

16 January 2021

HARI VIDYA BHAWAN

Session- 2020-2021

Subject- Accounting (055)

Class -11th

Worksheet-19

Chapter- 16 (Depreciation)

General instruction :

- Solve the worksheet in your Fair Subject Note Book.
- Do all formats (Journal , Ledger, Cash Book) properly. Don't use calculator.
- To solve this worksheet you can take help of the following link

[https://youtu.be/ rZ738nauOg](https://youtu.be/rZ738nauOg) (Depreciation)

https://youtu.be/COZDiYF_iuc

Topic – Depreciation

Q.1. Depreciation is a process of_____ .

- a) Valuation of charge
- b) Allocation of cost**
- c) Valuation of Profit
- d) Valuation of assets

Q.2. Under straight line method depreciation is calculated on _____ value of asset_____.

- a) Market
- b) Original
- c) Written down
- d) Cost less scrap**

Q.3. The term depletion is used for :

- a) Natural resources**
- b) Intangible assets
- c) Liabilities
- d) Fixed asset

Q.4. The term _____ is generally used for the depreciation of natural resources.

- a) Amortization

- b) Appreciation
- c) Disposal value
- d) Depletion**

Q.5. Obsolescence means decrease in assets_____.

- a) Assets become out of fashion
- b) Due to its use in business operations
- c) Both (a) and (b)
- d) None of these

Q.6. What is 'Depreciation'?

Q.7. What are the causes of depreciation?

Q.8. Explain basic factors affecting the amount of depreciation

Q.9. Explain the Simple Method (Straight Line Method) of depreciation.

HARI VIDYA BHAWAN

SESSION- 2020-2021

Subject- Mathematics

Class – 11th

Worksheet – 19

Chapter – 13

(Limits & Derivatives)

General Instructions :-

1. Complete these worksheets in Subject Notebook.
2. Complete this worksheets as your Final Term Exam. Marks would be given to those who complete it else you will have to go through pen paper test after the school reopens.
3. If you have any query related to worksheets ask your queries in whatsapp group between 8:30 am to 3:00 pm.
4. See video link/Video no. <https://www.youtube.com/watch?v=89ng2fSwuAQ> and book pdf (shared on the whatsapp group) in every worksheet as it will help you to understand the topic.

23. Find $\lim_{x \rightarrow 0} f(x)$ and $\lim_{x \rightarrow 1} f(x)$, where $f(x) = \begin{cases} 2x+3, & x \leq 0 \\ 3(x+1), & x > 0 \end{cases}$

24. Find $\lim_{x \rightarrow 1} f(x)$, where $f(x) = \begin{cases} x^2 - 1, & x \leq 1 \\ -x^2 - 1, & x > 1 \end{cases}$

25. Evaluate $\lim_{x \rightarrow 0} f(x)$, where $f(x) = \begin{cases} \frac{|x|}{x}, & x \neq 0 \\ 0, & x = 0 \end{cases}$

26. Find $\lim_{x \rightarrow 0} f(x)$, where $f(x) = \begin{cases} \frac{x}{|x|}, & x \neq 0 \\ 0, & x = 0 \end{cases}$

27. Find $\lim_{x \rightarrow 5} f(x)$, where $f(x) = |x| - 5$

28. Suppose $f(x) = \begin{cases} a + bx, & x < 1 \\ 4, & x = 1 \\ b - ax, & x > 1 \end{cases}$

and if $\lim_{x \rightarrow 1} f(x) = f(1)$ what are possible values of a and b ?

HARI VIDYA BHAWAN

Session- 2020-2021

Subject- History

Class -11th

Worksheet-19

Chapter-10 Displacing Indigenous peoples

General instruction :

(I) Solve the worksheet in your subject Note Book. .

(II) To solve this worksheet you can take help of the following link:

https://youtu.be/gkVayw_1EWA

Question

Q1. Slavery was abolished in the USA.....

