

Cl 11geography

Ch movement of ocean water

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2. Classify tides on base frequency.
3. Draw a diagram of spring tide and neap tide
4. Mention the importance of tides
5. Distinguish between warm ocean current and cold ocean current
6. Elucidate the effects of ocean current
7. On the map of world label and locate :
 - A. North Atlantic drift
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East Point School

ASSIGNMENT - Class: - XI

DEPRECIATION AND PROVISIONS AND RESERVES

1. Explain the following terms
 - (a) Depreciation
 - (b) Depletion
 - (c) Amortisation
2. Differentiate between Straight Line Method and Written down value method of depreciation.
3. What are the different causes of depreciation?
4. Shakti Cements purchased on 1st January, 2004, a plant for Rs. 80,000. On 1st April, 2005, it purchased additional plant costing Rs. 48,000. On 31st December, 2006 the plant purchased on 1st January, 2004 was sold for Rs. 42,000 and on the same date a fresh plant was purchased for Rs. 75,000. Depreciation is provided at 10% p.a. on the Straight Line Method. Accounts are closed on 31st December every year. Show the Plant Account for 3 years (Along with working notes.)
5. On 1st January 2011, Robotics Ltd. purchased a Robot for Rs. 5,82,000 and spent Rs. 18,000 on its installation. On 1st July, 2011, another Robot costing Rs. 2,00,000 was purchased. On 1st July 2013, the Robot purchased on 1st January, 2011 was auctioned for Rs. 2,86,000 and a new Robot for Rs. 4,00,000 was purchased on the same date. Depreciation was provided annually on 31st December every year at the rate of 10% on Written Down Value Method. Prepare Robot Account from 2011 to 2013 and also maintain Provision for Depreciation Account.
6. SuperMachinery Ltd. purchased a second hand machine on April 1, 2011 for Rs. 3,70,000 and spent Rs. 20,000 on its repairs and Rs. 10,000 on its installation. On 1st Oct, 2012 it purchased another machine for Rs. 1,00,000 and on Oct 1, 2013 sold off the first machine purchased on 1st April, 2011 for Rs. 2,80,000. On the same date it purchased a machine for Rs. 2,50,000. On 1st Oct, 2014 second machine purchased for Rs. 1,00,000 was also sold off at a loss of Rs. 60,000. Depreciation was provided on the machine at a rate of 10% p.a. on the original cost annually on 31st March. Prepare the Machine account for four years.
7. A limited company purchased on 1st January, 2009 a plant for Rs. 38,000 and spent Rs. 2,000 for carriage and brokerage. On 1st April, 2010, it purchased additional plant costing Rs. 20,000. On 1st August, 2011 the plant purchased on 1st January, 2009 was sold for Rs. 25,000. On the same date, the plant purchased on 1st April, 2010 was sold at a profit of Rs. 2,800. Depreciation is provided @ 10% per annum on diminishing balance method every year. Accounts are closed on 31st December every year. Show the Plant Account for 3 years.
8. Differentiate between Provision and reserve.
9. State the importance and purpose maintaining provisions and reserves.
10. What are the different types of reserves. Explain them in brief.
11. Differentiate between General Reserve and Specific Reserve.
12. Differentiate between Capital Reserve and Revenue reserve.

East point school

Class-11- biology

Assignment- chp- Elimination product

1. Where does the selective reabsorption of Glomerular filtrate take place? Solution: 1

2. . Identify the glands that perform the excretory function in prawns.1
- 3.What is the excretory structure in amoeba? 1
4. Differentiate Glycosuria from Ketonuria. 1
5. Differentiate Glycosuria from Ketonuria. 1
6. Show the structure of a renal corpuscle with the help of a diagram. 2
- 7.What is the role played by Renin-Angiotensin in the regulation of kidney function? 2
8. Comment upon the hormonal regulation of selective reabsorption. 3
9. Draw a labelled diagram showing reabsorption and secretion of major substances at different parts of the nephron. 5
- 10.a. How does tubular secretion help in maintaining ionic and acid-base balance in body fluids? 5
- b. The glomerular filtrate in the loop of Henle gets concentrated in the descending and then gets diluted in the ascending limbs. Explain.

Link- <https://youtu.be/eW5ICEtjN4w>

Assignment-Physics-Class-11

MECHANICAL PROPERTIES OF SOLIDS

- 1 What is a rigid body?
 - 2 What is meant by elasticity? Give an example
 - 3 What is Plasticity? Give an example.
 - 4 Define stress. Give the formula to find stress. Also give the SI unit of measurement of it.
 - 5 What is longitudinal strain? Give the formula to find the longitudinal strain?
 - 6 Give the differences between longitudinal stress and shearing stress.
 - 7 Define volume strain. What is the SI unit of measurement of it?
 - 8 State Hooke's Law. Also plot the stress –strain curve for a metal showing the different regions
 - (i) elastic limit
 - (ii) Permanentset
 - (iii) Yieldpoint
 - (iv) Permanentset
 - 9 Plot the stress-strain curve for the elastic tissue of Aorta. What do you call such a substance?
 - 10 Define Young's Modulus of elasticity. What is the unit of measurement of Modulus of elasticity? Derive the formula to find the Young's Modulus of elasticity.
 - 11 A structural steel rod has a radius of 10 mm and a length of 1.0m. A 100kN force stretches along its length. Calculate (a) stress, (b) elongation, and (c) strain on the rod. Young's modulus of structural steel is $2.0 \times 10^{11} \text{ N m}^{-2}$.
 - 12 A copper wire of length 2.2 m and a steel wire of length 1.6m, both of diameter 3.0mm, are connected end to end. When stretched by a load, the net elongation is found to be 0.7.mm. Obtain the load applied.
 - 13 Explain how will you determine the Young's Modulus of the Material of a wire
 - 14 What is hydraulic stress?
-

