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.How many coulombs of electricity are required for reduction of 0.2 mole of $Cr_2O_7^{-2}$ to Cr^{+3}

2.Calculate the molar conductivity of at infinite dilution of AgCl from the following data

   $\Lambda°m(AgNO_3)$ =133.4, $\Lambda°m$ (KCl) =149.9, $\Lambda°m(KNO_3)$ =144.9 S Cm^2 mol^{-1}

3.i) what is faraday first law?

  ii) A 0.1 M aqueous solution of NaCl is diluted by addition of water. what happens to the values

     its conductivity, molar conductivity and equivalent conductivity

4.what is rate of reaction? The rate of formation of dimer in a second order dimerization reaction

   Is $9.5×10^{-5}$ mol/L S^{-1} at 0.01 M. calculate rate constant

5.calculate the half life of first order reaction from their rate constants given below

   a) 200 s^{-1} b) 2 min^{-1}

6.1) what is activation energy? How it affects rate of reaction?

  2) In which reations rate constant is equal to rate of reaction?

7.what are DP and DM present in the following

  a) cheese   b) cloud   c) smoke

8.1) why enthalpy of chemisorption is more than physisorption

  2) write any two characteristics of chemisorption

9.1) what is the charge on the colloidal solution when excess of KI is added to $AgNO_3$

   2) what is the flocculation value of NaCl if 100 ml of arsenious sulphide sol requires 5 ml of

     1M NaCl for coagulation

10.write Riemer-tiemann and sand Meyers reaction

BIOLOGY ASSIGNMENT CLASS XII

Answer the following questions

1. Which among these DO NOT play an role in Transcription?
   A) Promoter B) coding strand C) rho factor D) P site
2. In a DNA loop , the number of bp are
   A) 9 B) 8 C) 10 d) 11
3. The basic aminoacids found in the nucleosome is/are
   A) Glycine and lysine
   B) Lysine and value

C) Glycine and arginine

D) Lysine and arginine

4. Trisomy is best seen in
    A) Down's syndrome
    B) Turner syndrome
    C) Klienfelter syndrome
    D) Both A and C

5. Oxytocin is released by
    A) Ovary B) Endometrial C) pituitary D) adrenal

In ART, the Reproduction health is of more importance. There are manifold techniques employed which brings fruitful results. The introduction of embryo or gamete into the female reproductive tract under invitro conditions is performed in infertility clinics.

   Answer the following questions

6. The transfer of embryo in the Oviduct of the recipient is
    A) IUT B) ICSI C) GIFT D) ZIFT

7. ICSI means

8. Assertion and Reasoning
    A- The transfer of embryo after morula stage in the uterus is called IUT
    R- It has more than 8 celled stage embryo

9. Which among these involves microinjection strategy?
    A) ZIFT B) ICSI C) GIFT D) IUI

10. The full form of ZIFT
    ☆☆☆☆☆☆☆☆☆☆☆☆☆☆

शरदकालीन अवकाश गृहकार्य **2021- 22**

कक्षा :- बारहवीं

विषय :- हिंदी **(Hindi)**

1. अभ्यास परीक्षा प्रथम के प्रश्नपत्र को हलकर के अपने हिंदी नोट्स में करना हैं।
2. सभी पाठों के वस्तुनिष्ठ प्रश्नोतर को पढ़ना है।
3. प्रतिदर्श प्रश्नपत्र प्रथम को अपनी हिंदी नोट्स में करते हुए उन्हीं प्रश्नों को याद करना हैं।
4. पूर्व में जो परियोजना कार्य दिया गया था **(Project Work)** उसको सही ढंग से पूरा करके उसकी हार्ड कॉपी व सॉफ्ट कॉपी को विद्यालय में जमा करना है

डी आर ईणखिया, परास्नातक शिक्षक हिंदी

Holiday homework for class 12

Maths

1.The equation of normal to the curve $3x^2 - y^2 = 8$ which is parallel to the line $x + 3y = 8$ is

(A) $3x - y = 8$.   (B) $3x + y + 8 = 0$.   (C) $x + 3y \pm 8 = 0$.   (D) $x + 3y = 0$

2.If the curve $ay + x^2 = 7$ and $x^3 = y$, cut orthogonally at $(1, 1)$, then the value of a is:.