- (a) 1865. (b) 1765
(c) 1867. (d) 1767

Q2. Why did the British and the French come to settle in America in the 19th century?

Q3. Discuss a few objectives for the development of industries in North America.

Q4. What do you know about W.E.H. Stanner?

Q5. How will you justify that the Europeans and the natives of America had different perceptions regarding forests and agriculture?

Q6. Write on the following:

- (a) The gold Rush
(b) Position of natives in Australia

Q7. How would you interpret the expansion of the USA? Also discuss the development of agriculture in the USA.

Q8. What do you know about wind of change in the USA and Canada?



HARI VIDYA BHAWAN

Session- 2020-2021

Subject- Accountancy (055)

Class -12th

Revision Worksheet- 51

Chapter- 2 (fundamental of Partnership)

General instruction :

- Solve the worksheet in subject fair Note Book.

1. If dates of the withdrawal of drawings are not given then interest on drawings should be charged:
 - a. For 0 months
 - b. For 6 months
 - c. For 12months
 - d. For 8 months

2. Calculate the average profit of last four year's profits. The profits of the last four years were:

2008	27000
2009	39000
2010	16000(loss)
2011	40000

- a. ₹10000
 - b. Rs. 22500
 - c. ₹30000
 - d. ₹40000
3. A, B and C are partners sharing profits equally. A and B has given a minimum gurantee of Rs. 8,000 to the C. How much amount of profit C will get, when profit of the firm is Rs.30,000.
 - a. 22,000
 - b. 10,000
 - c. 30,000
 - d. 8,000
 4. Salary paid to a partner will be shown in:
 - a. Partners current account only
 - b. Profit and loss appropriation account
 - c. Profit and loss account
 - d. Partners capital account only
 5. When rate of Interest on Drawings is given without the word per annum, interest will be calculated _____

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- a. For 12 month
 - b. Irrespective of a time period
 - c. For 6 month
 - d. For 1 month
6. In the absence of provision in the partnership deed, in which ratio is the deficiency arising out of guarantee of profit to a partner borne by the other partners?
7. Following is the extract of the Balance Sheet of, Neelkant and Mahadev as on March 31, 2017:

Balance Sheet as at March 31, 2017			
Liabilities	Amount Rs	Assets	Amount Rs
Neelkant's Capital	10,00,000	Sundry Assets	30,00,000
Mahadev's Capital	10,00,000		
Neelkant's Current Account	1,00,000		
Mahadev's Current Account	1,00,000		
Profit and Loss Appropriation (March 2017)	8,00,000		
	30,00,000		30,00,000

During the year Mahadev's drawings were Rs 30,000. Profits during 2017 is Rs 10,00,000. Calculate interest on capital @ 5% p.a for the year ending March 31, 2017.

8. Ritesh and Hitesh are childhood friends. Ritesh is a consultant whereas Hitesh is an architect. They contributed equal amounts and purchased a building for Rs.2 crores. After a year, they sold it for Rs.3 crores and shared the profits equally. Are they doing the business in a partnership? Give reason in support of your answer.
9. State the provisions of Indian Partnership Act, 1932 regarding the payment of remuneration to a partner for the services rendered.

10. P and Q are partners from 1st January, 1998 without any partnership agreement and they introduced capital of Rs. 40,000 and Rs. 20,000 respectively. On 1st July, 1998, P advances Rs. 10,000 by way of loan to the firm without any agreement as to interest. The Profit & Loss Account for the year 1998 disclosed a profit of Rs.14,250; but the partners cannot agree upon the question of interest and upon the basis of division of profits. You are required to divide the profit between them giving reasons for your method.

11. A, B and C were partners in a firm. On 1st April, 2008, their fixed capitals stood at Rs 50,000, Rs 25,000 and Rs 25,000 respectively. As per the provisions of the partnership deed

- i. B was entitled for a salary of Rs 5,000 per annum.
- ii. All the partners were entitled to interest on capital at 5% per annum.
- iii. Profits were to be shared in the ratio of capitals.

