PAPER I - MATHEMATICS, GK AND LANGUAGE

KASTH-VI CLASS - VI

0068471

Max. Marks: 250

INSTRUCTIONS

1. This question paper contains of THREE sections and you have to answer all questions in the OMR answer sheet. Section "A" Mathematics contains 50 questions of 3 marks each, Section "B" GK and 'C' Language contains 25 questions of 2 marks each respectively. Section C is Language specific and is to be attempted in the chosen language.

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Section A - Mathematics

1. If the square of a number is added to the square of 28 the result is 1808. What is the number?
   (a) 66 (b) 50 (c) 32 (d) 16

2. If area of rectangular garden of 5m breadth is 300 sq. m, then what will be the length of garden?
   (a) 60 m (b) 70 m (c) 80 m (d) 90 m

3. A man covers a distance of 40km. He covers first 10km at 10km/h, second 10 km at 20km/h, third 10km at 30km/h and last 10km at 40km/h. What is the average speed of man?
   (a) 18.2 km/h (b) 19.2 km/h (c) 19.0 km/h (d) 16.2 km/h

4. The average weight of 6 boys gets increased by 5kg if a boy with weight 20kg is replaced by a new boy. What is the weight of new boy?
   (a) 41 kg (b) 50 kg (c) 65 kg (d) 49 kg

5. A table was purchased at Rs 1000 and was sold at Rs 800. What was gain or loss% in this transaction?
   (a) 5% (b) 10% (c) 20% (d) 30%

6. A milkman has two cans of milk containing 75 litres and 45 litres of milk respectively. What will be the measure of largest vessel that can measure the milk of the two cans exactly?
   (a) 12 litres (b) 18 litres (c) 15 litres (d) 10 litres
7. What is the least multiple of 23 which when divided by 18, 21 and 24 leaves remainders 7, 10 and 13 respectively?
(a) 1240 (b) 3013 (c) 2364 (d) 7628

23 का ऐसा सबसे छोटा गुणज जिसे 18, 21 और 24 से भाग देने पर शेष 7, 10 और 13 है वह है?
(a) 1240 (b) 3013 (c) 2364 (d) 7628

8. Four clocks rings at the time interval of 6s, 8s, 12s and 18s respectively. If they ring together at 12 am then how many times will they ring together within the time span of 6 minutes?
(a) 6 times (b) 4 times (c) 7 times (d) 5 times

चार घडियाँ 6, 8, 12 और 18 सेकंड के अंतर पर बजती हैं। यदि वे बारह बजे एक साथ बजना प्रारंभ करती हैं तो 6 मिनट के अंतर वह कितनी बार एक साथ बजेंगी?
(a) 6 बार (b) 4 बार (c) 7 बार (d) 5 बार

9. The LCM of two numbers is 28 times of their HCF. The sum of their LCM and HCF is 1740. If one number is 240 then what is the other number?
(a) 420 (b) 460 (c) 500 (d) 380

दो संख्याओं का ल.स. उनके म.स. का 28 गुना है। उनके ल.स. और म.स. का योग 1740 है और उनमें से एक संख्या 240 है तो दूसरी संख्या क्या है?
(a) 420 (b) 460 (c) 500 (d) 380

10. Ashu takes 12 days to complete the work. Pranav takes 10 days to complete the same work. Ashu, Pranav and Ramu take 5 days to complete the same work. How many days will Ramu take to complete the same work?
(a) 70 days (b) 90 days (c) 60 days (d) 50 days

आशु एक काम को 12 दिन में कर सकता है। प्रनव उसी काम को 10 दिन में कर सकता है। आशु, प्रनव एवं रामू तीनों मिलकर उस काम को 5 दिन में पूरा कर सकते हैं तो रामू उस काम को कितने दिन में करेगा?
(a) 70 दिन (b) 90 दिन (c) 60 दिन (d) 50 दिन

11. A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer?
(a) 87555 (b) 65124 (c) 72360 (d) 65000

एक विद्यार्थी ने 7236 को 56 के बदले 65 से गुणा कर दिया। उसका उत्तर असल उत्तर से कितना मिलना है?
A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer?
12. Simplify: \( 1 + \left( \frac{1}{2} + \frac{1}{3} + \frac{1}{6} \div \left( \frac{3}{4} - \frac{1}{3} \right) \right) \)

(a) \( \frac{30}{37} \)  
(b) \( \frac{37}{30} \)  
(c) \( \frac{15}{37} \)  
(d) \( \frac{15}{30} \)

13. Find the perimeter of the following figure

(a) 15 cm  
(b) 15 cm²  
(c) 16 cm  
(d) 25 cm²

14. A floor is 5 m long and 4 m wide. A square carpet of side 3 m is laid on the floor. Find the area of the floor that is not carpeted.

(a) 21 m²  
(b) 29 m²  
(c) 11 m²  
(d) 21 cm²

15. Cost of a dozen pens is ₹ 180 and cost of 8 ball pens is ₹ 56. The ratio of the cost of a pen to the cost of a ball pen is?

