HARI VIDYA BHAWAN
Session- 2020-2021
Subject- Accounting (055)
Class -11th
Worksheet-14
Chapter- 20 (Capital and Revenue)

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/**HWfw3Er88lI**   **(Capital and Revenue)**

Topic –Capital and Revenue

Q.1. What is Capital Expenditure?

Q.2. What is Revenue Expenditure?

Q.3. What do you mean by Deferred Revenue Expenditure

Q.3. State the difference between Capital Expenditure and Revenue Expenditure.

Q.4. State with reasons whether the following are capital or revenue expenditures:

(i) A new machine is purchased for ₹ 60,000, ₹ 800 were spent on its carriage   and ₹ 1,500 were paid as wages for its installation.

(ii) A sum of ₹ 10,000 was spent on painting the new factory.

(iii) ₹ 5,000 paid for the erection of a new machine.

(iv) ₹ 2,000 were spent on repairs before using a second-hand generator purchased recently.

(v) ₹ 1,500 were spent on the repair of machinery.

(vi) ₹ 10,000 was paid as brokerage on the issue of shares and other expenses of the
Issue were ₹ 25,000.

Q.5. State whether the following expenditure are Capital, Revenue or Deferred Revenue. Give reasons:

(i) Furniture of the book value of ₹ 10,000 was sold off at ₹ 2,500 and new furniture of the value of ₹ 6,000 was acquired, cartage on purchase ₹ 50.

(ii) Temporary was constructed costing ₹25,000. These are necessary for the construction of the new building and were demolished when the buildings were ready.

(iii) Replacement of old machine by a new one.

(iv) Damages paid by a transport company to its passengers injured in an accident.

(v) ₹40,000 was spent is dismantling the removing the machinery from old sites to a more suitable site.

(vi) Removal of stock from the old site to new site cost 420,000. The new site is more favourably located.

Q.6. Classify the following into Capital, Revenue and Deferred Revenue .expenditure, stating reasons in each case:

(a) A sum of ₹ 32,000 has been spent on a machine as follows: (i) ₹ 20,000 for addition to double the output, (ii) ₹ 5,000 for repairs necessitated by negligence and (iii) ₹ 7,000 for replacement of worn-out parts.

(b) Total expenditure on a cinema building during the year was ₹ 2,00,000 out of which 20% related to repairs and 80% represented improvements and additions.

(c) Compensation paid to a retrenched employee for the loss of employment.

(d) Second-hand furniture worth ₹ 40,000 was purchased and repairing of this furniture cost ₹ 15,000. The furniture was installed by own workmen-wages for this being ₹ 5,000.

(e) A person was injured by the motor car of the company. ₹ 10,000 was paid to him by way of compensation.

(f) Advertisement expenditure in special advertisement drive.

Q.7. State with reasons whether the following receipts would be treated as Capital or Revenue:-

(a) ₹ 5,000 received from a customer whose account was previously written off as bad.

(b) ₹ 20,000 received from the sale of an old machine.

(c) ₹ 2,60,000 received from the sale of stock-in-trade.

(d) ₹ 5,00,000 is contributed by a partner as capital.

(e) Took a loan of ₹ 10 Lac from Punjab National Bank.

(f) Received ₹ 4 Lac as subsidy from State Government

(g) Received ₹ 8 Lac as a grant from State Government for the construction of quarters For the staff.

HARI VIDYA BHAWAN
SESSION- 2020-2021
Subject- Mathematics
Class – 11th
Worksheet – 14
Chapter – 11
(Conic Section)

General Instructions :-

1. Complete these worksheets in Subject Notebook.
2. Complete this worksheets as your Mid 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.

EXERCISE 11.1

In each of the following Exercises 1 to 5, find the equation of the circle with

1. centre $(0,2)$ and radius 2
2. centre $(-2,3)$ and radius 4
3. centre $\left(\dfrac{1}{2}, \dfrac{1}{4}\right)$ and radius $\dfrac{1}{12}$
4. centre $(1,1)$ and radius $\sqrt{2}$
5. centre $(-a, -b)$ and radius $\sqrt{a^2 - b^2}$.

In each of the following Exercises 6 to 9, find the centre and radius of the circles.

6. $(x + 5)^2 + (y - 3)^2 = 36$
7. $x^2 + y^2 - 4x - 8y - 45 = 0$
8. $x^2 + y^2 - 8x + 10y - 12 = 0$
9. $2x^2 + 2y^2 - x = 0$

10. Find the equation of the circle passing through the points $(4,1)$ and $(6,5)$ and whose centre is on the line $4x + y = 16$.

11. Find the equation of the circle passing through the points $(2,3)$ and $(-1,1)$ and whose centre is on the line $x - 3y - 11 = 0$.

12. Find the equation of the circle with radius 5 whose centre lies on x-axis and passes through the point $(2,3)$.

13. Find the equation of the circle passing through $(0,0)$ and making intercepts a and b on the coordinate axes.

14. Find the equation of a circle with centre $(2,2)$ and passes through the point $(4,5)$.

15. Does the point $(-2.5, 3.5)$ lie inside, outside or on the circle $x^2 + y^2 = 25$?

HARI VIDYA BHAWAN

Session- 2020-2021
Subject- History
Class -11th
Worksheet-14

Chapter-9 The Industrial Revolution

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/OT55UrF-3Xg

Question

Q1. When did the industrial revolution begin?

   (a) 16th century.   (b) 17th century

   (c) 18th century.   (d) 19th century

Q2. When was Corn Law passed in Britain?

   (a) In 1814.   (b) In 1815

   (c) In 1816.   (d) In 1817

Q3. .... Machine was devised to be used by child workers.

Q4. What do you mean by Luddism?

Q5. Name the two persons who made a remarkable contribution in the construction of canalin England.

Q6. Industrial revolution with its demands for raw material and markets made nations more dependent on one another. How?

Q7. Industrialisation was a natural step in the progress of mankind. