y is 182. What is Y?  
(A) 350 (B) 364 (C) 325 (D) 330
32. Y has to score 40% marks to pass. He gets 20 marks and fails by 40 marks. The maximum marks of the exam are?  
(A) 100 (B) 200 (C) 150 (D) 250
33. Choose the fraction which is greatest in value among the following?  
(A)  $17/18$  (B)  $10/11$  (C)  $1/2$  (D)  $3/4$
34. The sum of 3 numbers is 285. Ratio between 2nd and 3rd numbers is 6:5. Ratio between 1st and 2nd numbers is 3:7. The 3<sup>rd</sup> number is?  
(A) 135 (B) 150 (C) 124 (D) 105
35. A man got Rs. 130 less, as simple interest, when he invested Rs. 2000 for 4 years as compared to investing Rs. 2250 for same duration. What is the rate of interest?  
(A) 12% (B) 13% (C) 12.5% (D) 10.50%
36. In 3 years by compound interest, a sum becomes Rs. 900. But in 4 years by compound interest, the same sum becomes Rs. 1000. What are the sum and the rate of interest?  
(A) Rs. 625.20, 12.50% (B) Rs. 656.10, 11.11%  
(C) Rs. 686.50, 12.50% (D) Rs. 695.80, 11.11%
37. If  $x = a$ ,  $y = b$  is the solution of the pair of equation  $x - y = 2$  and  $x + y = 4$  then what will be value of a and b  
(A) 2, 1 (B) 3, 1 (C) 4, 6 (D) 1, 2
38. Amit covers a distance at a speed of 24 km/hr in 6 min. If he wants to cover the same distance in 8 min, what should be his speed?  
(A) 18 km/hr (B) 21 km/hr (C) 30 km/hr (D) 15 km/hr
39. Ram is three times as old as Shyam. 2 years ago he was five times as old as Shyam. What is the present age of Ram?  
(A) 12 years (B) 14 years (C) 18 years (D) 24 years
40. The average age of a group of 4 friends is 36 years. The youngest friend amongst them is 6 years old. What was the average age of the group at the time of the birth of the youngest friend?  
(A) 30 years (B) 38 years (C) 32 years (D) 40 years



**Teaching Methodology (10 × 1 = 10)**

41. Which of the following affects an individual's development at a given time?  
(A) Their experiences (B) Interaction of nature and nurture  
(C) Inherited potentialities (D) Social pressure on the individual
42. The major disadvantage of punishment in education is that \_\_\_\_\_  
(A) It causes embarrassment in children (B) It generates unpleasant feelings  
(C) It does not solve the problem permanently (D) It prevents team work
43. \_\_\_\_\_ is the apex institution in the area of training educational planners and administrators?  
(A) NCERT (B) NCTE (C) NIEPA (D) SIE
44. Success of inclusive education depends on \_\_\_\_\_  
(A) Community support (B) Attitudinal change among teachers  
(C) High quality teaching learning materials (D) High quality text books
45. For effective learning, a goal must be meaningful in terms of the :  
(A) Intellectual ideas involved (B) Curricular objectives  
(C) Students need and purposes (D) Standards of others
46. For a teacher, which one of the following methods would be correct for writing on the blackboard?  
(A) Writing fast and as clearly as possible  
(B) Writing the matter first and then asking students to read it  
(C) Asking a question to students and then writing the answer as stated by them  
(D) Writing the important points as clearly as possible
47. Teacher's day is celebrated to commemorate whose birthday?  
(A) Maulana Abul Kalam Azad (B) Dr. Zakir Husain  
(C) Rajendra Prasad (D) Dr. S. Radhakrishnan
48. Value-education stands for-  
(A) Making a student healthy  
(B) Making a student to get a job  
(C) Inculcation of virtues  
(D) All round development of personality
49. Before starting instruction a teacher should  
(A) Know the existing knowledge of his students and their background knowledge  
(B) be aware of the environmental variables acting on the mind of the pupils  
(C) be competent enough to arouse the curiosity of his pupils  
(D) All of the above
50. If you come across to teach a blind student along with the normal students what type of behaviour you are expected to exhibit as a teacher?  
(A) Take care of him with sympathy  
(B) Don't give any extra attention because majority of students may, suffer  
(C) Arrange the seat in the front row and try to keep your teaching pace according to him without making the other students suffer  
(D) None of the above



