BIOLOGY ASSIGNMENT CLASS XI

Answer the following questions

1. **Which among these DO NOT present in green algae?**
   **A) Different forms of chloroplast B) Phycoerythrin C) anisogamy
   D) starch**
2. **In a tendon, there is/ are**
   A) Straited muscle B) ligaments C) Adipose tissue d) blood
3. **The prion is/are**
   A) Infective form of viriod
   B) Infective in bovine
   C) Infective form of virion
   D) All of the above
4. **Trisomy is best seen in**
   A) Down's syndrome
   B) Turner syndrome
   C) Klienfelter syndrome
   D) Both A and C
5. **Systematics is referred by**
   A) Anatomist B) Cytologist C) taxonomist D) Geneticist

In a flower , the position and arrangement of its floral parts is of importance. There are manifold techniques employed which brings fruitful results. The introduction of morphological or anatomical has manifested tremendous impact into the science of flower and tissue culture has bought munificence results

   Answer the following questions
6. <u>**The arrangement of megasporangia is called**</u>
   A) Phyllotaxy B) Cytologist C) taxonomy D) None
7. **Hypogyny means**
8. **Assertion and Reasoning**
   A- The arrangement of accessory parts in the flower is called aestivation.
   R- It exhibits the stamens and its position with relation to carpel.
9. **Which among these NOT involves in connective tissue?**
   A) Fibre B) collagen C) Ground substance D) actin
10. **The full form of ICBN**

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शरदकालीन अवकाश गृहकार्य (Autumn Break HHW) 2021- 22

कक्षा :- ग्यारहवीं XI   विषय '- हिंदी HINDI

1.अध्यापन करवाये गए पाठों के प्रश्नोत्तर को हल करके उसे अपनी कॉपी में करना हैं। उन पाठों से वस्तुनिष्ठ प्रश्न बनाकर भी नोट्स में लिखने हैं और याद करना हैं।

2.शब्दकोश को पढ़कर उससे जुड़े 10 वस्तुनिष्ठ प्रश्न तैयार करके अपनी हिंदी नोट्स में लिखने हैं।

शिक्षक:-डी आर ईणखिया , परास्नातक शिक्षक हिंदी

Holiday Homework for class 11

1.show that the sum of (m + n)th term and (m-n)th term of the A.P is equal to the twice of m th term.

2. find the sum of all numbers between 200 and 400 which are divisible by 7

3. the sum of some terms of GP is 315 whose first term and the common ratio are 5 and 12 find the last term and the number of terms.

4. The sum of three numbers in GP is 56 if we subtract 1, 7 , 21 from these numbers in that order we are obtained an arithmetic progression find the number

5. Find x. If $((1+i)/(1-i))^x = 1$.

6. Find a, and b.

(i) $(2a + b, a - b) = (8, 3)$.   (ii) $(a/4. , a-2b) = (0, 6 + b$

7. Let A = {−1, 2, 3} and B = {1, 3}. Determine
(i) A × B   (ii) B × A.   (iii) B × B.   (iv) A × A

8. Find the domain of $f(x) = (2x)^2 - 1$ and $g(x) = 1 - 3x$ are equal.

9.Solve the system of equations Re $(z^2) = 0$, $|z| = 2$.

10.If $|z +1| = z + 2(1 + i)$, then find z.

KENDRIYA VIDYALAYA TIRUVANNAMALAI
WINTER BREAK HOLIDAY HOME WORK
CLASS:11&12   SUB-
ENGLISH

You have been assigned 25 topics to prepare ASL project. You can choose any one of the topics and write a speech script in 200-250 words.

You can include a title page, introduction, body and conclusion in the speech script:

1. Population Explosion
2. Benefits of Co-education

3. My Favorite Travel Trip
4. My Favorite Childhood Memory
5. My Favorite Sportsplayer
6. **My Favorite Book**
7. Importance of Learning through Experience
8. **Poverty in India**
9. If I were a Doctor
10. Impact of Smartphones
11. A Letter to My Favorite Leader
12. Punctuality vs Procrastination
13. **My Dream Job**
14. **Cashless India**
15. **Online Learning**
16. Skills & Hobbies I Learned in Lockdown
17. Importance of Friendship
18. My Best Friend
19. If I were a Writer
20. Reliance on Technology
21. Do we need a dress code in schools?
22. **Life of Buddha & His Teachings**
23. Open Book Exams
24. Ancient Education or Modern Education
25. Internet Privacy

The topic that you choose need to be used for ASL speaking test to be undertaken after winter break.

Chemistry holiday home work

1. Calculate the amount of carbon dioxide is formed when 20g of lime stone undergoes decomposition

2. Define periodicity? How atomic size and IP varies in groups and periods

3. what are the possible 'l' values if n=3

4. Explain azimuthal and spin quantum numbers

5. what is the wavelength of the ball of mass 10g with velocity 20m/s.

Autumn Break HW

Class 11   Sub: Physics

1. The density of a cube is calculated by measuring the length of one side and its mass. If the maximum errors in the measurement of mass and length are 3% and 2% respectively, then what is the maximum possible error in the measurement of density?
2. Two trains each of the length 109 m and 91 m are moving in opposite directions with velocities 34 km h^{-1} and 38 km h^{-1} respectively. At what time the two trains will completely cross each other?
3. A jet airplane travelling at the speed of 500 km/h ejects its products of combustion at the speed of 1500 km/h relative to the jet plane. What is the speed of the latter with respect to an observer on the ground?
4. A man walks on a straight road from his home to a market 2.5 km away with a speed of 5 km h–1. Finding the market closed, he instantly turns and walks back home with a speed of 7.5 km h–1. What is the (a) magnitude of average velocity, and (b) average speed of the man over the interval of time (i) 0 to 30 min, (ii) 0 to 50 min, (iii) 0 to 40 min ?

<u>KV THIRUVANNAMALAI</u>

<u>AUTUMN BREAK HOLIDAY HOMEWORK OCT' 2021</u>

<u>CLASS XI –COMPUTER SCIENCE</u>

Q.1. What is the basic building block of any computer?

Q.2. What is the role of the CPU in a computer?

Q.3. What is the function of memory in a computer?

Q.4. What are the functions of input and output units of a computer?

Q.5. What are the functions performed by the control unit in the computer?

Q.6. Distinguish the internal and external memory of a computer?

Q.7. What are the various categories of software?

Q.8. What is the operating system and how it is important for any computer?

Q.9. Do you feel mobile phones are replacing computers, if yes then why?

Q.10: What is the biggest binary number you can write with 5 bits?

Q.11: Convert the binary number 1101101111110101 to hexadecimal.

Q.13: Convert the hex number ABC7 to binary number.

Q.14: Binary numbers to decimal:

   a. 1101000111101
   b. 101010101010

Q.15: Convert the following Decimal values to binary:

   a. 58
   b. 203

Q.16: Convert the following Octal numbers to decimal:

   a.743
   b.3777

Q.17: Convert the following Decimal values to octal:

   a.255
   b.375

Q.18: Convert the following Hex values to decimal:

   a. 2C1
   b. 37FD

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