Weekly Assignment

PHYSICAL EDUCATION

- Q.1. What is the meaning of 'Psyche'?**
- (a) Soul (b) Behaviour
(c) Environment (d) Science
- Q.2. What is not come under growth?**
- (a) Increase in Height (b) Increase in Weight
(c) Increase in size (d) Increase in obesity
- Q.3. What is the meaning of development?**
- (a) Change in structure of body? organ
(b) Change in size
(c) Change in maturity
(d) All of the above
- Q.4. Adolescent age is—**
- (a) 12 to 18 years (b) 13 to 18 years
(c) 9 to 18 years (d) 10 to 18 years
- Q.5. In the childhood, Individual's behaviour in most influenced by—**
- (a) Community (b) School
(c) Peer group (d) family
- Q.6. The cause of frustration among sports person is—**
- (a) Result of own performance
(b) Normally due to mismatched level of aspiration and ability
(c) Result of good performance
(d) Natural outcome of competitive sports
- Q.7. How is psychology defined today?**
- (a) The science of behaviour and mental processes
(b) The science of human behaviour and mental processes
(c) The science of mind
(d) The study of motivation, emotion, personality, adjustment and abnormality
- Q.8. Who is regarded as the father of psychology?**
- (a) Sigmund Freud (b) Ivan Pavlov
(c) John B. Watson (d) Wilhelm Wundt
- Q.9. When catching a ball, your hand knows when to grip because?**
- (a) Your Parasympathetic nervous system is active
(b) Alpha waves are being generated by your brain
(c) Participating muscles receive efferent signals from the brain
(d) Afferent signals inform your hand that the ball is about to make contact.

Weekly Assignment

YOGA

Q1 Explain Yogic Diet.

Q2 Differentiate between Satvic food, and Rajasic food.

Q3 Describe benefits of fasting.

ASSIGNMENT ON
LISTS, TUPLE & DICTIONARY

Q1. Give the output of the following code:-

```
list=['p','r','o','b','l','e','m']  
list[1:3]=[]  
print(list)  
list[2:5]=[]  
print(list)
```

Q2. Give the output of the following code:-

```
l1=[13,18,11,16,13,18,13]  
print(l1.index(18))  
print(l1.count(18))  
l1.append(l1.count(13))  
print(l1)
```

Q3. WAP in python to create a list of natural numbers from 1 to 50 using for loop.

Q4. WAP in python to take two lists of same size and create a third list of same size with adding elements at the same location of 1st & 2nd list. E.g. if A=[1,2,3], B= [4,5,6], then C[5,7,9].

Q5. WAP in Python to accept any ten numbers from the user in a list and display the maximum number along with its position.

Q6. WAP in Python to calculate & display the factorial of all elements of an integer list.

Q7. Predict the output of the following code in python:

```
T1=(1,)*3  
T1[0]=2  
Print(T1)
```

Q8. Predict the output of the following code in python:

```
TupleA='m','n'  
TupleB=('m','n')  
Print(TupleA==TupleB)
```

Q9. WAP in Python to create a phone dictionary for your ten friends and then print them in format:name of friend : mobile number

Q10. Predict the output of the following code in python:

```
Fruit ={ }  
  
L=['Orange','Apple','Grapes']  
  
For index in L:  
  
    If index in Fruit:  
        Fruit[index]+=1  
  
    else:  
        Fruit[index]=1  
  
print(len(Fruit))  
print(Fruit)
```

Psychology-11th

Chapter 3: Bases of human behavior.

Q1. During the british rule, many individuals and groups adopted several aspects of british lifestyle. This change refers to_____.

Q2. What is synapse, give a diagrammatical representation for the same.

Q3. Differentiate between parasympathetic and sympathetic nervous system.

Q4. Explain the functional locations and the working of the following gland:

-Adrenal glands

-Thyroid gland

-Pituitary gland

Q5. How do parents and schools act as a major socialization agents in a child's life?

Q6. How is assimilation different from Separation? Give examples

Q7. Describe the main agents of socialization.

Q8. How can we distinguish between acculturation and socialization?

Q9. Discuss the acculturative strategies adopted by individuals during the course of acculturation.

Q10. What is meant by culture, what are its important features

<https://youtu.be/rM6HhbTfq5s>

Limits and Derivatives

Class 11

1. Evaluate $\lim_{x \rightarrow 1/2} \frac{8x^3 - 1}{16x^4 - 1}$

2. Evaluate $\lim_{x \rightarrow 3} \frac{x^3 - 7x^2 + 15x - 9}{x^4 - 5x^3 + 27x - 27}$

3. Evaluate $\lim_{x \rightarrow 2} \frac{x^{10} - 1024}{x - 2}$

4. Find n if $\lim_{x \rightarrow 2} \frac{x^n - 2^n}{x - 2} = 80$

5. Evaluate $\lim_{x \rightarrow 0} \frac{\tan x - \sin x}{x^3}$

6. Evaluate $\lim_{x \rightarrow 0} \frac{(8+x)^{\frac{1}{3}} - 2}{x}$

CI 11geography

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ASSIGNMENT

BUSINESS STUDIES (054) CLASS-XI

CHAPTER-8 SOURCES OF BUSINESS FINANCE

- Q1. Define ploughing back of profits.
- Q2. State the return given to debenture holders for using their funds.
- Q3. Give one feature of retained earnings that the other source of finance does not have.
- Q4. Risk capital is defined as which type of capital?
- Q5. Mention one similar function between preference share capital and equity share capital.
- Q6. Mention two points to differentiate share and debenture.
- Q7. Explain the three limitations of 'residual owners..
- Q8. Explain trade credit.