The net profit for the year ending 31st March 2009 of Rs33,000 and 31st March, 2010 of Rs45,000 was divided equally without providing for the above terms. Pass an adjustment journal entry to rectify the above error.

12. A and B entered into partnership on 1st April, 2009 without any partnership deed. They introduced capital of Rs 5,00,000 and Rs 3,00,000 respectively. On 31st October, 2009, A advanced Rs 2,00,000 by way of loan to the firm without any agreement as to interest. The profit and loss account for the year ended 31st March, 2010 showed a profit of Rs 4,30,000, but the partners could not agree upon the amount of interest on loan to be charged and the basis of division of profits.

Pass a journal entry for the distribution of the profit between the partners and prepare the capital accounts of both the partners and loan account of 'A'.

13. Anju, Manju and Mamta are partners whose fixed capitals were Rs 10,000, Rs 8,000 and Rs 6,000, respectively. As per the partnership agreement, there is a provision for allowing interest on capitals @ 5% p.a. but entries for the same have not been made for the last three years. The profit-sharing ratio during 2014 (4:3:5), 2015 (3:2:1) and 2016 (1:1:1). Make necessary and adjustment entry at the beginning of the fourth year i.e. Jan. 2017.

14. S and P are partners in a firm sharing profits and losses equally. On 1st April, 2011, the capital of the partners were, S Rs 20,000 and P Rs 16,000. The profit and loss account of the firm showed a net profit of 37,500 (before interest on P's loan) for the year ended 31st March, 2012. Considering the following information, prepare the profit and loss appropriation account of the firm and the partners' capital account.
- i. Interest on capital to be allowed @ 6% p.a.
 - ii. Interest on P's loan account of Rs 10,000 for the whole year.
 - iii. Interest on drawings of partners @ 6% p.a. Drawings being S Rs 4,000 and P Rs 3,000.
 - iv. Transfer 10% of the distributable profits of the reserve.
15. Kajol and Sunny were partners sharing profits and losses in the ratio of 3:2. The following Balances were extracted from the books of account for the year ended March 31, 2015.

Particulars	Debit Amount Rs	Credit Amount Rs
Capital:		.
Kajol		1,15,000
Sunny		91,000
Current accounts [on 1-04-2005*]		
Kajol		4,500
Sunny	3,200	
Drawings		
Kajol	6,000	
Sunny	3,000	
Opening stock	22,700	
Purchases and Sales	1,65,000	2,35,800
Freight inward	1,200	

Returns	2,000	3,200
Printing and Stationery	900	
Wages	5,500	
Bills receivables and Bills Payables	25,000	21,000
Discount	400	800
Salaries	6,000	
Rent	7,200	
Insurance premium	2,000	
Traveling expenses	700	
Sundry expenses	1,100	
Commission		1,600
Debtors and Creditors	74,000	78,000
Building	85,000	
Plant and Machinery	70,000	
Motor car	60,000	
Furniture and Fixtures	15,000	
Bad debts	1,500	
Provision for doubtful debts		2,200
Loan		25,000
Legal expenses	300	
Audit fee	900	
Cash in hand	7,500	
Cash at bank	12,000	
	5,78,100	5,78,100

Prepare final accounts for the year ended March 31, 2015, with the following adjustments:

- i. Stock on March 31, 2015, was Rs 37,500.
- ii. Bad debts Rs 3,000; Provision for bad debts is to be made at 5% on debtors
- iii. Rent Prepaid was Rs 1,200.
- iv. Wages outstanding were Rs 2,200.
- v. Interest on capital to be allowed on capital at 6% per annum and interest on drawings to be charged @ 5% per annum.
- vi. Kajol is entitled to a Salary of Rs 1,500 per annum.
- vii. Prepaid insurance was Rs 500.
- viii. Depreciation was charged on Building, @ 4%; Plant and Machinery, @ 5%; Motor car, @ 10% and furniture and fixture, @ 5%.
- ix. Goods worth Rs 7,000 were destroyed by fire on January 20, 2015. The Insurance company agreed to pay Rs 5,000 in full settlement of the claim.

