ALL INDIA SCHOOL SCHOLARSHIP EXAMINATION

Time : 2 Hours   **CLASS : 10TH**   **M.M. 200**

Examination Center : _____   Roll No. _____

I. LANGUAGE PAPER : ENGLISH   Marks : 50

1.   Fill in the Blanks with Modals :

1. We .... serve our country.   2. He ....succeed in this test.

3. He asked him if he .... attend the meeting   4. How ....he call your names?

5. A rat .... not eat a cat.

2.   Change the narrations :-

1. The thief said, "Sir, I am innocent".   ....

2. He said, " By God! I didn't abuse him."   ....

3. He was surprised to find me in the town   ....

3.   Combine into one complex sentence :

1. He went to Delhi. He was asked to do so. ....

2. He ran fast. He could not win the prize.   ....

4.   (A)   Pick out the word out of the group :-

1. Excellent, Marvellous, fearful, wonderfull   ....

2. Mother, sister, cousin, neighbour   ....

3. Upset, avoid, respond, starve, whisper.   ....

(B)   Give one word :

1. The person who do not believe in God._____

2. The person who knows everything._____

5.   Use the correct form of verb :-

1. They came _____ (see) everything.   2.   They _____ (Check) everything before.

3. He _____ (study) many hours everyday

4. After he _____(reach)home, the sun _____(rise)

5. I _____ (write) the letter before he _____ (come) to see me.

II. SOCIAL STUDIES   (30 Marks)

1. Who was the Leader of Boleshvik Party ? _____

2. Name the two military rules of country at present _____

3. The publication of the Tribune started in the year _____

4. Tha largest dam of the world _____

5. Who is the Chief Justice of Supreme Court of India ? _____

6. Who wrote the National Anthem of India ? _____

7. The Prersident of India will send his resignation to _____

8. _____ is the largest and _____ is the smallest state of India.

9. Who was the first Governor General of Independent India ? _____

10. The Himalya Mountain orginated from _____

11. _____ is the largest cotton producing country.

12. _____ was the first Home Minister of India.

13. How many states are there in our country? _____

14. Lucknow is situated on the bank of river _____

15. Which is the capital of two States _____

III. SCIENCE   (30 Marks)

1. Expands : AIDS _____   2. $P_2O_5 + H_2O \rightarrow$ _____

3. The functional group present in Ethanol is _____

4. What is the commercial unit of energy? _____

5. Insects that spread diseases are _____and _____

6. For which vitamin in orange a good source ? _____

7. S.I. unit of potential energy is _____!

8. How many Joules are there in 1 KW? _____

9. Who invented the steam engine & when?_____

10. Natural rubber is a monomor of _____

11. Name the egg laying animal _____. 12. Name the heaviest gas _____,_____.
13. Who invented the television? _____. 14. Newtons 3rd Law of gravitaion is _____.
15. The study of birds is called _____.

IV. GENERAL KNOWLEDGE   (30 Marks)

1. Name the coldest and the hottest places of India _____.
2. Which country has two Presidents _____.
3. The oldest language of world _____.
4. What was the name of Lord Krishna's Father? _____.
5. Name the largest active Volcino_____.
6. Name the first woman Prime Minister of India _____.
7. Name of the heaviest metal is _____.
8. Which plant is woodless _____.
9. Who is your State's Education Minister? _____.
10. Which fish produces the current ? _____.
11. What is the speed of Earth? _____.
12. What is the total area of India ? _____.
13. Neta Ji Subhash Chander Bose born in a _____ City in the year _____.
14. Who founded the Indian National Congress? _____.
15. Who is the Chief Minister of Uttar Pradesh (U.P.)? _____.

V. MATH AND MENTAL ABILITY   (60 MARKS)

1. Find the mean of x : x+2, x+4, x+8 = _____.
2. Find the L.C.M of $2(x^3+x^2-x-1)$ and $+2(x^3+5x^2+7x+3)$ = _____.
3. Find the value of $\dfrac{Sin^2 79 + Cos^2 11}{Cos^2 11 \quad Sin^2 79}$ = _____.
4. Find the mean of 35.5, 30.8, 27.3, 32.1, 23.8, 29.8 = _____.
5. Factorise the polynomials : $6x^{3n} - 15x^{2n} - 36^{xn}$ = _____.
6. The radius and height of a cylinder is 5:7 and its volume is $550cm^3$. Find the radius = _____.
7. The perimeter of Square is 2(2x+4y)x. Find its area._____.
8. Find G.C.D. of Polynomials : $(x+3)(x-2)^2$ and (x-2)(x-6) = _____.
9. $1+tan^2A$ = _____. 10. $Sin^2 60^0$ = _____. 11. $(100)^0$ = _____.
12. The diagonals of a rhombus are 15cm and 20cm. Find its area : _____.
13. Find the compound interest of Rs.5000/- at the rate of 10% for two year _____
14. Sum of number and its reciprocal is $\dfrac{17}{4}$ Find the number = _____
15. Tell the nature of roots of the quadratic equation $x^2 - 49 = 0$ _____.
16. Ram goes 8m due east and then 6m due north. How far is he from starting point? _____.
17. In a cyclic quadrilateral ABCD, $\rightarrow\angle A = 65^\circ$, $\rightarrow\angle B = 105^\circ$, then find $\rightarrow\angle D =$_____.
18. $x^3 + y^3$ = _____.
19. 10% of 20% of 8.00 will be _____.
20. 4x12+(50-5)5-20-7+15 = _____.
21. 17+1516-2x12+20 _____.
22. Complete : 1,9,17 , _____, _____, _____, _____, _____.
23. $Cosec^2 45^\circ - cot^2 45^0$ = _____.
24. If $tan\,\theta = \dfrac{a}{b}$ then $\dfrac{Cos\,\theta + Sin\,\theta}{Cos\theta - Sin\theta}$ = _____.
25. $Sin^2\,\theta + Cos^2\,\theta$ = _____.
26. Value of $Log_{10}100$ = _____.
27. The sum of interior angles of llgm is _____.
28. $x^3 - y^3$ = _____.
29. $tan^2 90$ = _____.
30. Complete the series : 1,3,5,7,_____, _____, _____, _____, _____.