



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) क्रेयशील

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



Numerical & Reasoning (10 × 1 = 10)

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

**Subject(s) Concerned (50 × 1 = 50)**



**51. The first step in conducting an experiment is**

- (A) To collect data (B) To setup a laboratory (C) To formulate a hypothesis (D) To interpret data

**52. If a child is afraid of school, he becomes**

- (A) Punctual (B) Regular (C) Obedient (D) Truant

**53. Moods are formed during**

- (A) Infancy (B) Adolescence (C) Adulthood (D) Childhood

**54. According to the Piaget, from 2 to 7 years of age, language is developed slowly and gradually this stage is called:**

- (A) Preoperational stage (B) Egocentric stage (C) Sensori-motor stage (D) None of these

**55. Speech like but meaningless sound appear between 3 months to one year is termed as:**

- (A) Syntax (B) Babble (C) Conversation (D) None of these

**56. What can occur if a person believes that a connection exists between an act and its consequences when there is no relationship between the two?**

- (A) Classical conditioning (B) Superstitious behavior (C) Sequential learning (D) None of these

**57. Sources of frustration include:**

- (A) Environmental lacks (B) Environmental obstacles (C) Incompatibles motives (D) None of these

**58. The adrenal hormones which also appear to function as neurotransmitters in the brain are:**

- (A) Dopamine and serotonin (B) Insulin and toblorone (C) Progesterone and testosterone (D) None of these

**59. The first two weeks of life are referred to as:**

- (A) The period of infancy (B) The preoperational stage (C) Early childhood (D) The neonatal period

**60. Spelling test - find correct spelling:**

- (A) Accoomodate (B) Accommodate (C) Accomodate (D) Accommodete

**61. Spelling test - find correct spelling:**

- (A) Aeroddrome (B) Aerodrome (C) Arodrome (D) Aerodromee

**62. Change the Speech: Sahil Sharma makes tea**

- (A) Tea is made by Sahil Sharma (B) Tea is made by the Sahil Sharma  
(C) Tea was made by Sahil Sharma (D) Tea has made by Sahil Sharma

**63. My father loves me.**

- (A) I loved my father (B) I was loved by my father  
(C) I were loved by my father (D) I am loved by my father.

**64. Abattoir**

- (A) A lonely place (B) A crowded place  
(C) A place where animals are slaughtered (D) A place where animals are given protection

**65. Crèche**

- (A) where children are cared (B) where old people are cared  
(C) where flowers are cared (D) where bees are cared

**66. The leader who allows complete freedom in decision making and do not participate in the group activities is**

- (A) Autocratic (B) Democratic (C) Laissez fair (D) none of these

**67. Which law of learning states that things most often repeated is best retained?**

- (A) Law of readiness (B) Law of exercise (C) Law of effect (D) Law of recency

**68. Please keep boxes carefully. (Which word is a common noun?)**

- (A) boxes (B) please (C) keep (D) carefully

**69. Select the correctly spelt Word-**

- (A) Cheqe (B) Ceque (C) Cheque (D) Chequee



70. Select the correctly spelt Word-

- (A) Insurgenci (B) Inssurgency (C) Inchurgency (D) Insurgency

71. The image formed in a compound microscope is

- (A) erect (B) inverted (C) sometimes erect & inverted (D) none

72. The lens used in a simple microscope is

- (A) Concave (B) Convex (C) Cylindrical (D) None

73. The elimination of toxic nitrogenous waste and excess water in man is by

- (A) Excretion (B) Circulation (C) Reproduction (D) Pollution

74. The S. I. unit of refractive index is

- (A) meter (B) cm (C) watt (D) no unit

75. The liquid metal is

- (A) Bismuth (B) Magnesium (C) Mercury (D) Sodium

76. Which of the following is not a primary colour?

- (A) Red (B) Blue (C) Green (D) Yellow

77. Endothermic reactions are those in which

- (A) Heat is evolved (B) Heat is absorbed (C) Temperature increases (D) Light is produced

78. Which colour of light is deviated least?

- (A) Red (B) Blue (C) Violet (D) Green

79. Acid present in gastric juice is

- (A) Hydrochloric Acid (B) Citric Acid (C) Sulphuric Acid (D) Acetic Acid

80. Which blood cells are called 'Soldiers' of the body?

- (A) WBC (B) Platelets (C) RBC (D) All of these

81. Who is regarded as the first teacher of a child?

- (A) Headmaster (B) Class-Teacher (C) Mother (D) Tutor

82. Sign of creative child is his/her

- (A) Intelligence (B) Good behavior (C) Creativity (D) Good memory

83. The raw material of thinking is

- (A) Symbols (B) Semantics (C) Man (D) Child

84. What is the unit of Heredity?

- (A) Chromosome (B) Gene (C) fertilized cell (D) Zygote

85. Which one of the following is an example of a fine motor skill?

- (A) Climbing (B) Hopping (C) Running (D) Writing

86. What are the values of x and y if,  $x + y = 5$ ,  $y^2 - x^2 = 15$

- (A)  $x=2$ ,  $y=3$  (B)  $x=1$ ,  $y=4$  (C)  $x=4$ ,  $y=1$  (D)  $x=0$ ,  $y=5$