HARI VIDYA BHAWAN
SESSION- 2020-2021
Subject- Mathematics
Class – 12th
Worksheet – 51
Chapter – 11 (Three Dimensional Geometry)
Exercise – 11.2

General Instructions :-

1. Complete these worksheets in Subject Notebook.
2. Complete this worksheets as your Board Examination. Marks would be given to those who complete it else you will have to go through pen paper test after the school reopens.
3. If you have any query related to worksheets ask your queries in whatsapp group between 8 am – 3 pm.
4. All the students must download Meritnation app for all content related to chapter for completing worksheets.
5. See video link/Video no. https://www.youtube.com/watch?v=Xl_gGqonlc&list=PLr6TOxpiWwuG9uRJ1kgfTBZU0T9adskXd and book pdf (shared on the whatsapp group) in every worksheet as it will help you to understand the topic.

EXERCISE 11.2

1. Show that the three lines with direction cosines

$\frac{12}{13}, \frac{-3}{13}, \frac{-4}{13}, \frac{4}{13}, \frac{12}{13}, \frac{3}{13}, \frac{3}{13}, \frac{-4}{13}, \frac{12}{13}$ are mutually perpendicular.

2. Show that the line through the points $(1, -1, 2), (3, 4, -2)$ is perpendicular to the line through the points $(0, 3, 2)$ and $(3, 5, 6)$.
3. Show that the line through the points $(4, 7, 8), (2, 3, 4)$ is parallel to the line through the points $(-1, -2, 1), (1, 2, 5)$.
4. Find the equation of the line which passes through the point $(1, 2, 3)$ and is parallel to the vector $3\hat{i} + 2\hat{j} - 2\hat{k}$.
5. Find the equation of the line in vector and in cartesian form that passes through the point with position vector $2\hat{i} - \hat{j} + 4\hat{k}$ and is in the direction $\hat{i} + 2\hat{j} - \hat{k}$.
6. Find the cartesian equation of the line which passes through the point $(-2, 4, -5)$ and parallel to the line given by $\frac{x+3}{3} = \frac{y-4}{5} = \frac{z+8}{6}$.
7. The cartesian equation of a line is $\frac{x-5}{3} = \frac{y+4}{7} = \frac{z-6}{2}$. Write its vector form.
8. Find the vector and the cartesian equations of the lines that passes through the origin and $(5, -2, 3)$.

HARI VIDYA BHAWAN

Session- 2020-2021

Subject- History

Class -12th

Worksheet-51

Chapter-15 Framing of the Constitution

General instruction :

(I) Solve the worksheet in your subject Note Book.

(II) To solve this worksheet you can take help of the following link....

https://youtu.be/S8HI972dO_A

QUESTIONS

Q1. Who presented Objective Resolution in front of Constituent Assembly?

- (a) Mahatma Gandhi. (b) Dr. B.R. Ambedkar
(c) Pt. Jawaharlal Nehru. (d) Sardar Vallabhbhai Patel

Q2. Which Communist leader was there in the Constitution Assembly?

- (a) Somnath Chatterjee. (b) Somnath Lahiri
(c) Bhatukeshwar Dutt. (d) S.N. Mukherjee

Q3. What is the contribution of Dr. B.R. Ambedkar in framing the Constitution?

Q4. Give a brief description of Drafting committee.

Q5. Due to division of the country, nationalist leaders were in justified on the proposal of separate electorate. Evaluate the statement.

Q6. Which Fundamental Rights are provided by the Constitution to the citizens of India?

Q7. What is our national language? What are its main features?

Q8. When was Indian Constitution imposed? How many articles and schedules it has?