(a) 15:7  
(b) 180:56  
(c) 1:1  
(d) 8:15

16. A truck requires 108 litres of diesel for covering a distance of 594 km. How much diesel will be required by the truck to cover a distance of 1650 km?

(a) 3000 litres  
(b) 108 litres  
(c) 300 litres  
(d) 165 litres

17. Find the simple interest on ₹ 5000 at the rate of 7\(\frac{1}{2}\)\% for a period of 3 years

(a) ₹ 5000  
(b) ₹ 6125  
(c) ₹ 2000  
(d) ₹ 1125

18. The angles of a triangle are in the ratio of 1:2:3. Find the values of the angles

(a) 30, 60, 90  
(b) 15, 45, 120  
(c) 60, 60, 60  
(d) 45, 45, 90
19. One number exceeds another number by 36. The sum of numbers is 48 then the numbers are
(a) 40, 08 (b) 36, 12 (c) 42, 06 (d) 32,16

20. At which one of the following times is the angle between the hands of a clock exactly one straight angle?
(a) 12 AM (b) 12 PM (c) 9.15 AM (d) 6 AM

21. Find out the smallest number which is divisible by 6, 12, 18
(a) 360 (b) 180 (c) 120 (d) 60

22. Which of the following measures of angles given can be those of an isosceles triangle
(a) 90, 45 (b) 60, 30 (c) 120, 40 (d) 90, 50

23. The length of a rectangle is 5 cm more than its breadth. If the perimeter of the rectangle is 50 cm than what is the area.
(a) 150 cm² (b) 250 cm² (c) 900 cm² (d) 800 cm²

24. 12 persons can finish a piece of work in 15 days. In how many days will the same work be completed by 20 persons?
(a) 15 days (b) 9 days (c) 30 days (d) 20 days

25. The LCM of two prime numbers is
(a) difference (b) product (c) sum (d) none of the above

26. In a School of 1000 students, 330 come by bus, 400 come walking and the remaining are dropped by parents. What is the percentage of students that do not ride the bus to school.
(a) 67% (b) 27% (c) 50% (d) 33%
27. A train from Station A to Station B covers a distance of 616km at a uniform speed of 112km/hr. It Halts at Station B for 1 hour before starting back. How much time will it take to complete the journey and reach back to Station A (i.e. from A to B and back)
(a) 11 hours (b) 12 hours 45 minutes (c) 12 hours (d) 5 hours 30 minutes

28. A table was sold at 16% loss for $3360. Find the cost price of the table
(a) $4000 (b) $3392 (c) $3600 (d) $4296

29. There are 17 rooms in a school, every room has two fans and four LED bulbs. How many switches are required for the school if every fan requires a switch and one switch is required for every two bulbs?
(a) 34 (b) 68 (c) 102 (d) 17

30. The product of two decimal numbers is 12.194. If one of them is 4.69 what is the other number?
(a) 7.6 (b) 2.6 (c) 9.8 (d) 4.8

31. Rahul purchases a chair for $600 and uses $200 for repairs. If he sells it for $1000 then he has:
(a) no profit no loss (b) 25% loss (c) 25% profit (d) cannot be calculated

32. The temperature dropped 15 degree celsius in the last 30 days. If the rate of temperature drop remains the same, how many degrees will the temperature drop in the next ten days?
(a) 10 degrees (b) 5 degrees (c) 20 degrees (d) 15 degrees
From a basket of mangoes when counted in twos there was one extra, counted in threes there were two extra, counted in fours there were three extra, counted in fives there were four extra, counted in sixes there were five extra. But counted in sevens there were no extra. At least how many mangoes were there in the basket?

(a) 119  (b) 110  (c) 111  (d) 126

34. कौनसी दो अंको की संख्या जब 27 से जोड़ी जाती है तो उसके अंको की जगह उलटी हो जाती है, जात कीजिये।
Which of the following two digit number when added to 27 gets reversed?

(a) 27  (b) 24  (c) 47  (d) 70

35. राधा की आय व्यय का अनुपात 7:5 है। अगर वो महीने में 2000 बचाती है तो उसकी सालाना आय कितनी है?

The ratio of income to expenditure of Radha is 7:5. If she saves ₹ 2000 a month, what is her annual income?

(a) ₹ 144000  (b) ₹ 60000  (c) ₹ 95000  (d) ₹ 84000

36. एक आयताकार आकार के लॉन की लंबाई चौड़ाई का अनुपात 3:5 है। उसमे बाद लगाने में ₹ 3200 का

The ratio of the length to breadth of a rectangular lawn is 3:5. It costs ₹ 3200 to fence it at the rate of ₹ 2 a meter. What would be the cost of developing the lawn at the rate of ₹ 10 per square meter?

(a) ₹ 18,00,000  (b) ₹ 15,00,000  (c) ₹ 19,00,000  (d) ₹ 21,00,000

37. A, B और C एक रकम को आपस में 4:7:9 के अनुपात में बांटते है। अगर B का हिस्सा ₹ 2989 है

A, B and C divide an amount amongst themselves in the ratio of 4 : 7 : 9 respectively. If B's share in the amount is ₹ 2989 what is the total amount.