  (A) 1   (B) 0.   (C) – 6.   D)6

3.The equation of tangent to the curve $y(1 + x^2) = 2 - x$, where it crosses x-axis is:

(A) $x + 5y = 2$.   (B) $x - 5y = 2$.   (C) $5x - y = 2$.   (D) $5x + y = 2$

4.The points at which the tangents to the curve $y = x^3 - 12x + 18$ are parallel to   x-axis are:.   (A) (2, –2),
(–2, –34).   (B) (2, 34), (–2, 0).   (C) (0, 34), (–2, 0).   (D) (2, 2), (–2, 34)

5.The tangent to the curve $y = e^{(\wedge 2x)}$ at the point (0, 1) meets x-axis at:

(A) (0, 1).   (B) (-1/2, 0).   (C) (2, 0).   (D) (0, 2)

6.The slope of tangent to the curve $x = t^2 + 3t - 8$, $y = 2t^2 - 2t - 5$ at the point (2, –1) is:

A) 22/7.   (B) 6/7.   (C) – 6 /7.   (D) – 6

II. Find the first derivatives

I) $y = \tan\{e^{\wedge}\sin x\}$

II) $x^{13}y^7 = (x+y)^{20}$

III)$y = (((\sin x)^{\wedge}\sin x)^{\wedge} \sin x....$

IV) $\tan(x+y) + \tan(x-y) = 1$

V) $y\sqrt{(x^2+1)} = \log\{(\sqrt{(x^2+1)}) - x\}$

AUTUMN BREAK HOLIDAY HOMEWORK OCT' 2021

CLASS XII –COMPUTER SCIENCE

Q.1. How will you convert a string to all lowercase?

Q.2. What are negative indexes and why are they used?

Q.3. What do you understand by undefined variables in Python?

Q.4. What is the error in the following code :
       X, Y = 7

Q.5. If the following code is executed, what will be the output?

          name="ComputerSciencewithPython"
   print(name[3:10])

Q.6. Differentiate between Positional Argument and Default Argument of function in python with suitable example

Q.7. What is the meaning of the return value of a function? Give an example to illustrate its meaning.

Q.8. Differentiate between Global and Local variables with a suitable example

Q.9. A text file "Quotes.Txt" has the following data written in it:
Living   a   life   you can be   proud of doing   your best
Spending your time with people and activities that are important to you standing
up for things that are right even when it's hard. Becoming   the   best
version   of   you .
Write a user-defined function to display the total number of words present in the file.

Q.10. Write a python program to copy file1.txt into file2.txt

Q.11. Write the functions required to handle CSV files.

Q.12: Escape sequences are treated as ....
(a) strings   (b) characters   (c) integers   (d) none of these

Q.13: The following set of commands is executed in Python shell, what will be the output?
   >>>str="welcome"
   >>>str[:3]
(a) wel   (b) ome   (c) wce   (d) welcome

Q.14: Suppose str='welcome' . All the following expressions produce the same result except one. Which one?
 (a) str[: : -6]   (b) str[: : -1][: : -6]   (c) str[: :6]   (d) str[0] + str[-1]

Q.15: What is the output of the following code segment?
   str1="hello"
   str2="world"
   print(str1+str2.upper())
(a) helloworld   (b) HELLOWORLD   (c) helloWORLD   (d) HELLO WORLD

Q.16: Which of the following is the wrong dictionary declaration?

(a) d= {"mon" : 1, "tue" : 2, "wed" : 3}   (b) d= {1 : "mon", 2 : "tue",3 : "wed"}
(c) d= {[1,2] : "hello"}   (d) d= {(1,2) : "hello"}

Q.17: Which of the following function returns a list datatype
     (a) d=f.read()   (b) d=f.read(10)
     (c) d=f.readline()   (d) d=f.readlines()

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Kendriya Vidyalaya Thiruvannamalai

2021 – 22

Autumn Break Holiday HW

Class: 12

Sub: Physics

Assignment:

Solve the Mid term Exam question paper, with complete answers and submit the same on Google Classroom.

Question Paper will be posted on Google classroom after exam.