**Subjects Concerned (50 × 1 = 50)**

निर्देश- निम्नलिखित अनुच्छेद को ध्यान से पढ़िये और उस पर पूछे गए प्रश्नों (51-55) के उत्तर लिखिए।

कार्बोट राष्ट्रीय उद्यान दिल्ली के निकट स्थित है। यह हिमालय की निचली श्रेणियों में रामगंगा नदी की घाटी में है। दिल्ली वासी सड़क मार्ग से बड़ी सरलता से यहाँ पहुँच सकते हैं। वे कुछ रास्ता रेलगाड़ी से और शेष को सड़क मार्ग से भी तय कर सकते हैं।

कार्बोट राष्ट्रीय उद्यान का निर्माण 1936 में हुआ था। यह भारत का पहला राष्ट्रीय उद्यान था, अप्रैल 1973 में शिकारियों से बाघों की रक्षा के लिए 'बाघ परियोजना' का शुभारंभ इसी उद्यान से किया गया।

बाघों के अतिरिक्त कार्बोट राष्ट्रीय उद्यान में अन्य अनेक पशु भी बड़ी संख्या में रहते हैं। भालू, लोमड़ी, लकड़बघा, सिवेट बिलाव भी यहाँ रहते हैं। इन पशुओं के अतिरिक्त साँप, जैसे – भारतीय अजगर, केरत और नागराज भी इसी उद्यान में मिल जाते हैं। यहाँ वर्षभर अनेक पक्षी भी देखे जा सकते हैं, जैसे बगुला, ओजन बगुला ( हेरोन) खंडचली टिटहरी, काले गर्दन वाले लगलय पक्षी भी इस उद्यान में साल भर देखे जा सकते हैं। वास्तव में पक्षियों की लगभग 580 प्रजातियाँ कार्बोट उद्यान में पायी जाती हैं।

भारत और विदेश के पर्यटकों को इस उद्यान में आना पसंद है। वे हाथी पर सवार होकर पार्क में बाग की झलक पाने का आनंद उठाते हैं। हाथी बाघों से नहीं डरते इसलिए हाथी की सवारी पर्याप्त सुरक्षित और आनंददायक है।

51. दिल्ली वालों के लिए कार्बोट राष्ट्रीय उद्यान पहुँचना आसान क्यों है?
- (A) वे वायुयान से यहाँ पहुँच सकते हैं। (B) ये रेल से वहाँ जा सकते हैं।  
(C) वे सड़क से वहाँ जा सकते हैं। (D) वे पैदल वहाँ जा सकते हैं।
52. अप्रैल 1973 में कार्बोट राष्ट्रीय उद्यान से क्या प्रारम्भ किया गया ?
- (A) बाघ परियोजना (B) पहला राष्ट्रीय उद्यान  
(C) हाथी की सवारी (D) पक्षी उद्यान
53. कार्बोट राष्ट्रीय उद्यान में बाग के अलावा और कौन सा पशु देखा जा सकता है।
- (A) सिंह (B) घोड़ा (C) लकड़बघा (D) ऊँट
54. 'प्रजाति' शब्द का क्या अर्थ है?
- (A) विशेष (B) विविधता (C) किरन (D) पशु
55. हाथी पर सवारी कर के सैर करना क्यों सुरक्षित है?
- (A) बाघों को हाथी पसंद नहीं (B) हाथी बाघों से नहीं डरते  
(C) लोगों को हाथी पसंद होते हैं (D) हाथियों को कार्बोट उद्यान पसंद है।
56. 'जिसकी उपमा न दी जा सके' वाक्यांश के लिए उचित शब्द है
- (A) अनुपम (B) अपूर्व (C) अद्भुत (D) उधर
57. दो शब्दों के परस्पर मेल से बने तीसरे शब्द को कहते हैं
- (A) समास (B) संधि (C) व्याकरण (D) विकार
58. 'ढाक के तीन पात' मुहावरे का सही अर्थ चुनें
- (A) आलस करना (B) ऊटपटाँग काम करना  
(C) सदा एक सा (D) झगड़ा करना
59. 'अनिल' शब्द का पर्यायवाची चुनें
- (A) अनल (B) पवन (C) पावक (D) अनीक
60. सही संधि विच्छेद चुनें :
- तिरस्कार = \_\_\_\_\_ + \_\_\_\_\_
- (A) तिरस + कार (B) तिरः + कार (C) तिः + कर (D) तीर + कार



**Instruction:- Read the passage carefully and answer the questions (61 to 65) that follow:**

There are five people at our table, including myself. I've already learnt a great deal about them in the short time. We have been at sea, although we rarely meet except at meal times. First of all, there is Dr. Stone, my favourite, I must confess. He is a man of about sixty five, with grey hair and a humorous face. He gave up his practice a short while ago and is now travelling round the world before he retires to some quiet country village. During the day, he sits on the deck reading or else gazes out to sea through an old fashioned telescope.

Then there is "grandmother". I call her that because I cannot recall her name. In spite of, being a grandmother, she looks remarkably young, not more than forty five. She is on her way to visit a daughter who emigrated to Australia some years ago. Naturally she is very excited at the thought of seeing her again and her three grand children whom she has never seen.

Then there is a man I do not care for very much, engineer by the name of Barb. He has been on leave in England and is now returning to his work in Singapore. He seems to be full of energy; he swims or plays tennis, the best part of the day. I have never in my life met a man with such a loud laugh.

The other person who sits at our table is Mrs. Hunt. I have found out hardly anything about her. She is extremely quiet and rarely talks, except to consult the doctor about her children's various ailments. She is on her way to join her husband in India.

**61. Dr. Stone is travelling round the world \_\_\_\_\_**

- (A) since he retires (B) after he retires (C) still he retires (D) till he retires

**62. The narrator is fond of \_\_\_\_\_**

- (A) The 'grandmother' (B) Dr. Stone (C) Mrs. Hunt (D) Barb

**63. Barb is a person who is very \_\_\_\_\_**

- (A) lively (B) lazy (C) arrogant (D) cynical

**64. Mrs. Hunt is \_\_\_\_\_**

- (A) Laughable (B) foolish (C) extrovert (D) reserved

**65. Dr. Stone is seen \_\_\_\_\_**

- (A) reading (B) travelling  
(C) reading or gazing out to sea (D) sleeping

**(Q.66 & 67) Choose the best suited analogy of the given set from the following options (sets):**

**66. ABERRATION : ANOMALY**

- (A) Auspicious: Favourable (B) Cacophony: Euphony  
(C) Eclectic: Gifted (D) Fallow: Badly felt

**67. DETERIORATE : IMPROVE**

- (A) Feckless: Careless (B) Evanescent: Exigent  
(C) Hope: Hone (D) Obstinate: Tractable

**(Q.68 & 69) Identify parts of speech of the word available in brackets.**

**68. I saw a woman walking (along) the road.**

- (A) Adverb (B) Adjective (C) Preposition (D) Conjunction

**69. Still waters run (deep).**

- (A) Adverb (B) Adjective (C) Preposition (D) Conjunction



70. Tick the homophone below that is correct.  
My friends and I want to \_\_\_\_\_ across the lake.  
(A) sale (B) cell (C) sail (D) sell
71. Toy age refers to  
(A) Early Childhood (B) Late Childhood (C) Babyhood (D) All of these
72. Which of the following statement is not appropriate to motivation as a process  
(A) it keeps away from an unpleasant situation (B) it satisfies the person's biological needs  
(C) it helps in achieving a psychological ambition (D) it causes a person to move towards a goal
73. A child writes with his/her left hand and is comfortable doing things with it, she/he should be -  
(A) Discouraged (B) Made to write with the right hand  
(C) Allow his preference (D) Send to seek medical help
74. This of the following is NOT a sign of 'being gifted'?  
(A) Curiosity (B) Creativity  
(C) Poor relationship with peers (D) Interest in extra reading
75. Language of word is not necessary for  
(A) Imaginative Thinking (B) Conceptual Thinking  
(C) Associative Thinking (D) Perceptual Thinking
76. Character is developed by-  
(A) Will-power (B) Conduct and behavior  
(C) Morality (D) All of these
77. Students who ask questions in the class should be-  
(A) Advised to meet the teacher after the class  
(B) Encouraged to participate in the discussion in the class  
(C) Encouraged to continue asking questions  
(D) Encouraged to search answers independently
78. Emotional Adjustment of students is effective in-  
(A) Personality formation (B) Class-teaching (C) Discipline (D) All of the these
79. Black-board can be included in which group/category of teaching-aids?  
(A) Audio-aids (B) Visual aids (C) Audio-visual aids (D) None of the these
80. Arrange the following teaching process in order  
(i) relating the present knowledge with the previous knowledge  
(ii) evaluation  
(iii) re-teaching  
(iv) formulating objectives  
(v) presentation of materials  
(A) (i), (ii), (iii), (iv), (v) (B) (ii), (i), (iii), (iv), (v)  
(C) (v), (iv), (iii), (i), (ii) (D) (iv), (i), (v), (ii), (iii)
81. Respiration in living beings is a/an \_\_\_\_\_ reaction.  
(A) Exothermic (B) Endothermic (C) Photo-decomposition (D) Electro chemical
82. Newton's first law is also called as \_\_\_\_\_  
(A) Law of Movements (B) Law of Momentum (C) Law of Inertia (D) Law of energy
83. The important sugar in Honey is \_\_\_\_\_  
(A) Lactose (B) Fructose (C) Maltose (D) All of these



84. Carbon atom forms \_\_\_\_\_ bond with other carbon atoms.  
(A) Ionic (B) Metallic (C) Covalent (D) Hydrogen
85. Which is the largest flightless bird  
(A) Ostrich (B) Emu (C) Kiwi (D) Penguin
86. Which of the following statement is true?  
(A) 1 is not a prime number (B) 1 is a prime number  
(C) 1 is a composite number (D) 2 is not a prime number
87. What is the least common multiple (LCM) of the numbers 90, 60, 75 and 35  
(A) 2700 (B) 6300 (C) 4250 (D) 2750
88. The Place value of zero in 1341.01 is -  
(A) Hundreds (B) Tens (C) Units (D) Tenths
89. Three-fourth of the number of girls in a school is equal to half of the number of boys. If the school has 1420 pupils, how many of them are boys?  
(A) 852 (B) 720 (C) 568 (D) 284
90. Which of the following is NOT a parallelogram?  
(A) Square (B) Rectangle (C) Rhombus (D) Trapezium
91. Which of the following is smallest?  
(A)  $\frac{7}{9}$  (B)  $\frac{7}{10}$  (C)  $\frac{7}{11}$  (D)  $\frac{7}{12}$
92. 250 is divided into two parts in proportion 2 : 3 then the second part is  
(A) 100 (B) 125 (C) 150 (D) 175
93. The sum of numerator and denominator of a fraction is 14. If 1 is added to the numerator and 3 is subtracted from the denominator it becomes 1. The fraction is  
(A)  $\frac{3}{11}$  (B)  $\frac{9}{5}$  (C)  $\frac{1}{13}$  (D)  $\frac{5}{9}$
94. Which is not a prime number?  
(A) 101 (B) 103 (C) 137 (D) 141
95. Deepika obtained 285 marks out of 500. Percentage of marks scored by Deepika is  
(A) 27 % (B) 57 % (C) 55 % (D) 75 %
96. Ram can row downstream 20km in 2 hours, and the upstream 4km in 2 hours. What will be the speed of rowing in still water?  
(A) 6km/hr (B) 4km/hr (C) 3km/hr (D) 7km/hr
97. 8 girls and 12 boys can finish work in 10 days while 6 girls and 8 boys can finish it in 14 days. Find the time taken by the one girl alone that by one boy alone to finish the work.  
(A) 120, 130 (B) 140, 280 (C) 240, 280 (D) 100, 120
98. The sum of a two digit number and the number formed by interchanging its digit is 110. If ten is subtracted from the first number, the new number is 4 more than 5 times of the sum of the digits in the first number. Find the first number.  
(A) 46 (B) 48 (C) 64 (D) 84
99. What will be the solution of these equations  $ax + by = a - b$ ,  $bx - ay = a + b$   
(A)  $x=1, y=2$  (B)  $x=2, y=-1$  (C)  $x=-2, y=-2$  (D)  $x=1, y=-1$
100. Five years ago 'A' was thrice as old as 'B'. Ten years later 'A' shall be twice as old as 'B'. What is the present age of 'A'?  
(A) 20 (B) 50 (C) 60 (D) 40

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