(a) ₹ 9820  (b) ₹ 8540  (c) ₹ 2720  (d) ₹ 8640

38. एक कक्षा के 40 छात्रों की औसत आयु 18 वर्ष है, जब एक अध्यापक को सम्मिलित किया जाता है तो

The average age of a class of 40 students is 18 years. When the teachers age is also included to calculate the average age becomes 19 years. What is the teacher's age?

(a) 59 years  (b) 69 years  (c) 49 years  (d) 39 years
39. What is the greatest number which when divides 3026 and 5053 leaves remainders 11 and 13 respectively?
(a) 15  (b) 30  (c) 45  (d) 60
3026 तथा 5053 को भाग देने पर क्रमशः 11 तथा 13 शेष बचे?
(a) 15  (b) 30  (c) 45  (d) 60

40. Ravi purchased a chair at Rs 500 and sold it at Rs 550. What was his gain or loss percent?
(a) 10%  (b) 20%  (c) 30%  (d) 40%
रवि ने 500 रुपये की कुच्छी करीब बोटिये और इसे 550 रुपये पर बेचा।उसका लाभ या हानि प्रतिशत क्या था?
(a) 10%  (b) 20%  (c) 30%  (d) 40%

41. A certain distance is being covered in 28 hours by walking with a speed of 5km/h. If the speed is increased by 2 km/h then in how much time the same distance will be covered?
(a) 30 hours  (b) 15 hours  (c) 20 hours  (d) 25 hours
स्थिर की दूरी 28 घंटे में चलने पर किसी दूरी को 28 घंटे में पूरा किया जा सकता है।यदि गति 2 किमी/घंटा बढ़ा दी जाए तो यह दूरी कितने समय में पूरी हो जाएगी?
(a) 30 घंटे  (b) 15 घंटे  (c) 20 घंटे  (d) 25 घंटे

42. A piece of wire 7/8 meter long broke into two pieces. One piece was 1/4 meter long. How long is the other piece?
(a) 4/8m  (b) 5/8m  (c) 6/8m  (d) 7/8m
twar की एक चोटी 7/8 मीटर लंबी दो चोटियों में टूट गई।एक चोटी 1/4 मीटर लंबी थी।दूसरी चोटी कितनी लंबी है?
(a) 4/8 मीटर  (b) 5/8 मीटर  (c) 6/8 मीटर  (d) 7/8 मीटर

43. What is the missing number in the sequence 2, 5, 10, 14, 18, 23, 26, 32...?
(a) 33  (b) 34  (c) 36  (d) 37
श्रेणी 2,5,10,14,18,23,26,32...में कुप्त पद क्या है?
(a) 33  (b) 34  (c) 36  (d) 37

44. 30 men can do a piece of work in 16 days. In how many days 8 men can do the same work?
(a) 30 days  (b) 40 days  (c) 50 days  (d) 60 days
30 आदमी किसी काम को 16 दिन में समाप्त करते हैं।8 आदमी कितने दिन में समाप्त कर सकते हैं?
(a) 30 दिन  (b) 40 दिन  (c) 50 दिन  (d) 60 दिन

45. Ram, Shyam and Mohan runs at speed of 75, 50 and 30 m/minute respectively. After how much time will they meet together for the first time running with the same speed?
(a) 5 hours  (b) 2 hours  (c) 3 hours  (d) 5/2 hours
राम, श्याम, मोहन क्रमशः 75, 50 एवं 30 मीटर प्रति मिनट की चाल से दौड़ते हैं।दौड़ते हुए पहली बार वह कितनी देर बाद आपस में मिलेंगे?
(a) 5 घंटे  (b) 2 घंटे  (c) 3 घंटे  (d) 5/2 घंटे
46. Represent 26kg 5 gram using concept of decimals.
   (a) 26.05kg  (b) 26.005kg  (c) 26.5kg  (d) 26.0005kg
   दशमलव की अवधारणा का उपयोग कर 26 किलो 5 ग्राम का प्रतिनिधित्व करें।
   (a) 26.05किलोग्राम  (b) 26.005किलोग्राम  (c) 26.5किलोग्राम  (d) 26.0005 किलोग्राम

47. At what rate, a sum of Rs 6000 will amounts to Rs 7800 in 5 years?
   (a) 3%  (b) 4%  (c) 5%  (d) 6%
   किस दर पर, 6000 रुपये की राशि 5 साल में 7800 रुपये होगी?
   (a) 3%  (b) 4%  (c) 5%  (d) 6%

48. What will be the depth of a cubical pond whose volume is 729m³?
   (a) 9m  (b) 6m  (c) 8m  (d) 5m
   उस घनाकार जलाशय की गहराई कितनी होगी जिसका आयतन 729 घन मीटर है?
   (a) 9 मीटर (b) 6 मीटर (c) 8 मीटर (d) 5 मीटर

49. Evaluate
   \[3x7 + 4-6 + 3-7 + 45 ÷ 5x4 + 49\]
   (a) 101  (b) 103  (c) 99  (d) 35
   मूल्यांकन करें
   \[3x7 + 4-6 + 3-7 + 45 ÷ 5x4 + 49\]
   (a) 101  (b) 103  (c) 99  (d) 35