87. What is the average of first 5 natural numbers?

- (A) 5 (B) 1.5 (C) 2.5 (D) 3

88.  $(5 + 5) + (5 \times 10) - (1 \times 3 \times 2 \times 5 \times 2)$

- (A) 3 (B) 2 (C) 5 (D) 0

89. The word "Pedagogy" means?

- (A) to guide the child (B) to lead the child (C) to educate the child (D) to understand the child

90. According to Jean Piaget, children develop abstract logic and reasoning skill during

- (A) Sensor motor stage (B) Preoperational stage  
(C) Formal operational stage (D) Concrete operational stage

91. The philosopher who for the first time mentioned the importance of play (or sports) in education was

- (A) Plato (B) Aristotle (C) Socrates (D) John Locke







92. Which from the following is NOT among the five senses?

- (A) Smell (B) vision (C) Touch (D) thought



93. The application of ideas, knowledge and skills to achieve the desired results is called

- (A) Critical thinking (B) Problem solving  
(C) deductive method (D) reasoned arguments

94. For an effective teaching, the teacher must be a subject matter expert that includes

- (A) command over the subject (B) the ability to convey knowledge  
(C) the ability to apply ideas from one discipline to another (D) all of the above

95. An assessment that is generally carried out at the end of a course to assign students a course grade is called

- (A) Formative assessment (B) Summative assessment  
(C) Diagnostic assessment (D) Contemporary assessment

निर्देश- दिये गए गद्यांश के आधार पर प्रश्नों (96-100) के उत्तर दीजिए –

भारतवर्ष अपनी चित्रकला, शिल्पकला और वास्तुकला के लिए पुरे विश्व में प्रसिद्ध है। आगरा में यमुना तट पर स्थित ताजमहल वास्तुकला का एक अद्भुत नमूना है। अपनी निर्माणकला के कारण ही यह विश्व के सात अजूबों में से एक है। सफेद संगमरमर से बने ताज की अनुपम सुंदरता को देखकर विदेशी पर्यटक दाँतों तले ऊँगली दबा लेते हैं। ताजमहल का निर्माण बादशाह शाहजहाँ ने अपनी बेगम मुमताज की याद में करवाया था। इसका निर्माण लगभग बीस हजार मजदूरों ने बीस वर्षों में किया था। ताजमहल के प्रवेश द्वार पर लाल पत्थर लगे हैं, जिन पर पवित्र कुरान की आयतें खुदी हुई हैं। ताज के गुंबद और मीनारें दूर से ही दिखाई देते हैं। ताजमहल संगमरमर के एक भव्य चबूतरे पर बना है। इसके चारों कोनों पर संगमरमर की चार मीनारें हैं। शरद पूर्णिमा की चाँदनी रात में ताज ऐसा प्रतीत होता है, मानो दूध से नहाया हुआ है। अपनी सुंदरता और कारीगरी के कारण यह पूरे विश्व में प्रसिद्ध है।

96. भारतवर्ष किस बात के लिए प्रसिद्ध है?

- (A) चित्रकला, शिल्पकला और मिठाईयों (B) सूचना प्रौद्योगिकी  
(C) चित्रकला, शिल्पकला और वास्तुकला (D) लोक नृत्य

97. ताजमहल के प्रवेश द्वार की क्या विशेषता है?

- (A) सुंदर शीशे लगे हैं (B) लाल पत्थर लगे हैं (C) सफेद पत्थर लगे हैं (D) लाल पताका लगी है

98. ताजमहल कौनसी नदी के तट पर स्थित है?

- (A) सरस्वती (B) गंगा (C) यमुना (D) यमुना व गंगा का संगम

99. इसका निर्माण लगभग \_\_\_\_\_ मजदूरों ने \_\_\_\_\_ में किया था।

- (A) 20 हजार, 20 वर्षों (B) 20 हजार, 30 वर्षों (C) 30 हजार, 20 वर्षों (D) 20 लाख, 20 वर्षों

100. अपनी \_\_\_\_\_ के कारण ही यह विश्व के \_\_\_\_\_ अजूबों में से एक है।

- (A) भव्यता, सत्रह (B) पवित्रता, सात (C) गुंबदों, सात (D) निर्माणकला, सात

