ADITYA TALENT SCHOOL

X CLASS   **DAILY EXAM - 4**   **Dt : 23-04-2020**

SOCIAL - 2 (25 MARKS)

SECTION - I

$^1/_2$ mark questions.   **20 x $^1/_2$ = 10**

1.   Arrange the following Prime Ministers in Chronological order.

   i) H.D.Deva Gowda   ii) I.K. Gujral   iii) Chandra Shekar   iv) V.P. Sigh

2.   Underline the party which was not in the Left Front Government.

   CPI, CPM, Forward Black, Janta Paty

3.   Article 360 : Financial Emergency : : Article 356 : ....

4.   1) He is the sixth Lok Sabha Speaker.

   2) He is the sixth President of India.

   Who is he?

5.   Which is the correct set?

   i)   Telecom Revolution – V.P. Singh.

   ii)   Kg 2 / - Rice introduced – NTR

   iii)   The first coalition government – Rajiv Gandhi

6.   Find out the odd one.

   Congress, BJP, DMK, CPI

7.   Name the regional party in Punjab.

8.   Arrange the following incidents in chronological order.

   i) Formation of TDP   ii) Operation Blue star

   iii) Ram Janma Bhoomi Ratha Yatra   iv) End of emergency

9.   First coalition government to be reelcted was ....

10.   Expand SAD.

11.   NATO : USA : : Warsaw pact : ....

12.   Find the odd one out.

   1965, 1948, 1962, 1971.

13.   Identify the incorrect set and rewrite it correctly.

   Kargil war   – 2009

   Cold war   – 1945 to 1991

   Bhopal gas tragedy – 1984

14.   WHO : Geneva : : ILO : ....

15. "Glasnost" and "Perestroika" are associated with .... ?

16. "We have emerged from the Second World War the most powerful nation in the world, the most powerful nation, perhaps, in all history. Who was given this statement ?

17. Cold war took place between .... and ....

18. Match the following.

    i) Sputnik   a) Nuclear plant

    ii) Chernobyl   b) Jordan

    iii) Bandung Conference   c) Russia

    iv) PLO   d) Indonsia

19. Write the missing information.

    USA : Capitalism, USSR : ....

20. Identify the <u>country</u> which is connecting with the following statements.

    Promised Land, Zionist movement, Middle East.

SECTION - II

1 mark questions.   15 x 1 = 15

21. Who are considered as "out siders" in Assom?

22. What is meant by "Policy Paralysis"?

23. What is "Telecom Revolution"?

24. Expand AASU. What are the main demands of AASU.

25. Define "ethnic cleansing".

26. What do you know about Mandal Commission Report?

27. What is the importance of 73rd constitutional amendment?

28. Expand DMK, LTTE, AGP, SAD.

29. What is "Veto power"?

30. What was called the "Zionist movement "?

31. What is meant by "Proxy War"?

32. Why did Egypt support the Palestinians during the conflict?

33. What is Look East Policy?

34. What was "Mukti Bahini"?

35. Expand SEATO, CENTO, NATO, NAM

MATHEMATICS - 1 (25 MARKS)

SECTION - I

$\frac{1}{2}$ mark questions. $20 \times \frac{1}{2} = 10$

1. In a G.P, $a_{n-1} = $ ....

2. In an A.P., $S_n - S_{n-1} = $ ....

3. In $4, -8, 16, -32, ...$ then common ratio = ...

4. In an A.P, the sum of n terms, $S_n = 4n - n^2$ then first term, $a_1 = $ ....

5. If $\sqrt{7}, x, \dfrac{1}{\sqrt{7}}$ are the consecutive terms of a G.P, then the value of $x = $ ....

6. $\tan 60°, \tan 45°, \tan 30°$ are in ....

7. $\dfrac{3}{2}, \dfrac{3}{4}, \dfrac{3}{8}, ...$ are in G.P then $a_{10} = $ ....

8. In an A.P, $l = 28$, $S_n = 144$ and $n = 9$ then $a = $ ....

9. If a, b, c are in A.P then $5^a, 5^b, 5^c$ are in ....

10. Tenth term of the series $x + \dfrac{4x}{3} + \dfrac{5x}{3} + 2x + ...$ is ....

11. The $9th$ term of the A.P : $5, 1, -3, -7....$ is ....

12. If $a = 256$ and $r = -\dfrac{1}{2}$ then 10th term of G.P. is ....

13. The nth term of a G.P is $2(0.5)^n$ then first term $a = $ ....

14. $1 + 3 + 5 + ... + 2n - 1 = $ ....

15. If a, b, c are in G.P then $\dfrac{b}{a} = $ ....

16. In an A.P. $a = -6$, $d = 3$ then $a_{15} = $ ....

17. $0.001, 0.01, 0.1, 1, ...$ are in .... progression.

18. In a series, $a_n = \dfrac{n(n+3)}{n+1}$ then $a_{17} = $ ....

19. Next three terms in the series $3, 1, -1, -3$ are ....

20. The reciprocal terms of a G.P. will from ....

1 mark questions.   15 x 1 = 15

21. Determine the A.P. whose 3rd term is 5 and 7th term is 9.

22. How many two digit numbers are divisible by 3?

23. If $x, x+2$ and $x+6$ are the terms of G.P then the value of $x = $ ....

24. Find 10th term a_{10} of A.P whose $S_n = 3 + 2n$.

25. The fourth term of G.P is $\dfrac{2}{3}$ and the 7th term is $\dfrac{16}{81}$ then find the common ratio.

26. For the A.P. $\dfrac{1}{4}, \dfrac{-1}{4}, \dfrac{-3}{4}, \dfrac{-5}{4}, \cdots$ the 7th term is ....

27. In a flower bed, there are 23 rose plants in the first row, 21 in the second, 19 in the third and so on. There are 5 plants in the last row. How many rows are there in the flower bed.

28. Are the terms $x+2, x+4, x+9$ possible in A.P? Give reasons.

29. Find the sum of 100 natural numbers.

30. In an A.P first term is 8 and common difference is 2 then which term becomes zero.

31. Which term of G.P $\dfrac{1}{3}, \dfrac{1}{9}, \dfrac{1}{27} \cdots$ is $\dfrac{1}{2187}$.

32. If $a, \dfrac{1}{ax}, \dfrac{1}{ay}, \dfrac{1}{az}, b$ are in G.P then x, y, z are in which progression?

33. In an A.P : $a = 3.5$, $d = 0$ and $n = 105$. Find S_n.

34. If $2p+1, 13, 5p-3$ are the consecutive terms of an A.P then find p.

35. Sum to n terms of the series.

$$\left(1 - \frac{1}{n}\right) + \left(1 - \frac{2}{n}\right) + \left(1 - \frac{3}{n}\right) + \cdots \cdots \text{ is } \cdots \cdots$$