50. In what time a train whose length is 100m moving with a speed of 60km/h crosses a platform whose length is 150m?
   (a) 15s  (b) 14s  (c) 18s  (d) 20s
   60 किमी. प्रति घंटा गति से चल रही ट्रेन जिसकी लंबाई 100 मीटर है एक 150 मीटर लंबे प्लेटफॉर्म को कितने समय में पार कर लेगी?
   (a) 15 सेकेंड (b) 14 सेकेंड (c) 18 सेकेंड (d) 20 सेकेंड
51. Which among of the following is not an Indian Sport?
(a) Kabbadi  (b) Kho-Kho  (c) Hockey  (d) Rugby

52. Who is known as 'Iron man' of India?
(a) Jawaharlal Nehru  (b) Mahatma Gandhi  (c) Sardar Patel  (d) Subhas Chandra Bose

53. Deficiency of Iodine causes?
(a) Goitre  (b) Malaria  (c) Cataract  (d) Scurvy

54. Hirakund dam is built on the river?
(a) Cauvery  (b) Mahanadi  (c) Krishna  (d) Sutlej

55. 1024 Kilobytes is equal to?
(a) 8 Bits  (b) 1 Megabyte (MB)  (c) 1 Gigabyte (GB)  (d) 1 Byte

56. Those who study things that were made and used in the past these people are called
(a) Biologist  (b) Archaeologists  (c) Geologist  (d) Doctor

57. What is the ratio of width to the length of National Flag of India?
(a) 4:5  (b) 2:3  (c) 1:1  (d) 5:6
58. वाघ-सीमा कहां स्थित है?
Where is Wagah-Border located?
(a) लोंगवाला, राजस्थान Longewala, Rajasthan  (b) मोरेह, मणिपूर Moreh, Manipur
(c) रंगुलात रान्न फ कुच, गुजरात Rann of Kutch, Gujarat  (d) अमृतसर, पंजाब Amritsar, Punjab

59. परम वीर चक्र (पीवीसी) पुरस्कार विजेताओं की निम्नलिखित सूची में से जिन्हें कारगिल युद्ध के दौरान पीवीसी से सम्मानित किया गया था?
Out of the following list of Param Vir Chakra (PVC) Awardees who was awarded with PVC during Kargil War?
(a) लेफ्टिनेंट कॉनेन्ड अर्देशिर बुजुर्जी तारापुर Lt Col Ardeshir Burzorji Tarapore
(b) लेफ्टिनेंट अरुण खेतरपाल 2/Lt Arun Khetarpal
(c) कैप्टन विक्रम बटा Capt Vikram Batra
(d) मेजर सौमनाथ शर्मा Maj Somnath Sharma

60. निम्नलिखित में से किस राज्य ने संस्कृत को आधिकारिक भाषाओं में से एक के रूप में अपनाया है?
Which state among the following has adopted Sanskrit as its one of the official languages?
(a) हिमाचल प्रदेश Himachal Pradesh  (b) उत्तराखंड Uttarakhand
(c) राजस्थान Rajasthan  (d) उत्तर प्रदेश Uttar Pradesh

61. भारत के वर्तमान उपराष्ट्रपति कौन है?
Who is the current Vice-President of India?
(a) श्री नरेंद्र मोदी Shri Narendra Modi  (b) श्री वेंकैया नायडू Shri Venkiah Naidu
(c) श्री अरुण जेल्ली Shri Arun Jaitley  (d) श्री राम नाथ कोविंद Shri Ram Nath Kovind

62. बच्चों और उनकी बीमारियों में विशेषज्ञता रखने वाला एक चिकित्सक कौन है?
A medical practitioner specializing in children and their diseases
(a) ज्योतिषीय गैस Geologist  (b) पैडियोलॉजिस्ट Paediatrician
(c) कार्डियोलॉजिस्ट Cardiologist  (d) न्यूरोलॉजिस्ट Neurologist

63. एक समूह के एक साथ की क्या कहा जाता है?
A group of stars is called a
(a) सौर प्रणाली Solar system  (b) कॉंस्टेल्स Constellations
(c) यह Planets  (d) धुंधकेतु Comets

64. कार्बन डाइऑक्साइड एवं लक्टेस्ट ऑक्साइड के बीच क्या का सबसे लगातार लक्ष्य?
Which gas when solidified is commonly known as Dry ice?
(a) कार्बन डाइऑक्साइड Carbon monoxide (b) नाइट्रोजन Nitrous oxide
(c) कार्बन डाइऑक्साइड Carbon Dioxide  (d) एस्ट्रीजन पेरोक्साइडHydrogen peroxide
65. The members of the Rajya Sabha can have a maximum tenure of how long?
(a) Five years (b) Six years (c) Seven years (d) Two years

66. P Gopichand is associated with which Sport?
(a) Badminton (b) Cricket (c) Football (d) Hockey

67. Which of the following company does not sell mobiles?
(a) Apple (b) BSNL (c) HP (d) Sony

68. A vehicle capable of travelling over land and water is called
(a) Hovercraft (b) Rovercraft (c) Mowercraft (d) Car

69. The space programme of Government of India is looked after
(a) ISBT (b) NTRO (c) NABARD (d) ISRO

70. The Motto of the Indian Navy is
(a) Sarvatra Sarvottama Suraksha (b) Sham No Varuna (c) Valour and Wisdom (d) Sparsh Dibptam

71. Which is the largest gland in human body?
(a) Salivary gland (b) lungs (c) liver (d) stomach

72. Who has written 'Sare Jahan Se Acha'?
(a) Rabindra Nath Tagore (b) Bankim Chandra Chatterjee (c) Muhammad Iqbal (d) Subash Chandra Bose
73. Which is the deepest ocean?
(a) Indian Ocean (b) Arctic Ocean (c) Antarctic Ocean (d) Pacific Ocean

74. Who fixes the salaries and the allowances of the Speaker of Lok Sabha?
(a) Council of Ministers (b) President (c) Parliament (d) Judge of Supreme Court

75. Which article of constitution provides Indian citizen 'Right To Equality'?
(a) Article 12 (b) Article 13 (c) Article 17 (d) Article 14

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SECTION C – LANGUAGE

(Only for those attempting English Language)

76. Did you apply ____________ this post? (Supply the correct preposition)
(a) To (b) At (c) For (d) Of

77. You should take care ____________ your health (supply the correct preposition)
(a) Of (b) In (c) At (d) To

78. He is rich ____________ he is not happy (supply the correct conjunction)
(a) Yet (b) Though (c) Because (d) But

79. Work hard ____________ you will fail (supply the correct conjunction)
(a) Or (b) Still (c) Because (d) Either

80. The child ____________ for two hours (select the correct form of verb)
(a) Has been sleeping (b) Have been sleeping (c) Has slept (d) Will sleep
Read the following passage and answer the questions (Question 81 to 85).

From far out in space, Earth looks like a blue ball. Since water covers three-fourths of the Earth’s surface, blue is the colour we see most. The continents look brown, like small islands floating in the huge, blue sea. White clouds wrap around the Earth like a light blanket. The Earth is shaped like a sphere, or a ball. It is 25,000 miles around! It would take more than a year to walk around the whole planet. A spaceship can fly around the widest part of the sphere in only 90 minutes.

Even though spaceships have travelled to the Moon, people cannot visit the Moon without special suits. The Moon has no air or water. Plants and animals can’t live there either. Astronauts first landed on the Moon in 1969. After that, there were six more trips to the Moon. They brought back Moon rocks, which scientists are still studying. There are holes, or craters, all over the Moon’s surface. Scientists believe that meteorites smashed into the Moon millions of years ago and formed the craters.

The Sun is the closest star to Earth. A star is a hot ball of burning gas. The Sun looks very big because it is so close. But the Sun is just a medium-sized star. Billions of far-away stars are much bigger than our Sun. The burning gases from the Sun are so hot that they warm the Earth from 93 million miles away! Even though the Sun is always glowing, the night here on Earth is dark. That’s because the Earth rotates, or turns around, every 24 hours. During the day, the Earth faces the Sun. Then we see light. During the night, the Earth turns away from the Sun. Then it faces the darkness of space. Each day we learn more about the Earth, the Moon, and the Sun.

81. Why is blue the colour we see most when looking at Earth from outer space?
   (a) Because most of the Earth is covered in land.
   (b) Because the Sun’s rays make the Earth look blue.
   (c) Because most of the Earth is covered in water.
   (d) Because clouds wrap around the Earth.

82. What does ‘formed’ mean?
   (a) hit
   (b) made
   (c) broke
   (d) stopped

83. What causes daylight on Earth?
   (a) The full Moon causes daylight
   (b) Daylight is caused by the Earth facing away from the Sun.
   (c) The heat of the Sun’s rays causes daylight.
   (d) Daylight is caused by the Earth facing toward the Sun.

84. Which of the following sentences BEST describes the Sun?
   (a) The Sun looks small because it is so far from Earth
   (b) The Sun is a ball of burning gases that gives the Earth heat and light.
   (c) The Sun is a small star.
   (d) The Sun is not as hot as it looks.

85. Why did the astronauts bring rocks back from the Moon?
   (a) Because they didn’t know if they would return to the Moon ever again.
   (b) Because they wanted to prove that they went to the Moon.
   (c) Because they wanted to remember how the Moon looked.
   (d) Because they wanted to study them and learn more about the Moon.

Choose the most appropriate option given against each question.
86. Which word means nearly the same as "scream"?
(a) find  (b) stop  (c) sell  (d) shout

87. Which word means nearly the same as "happy"?
(a) conditions  (b) disgusted  (c) content  (d) ambitious

Choose the appropriate options to complete the sentences

88. The men are working. Their ---- are at home.
(a) wife  (b) husbands  (c) husband  (d) wives

89. Rahul works less ---- than Mohan.
(a) carefully  (b) more careful  (c) careful  (d) careful as

90. It ---- all day long yesterday.
(a) was rained  (b) raining  (c) rained  (d) has rained

Rearrange the following words/groups of words to make meaningful sentences. Choose the correct sequence given in the options.

91. quite happy / i was/ the first prize/ to receive.
A B C D
(a) BADC  (b) ABCD  (c) DCBA  (d) BACD

92. protect/ we must / natural resources /our.
A B C D
(a) ABCD  (b) BADC  (c) ACDB  (d) DCAB

Choose the appropriate option to fill in the blanks:

93. One who leads an austere life
(a) Ruler  (b) Auditor  (c) Ascetic  (d) Carpenter

94. A person who presents a radio/television programme.
(a) Director  (b) Actress  (c) Actor  (d) Anchor

95. Pick the gender of 'Lad'
(a) Lass  (b) Queen  (c) Woman  (d) Dame

96. Choose the gender of 'Fox'
(a) Filly  (b) Goose  (c) Witch  (d) Vixen

97. ________ always stood third in her class (supply the correct pronoun)
(a) You  (b) They  (c) He  (d) She

98. All the candidates should bring ________ own pen (supply the correct pronoun)
(a) Everyone  (b) They  (c) Nobody  (d) Their

99. Experience is the ________ teacher (supply the correct adjective)
(a) Better  (b) Good  (c) Best  (d) Great

100. ________ a beautiful scene it is ! (pick up the correct adverb)
(a) What  (b) How  (c) Always  (d) Never
भाग 'ग' - भाषा(केवल हिंदी भाषा में परीक्षा देने वालों के लिए)

प्रश्न के आगे दिए गए विकल्पों में से उपयुक्त विकल्प का चयन कीजिए:

76. सब कुछ जानने वाला
   (a) सर्वज्ञानी  (b) सर्वज्ञ  (c) सर्वहृदय  (d) सर्वदर्शी

निम्न शब्द के लिए सही विपरीतार्थक शब्द (विकल्प) का चयन कीजिए:

77. नूतन
   (a) पुरातन  (b) प्राचीन  (c) अवर्तीन  (d) पुराना

निम्नलिखित शब्दों के लिए सही संधि-विचित्र (विकल्प) का चयन कीजिए:

78. सच्चरित्र
   (a) सत+चरित्र  (b) सत+चरित्र  (c) सत्य+चरित्र  (d) सच्चा+चरित्र

79. निराधार
   (a) निरा+आधार  (b) निर+आधार  (c) निर+आधार  (d) निर+आधार

निम्नलिखित शब्द में प्रयुक्त 'उपसर्ग' के सही विकल्प का चयन कीजिए:

80. संकलन
   (a) संक  (b) सम  (c) सम्  (d) सम

निम्नलिखित अनुच्छेद पढ़ें और सवालों(प्रश्न 81 से 85 तक) का जवाब दें।

निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के लिए उपयुक्त विकल्प चुनिए- मनुष्य अनुकरणशील प्राणी है। अतः आस-पास के लोगों से एवं सहयोगी सेवकों से कार्य सीखता है। किसी मनुष्य की प्रकृति क्या है, उसके स्वभाविक गुण क्या हैं, उसका नैतिक, आध्यात्मिक और सामाजिक चरित्र कैसा है, इस विषय में उसकी आश्रयपति है, इन सभी वातों का जान हमें उसकी संगति से होता है। किसी महापुरुष का कथन है कि यदि किसी को भिन्न एवं सुझाव बनाना हो तो उसके सहयोगी को देखना चाहिए। अतः उसके संगी कौन हैं, भिन्न कौन हैं, इससे ही उसका परिणाम भिन्न होता है। सुझावित एक ऐसी पारंपरिक है जो लोगों को भी सोना बनाने की शक्ति भक्ति है। चंदन के समीप रहने से आसपास के कुप्रती भी सुगंधित हो जाते हैं। दूध के साथ पानी भी उसी मूल्य में विकसित है। मिलकर बुद्धि गर्मी तवे पर झड़े तो वह तत्क्षण भिन्न जाएगी। यदि संस्कृति से यहीं बुद्धि सीप के मुख में गिरे तो वह उजालसमग्न बनेगी। यही सत्संग की महत्ता है।

81. मनुष्य अपना अधिकार करना कहाँ से सीखता है?
   (a) प्रकृति से  (b) समाज से  (c) अपने व्यवहार से  (d) अपने जीवन से

82. मनुष्य कैसा प्राणी है?
   (a) आध्यात्मिक  (b) नैतिक  (c) अनुकरणशील  (d) जानी
83. सूक्ष्मति पारसमणि के समान क्यों है?
(a) क्योंकि इससे बुध भी अच्छा बन जाता है (b) यह लोहे को सोना बना देती है
(c) इससे व्यक्ति जानवान बनता है (d) यह व्यक्ति को समृद्ध बना देती है

84. महापुरुष किस समास का उदाहरण है?
(a) अव्ययिन्याव समास (b) तत्पुरुष समास
(c) कमधाराय समास (d) दूर्वासु समास

85. ‘सहंग’ का क्या अर्थ है?
(a) साथ चलने/रहने वाला (b) साथ काम करने वाला
(c) साथ पढ़ने वाला (d) साथ खाने वाला

प्रत्येक प्रश्न के आगे दिए गए विकल्पों में से उचित विकल्प चुनें
86. निम्न में से कौनसा शब्द ‘संसार’ शब्द का प्रयायवाची नहीं है?
(a) विश्व (b) लोक (c) जगत (d) भूजग

87. निम्न में से कौनसा शब्द ‘वृक्ष’ शब्द का प्रयायवाची नहीं है?
(a) आत्मज (b) तरु (c) दरखत (d) शाक्षी

88. ‘कड़’ शब्द का विलोम रूप है:
(a) मीठा (b) मिठाई (c) मिश्नान (d) मधु

89. ‘संक्षिप्त’ शब्द का विलोम रूप है:
(a) संक्षेप (b) व्यापक (c) विस्तार (d) विस्तृत

निम्न वाक्यों /शब्द समूह के लिए दिए गए विकल्पों में से उचित शब्द का चुनाव करें
90. भलाई चाहने वाला.
(a) हितेश (b) चितित (c) दयालु (d) पारखी

91. दुसरे देश से अपने देश में सामान आना.
(a) निर्यात (b) विक्यात (c) आयात (d) पत्रपत्र

92. जहाँ पहुँचा न जा सके
(a) उपकृत (b) निराकार (c) अक्षम्य (d) अनाम्य

सार्थक वाक्य बनाने के लिए शब्दों के निम्नलिखित शब्दों / समूहों का पुनर्वर्तित करें। विकल्पों में दिए गए सही अनुक्रम का पहचान करें
93. गलतियों/ हमें अपनी/ चाहिए/को सुधाराना
A B C D
(a) BADC (b) ABCD (c) DCBA (d) BACD
94. बाद भारतीय सेना के/ स्वतंत्रता प्राप्तके/ वीरतापदकोकी पुनस्थापक कीमत/ सभीरकोंके लिए अपनेके/ A B C D
(a) ABCD (b) BADC (c) ACDB (d) DCAB

दिए गए शब्दों की सही वर्तनी के साथ विकल्प को चिह्नित करें:
95. (a) इकलोता (b) एकलोता (c) ईकलोता (d) ऐकलोता
96. (a) संतुष्ट  (b) शंतुष्ट  (c) शंतुशल  (d) रत्नुष्ट
रिक्त स्थान भरने के लिए उपयुक्त विकल्प चुनें:
97. शीघ्र नष्ट होने वाला
(a) क्षम्य  (b) वायाल  (c) कषणभंगुर  (d) जिज्ञासु
98. दूसरों की बातों में दखल देना
(a) अत्याचार  (b) अधिकार  (c) हितेश्वी  (d) हस्तक्षेप
प्रत्येक प्रश्न के आगे दिए गए विकल्पों में से उचित विकल्प का चयन कीजिए:
99. लिम्न में से कौनसा शब्द 'अमूर्त' का पर्यायवाची नहीं है?
(a) सुधा  (b) अमी  (c) अमिय  (d) लुधा
100. लिम्न में से कौनसा शब्द 'हिरण' का पर्यायवाची नहीं है?
(a) मृग  (b) कुरंग  (c) मृगाक  (d) सांग
निर्देश
INSTRUCTIONS

1. This paper contains 25 questions of 2 marks each.
   इस प्रश्न-पत्र में 25 प्रश्न हैं, प्रत्येक प्रश्न के लिए 2 अंक हैं।

2. Write your answers in Blue/Black ink only in the given OMR sheet. Do not use pencil
   अपने उत्तर की लिखित सहायता पेरोल ब्लू या ब्लू फैशन से ओएम आर उत्तर पुस्तिका भरें। पेंसिल का प्रयोग न करें।

3. There are total 12 pages in the question paper.
   कार्य पृष्ठ की लिखित करें, इस प्रश्न पत्र में कुल 12 पृष्ठ हैं।
101. Which figure among the four alternatives A, B, C and D would replace the question mark in figure 'X'? 

| X | A | B | C | D |

102. Find out the figure which does not belong to the group of other figures.

| A | B | C | D |

उस आकृति को दूर छोड़ जो अपने आकृति-समूह से संबंधित नहीं है।
103. Find the missing number in the number series given below:

06, 11, 21, 36, 56,...?

(A) 42  
(B) 51  
(C) 81  
(D) 91  

104. Find the missing number that has same relation to 26 as 37 has to 19.

19 : 37 : : 26 : ?

(A) 52  
(B) 51  
(C) 46  
(D) 43  

105. If you see the problem figure in the mirror, which figure out of the four figures A, B, C, and D will be the mirror image of figure 'X'.

YYY आकृति 'X' को दर्पण में देखा जाए तो उसका प्रतिबिंब दी गयी चार आकृतियों A, B, C तथा D में से किस एक के समान होगा?
106. Choose the word which is least like the other words in the group.

- (A) PICTURE
- (B) POSTER
- (C) BOOK
- (D) SCENERY

उस शब्द को चुनिये जो दूसरे शब्दों के समूह से मेल नहीं खाता है।

107. Which of the following diagrams indicates the best relation between Travelers, Train and Bus?

- नीचे दिये गए चित्र में से कौन सा चित्र यात्री, रेलगाड़ी तथा बस के संबंध को उत्तम रूप से दर्शाता है?

108. If **CAR** is to **PETROL** then **TELEVISION** is to ___.

CAR का जो संबंध PETROL से है वही संबंध TELEVISION का ____ के साथ होगा।

- (A) ANTENNA
- (B) TRANSMISSION
- (C) ENTERTAINMENT
- (D) ELECTRICITY
109. Which figure among the four figures A, B, C and D would replace the question mark in figure 'X'?

![Diagram]

110. A class of boys stands in a single line. One boy is nineteenth in order from both the ends. How many boys are there in the class?

(A) 27
(B) 37
(C) 38
(D) 39
111. If you fold the transparent paper along the dotted line Figure 'X' which alternative figure from A, B, C and D would you get?

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<tr>
<td>X</td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
</tbody>
</table>

112. If SCHOOL is to EDUCATION then BANK is to __ ?

- (A) ATM
- (B) CHEQUE
- (C) LOAN
- (D) LOCKER

113. If the given word is seen in mirror, which alternative would resemble its mirror image?

- (A) SHARE
- (B) SHARE
- (C) SHARE
- (D) SHARE
<table>
<thead>
<tr>
<th>114.</th>
<th>Choose the alternative that resembles the water image of the given alpha-numeric series below:</th>
<th>नीचे दिये गए संख्या शृंखला को यदि पानी में देखा जाए तो उसका प्रतिबिंब दिये गए विकल्पों में किस के समान दिखाई देगा?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HR2642O</td>
<td></td>
</tr>
<tr>
<td>(A) HR2642O</td>
<td>(B) HR2642O</td>
<td></td>
</tr>
<tr>
<td>(C) HR2642O</td>
<td>(D) HR2642O</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>115.</th>
<th>Choose the word which is least like the other words in the group.</th>
<th>उस शब्द को जो दूसरे शब्दों के समूह से मेल नहीं खाता।</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) EARTH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(B) SUN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(C) MERCURY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(D) JUPITER</td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>116.</th>
<th>Which figure among the four alternatives A, B, C and D would replace the question mark in figure X?</th>
<th>दिये गए विकल्पों A, B, C तथा D में से कौन सी आकृति X में प्रश्नवाचक चिन्ह '?' के स्थान पर आएगी?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>A</td>
<td>B</td>
</tr>
</tbody>
</table>
117. If all directions are rotated clockwise by 90° angle i.e North is changed to West, East to North and to on, then what will come in place of North West?

| (A) SOUTH - WEST  |
| (B) NORTH- EAST  |
| (C) SOUTH - EAST  |
| (D) EAST - WEST  |

118. Choose the word which can be formed from the given word :-

| (A) RUPTURE      |
| (B) SCULPTURE    |
| (C) FRACTURE     |
| (D) VULTURE      |

119. If you see the problem figure in the mirror along the dotted line, which figure out of the four figures A, B, C and D will be the mirror image of figure ‘X’.

| (A) A  | (B) B  | (C) C  | (D) D  |

यदि सारी दिशाओं को घड़ी की दिशा में 90° के कोण से घुमा दिया जाए, जैसे कि - उत्तर को पश्चिम, पूर्व को उत्तर बना दिया जाए, तो उत्तरी पश्चिम दिशा की जगह कौनसी दिशा आएगी?

यदि आकृति ‘X’ को दर्पण में देखा जाए तो उसका प्रतिविम्ब दी गयी चार आकृतियों A, B, C, D चार विकल्पों में से किस एक के समान होगा?
120. Choose the word which is least like the other words in the group.

(A) STUDENT
(B) LAWYER
(C) MECHANIC
(D) ENGINEER

121. If you see the problem figure 'X' in the mirror, which figure out of the four figures A, B, C and D will be the mirror image of it.

(A) STUDENT
(B) LAWYER
(C) MECHANIC
(D) ENGINEER
122. If '+' means '⅓', '⅓' means '⅔', '⅔' means '⅜' and '⅜' means '⅕', then what would be the answer of the equation?

\[ 12 + 6 \div 3 - 2 \times 8 = \]

(A) -2
(B) 2
(C) 4
(D) 8

123. Figure 'X' is embedded in any one of the four alternative figures A, B, C or D. Find the alternative which contains figure 'X' as its part.
124. If '+' means 'x', 'x' means '+', '+' means '-' and '-' means '+', then what would be the answer of the equation?

\[ 16 \times 3 + 5 - 2 \div 4 = ? \]

(A) 9  
(B) 10  
(C) 19  
(D) None of these

125. Nitin ranks eighteenth from the top in a class of 49 students. What is his rank from the last?

Nitin ने 49 बच्चों के कक्षा में अगले स्थान पर हैं। अंत से उसका स्थान क्या होगा?

(A) 18  
(B) 19  
(C) 31  
(D) 32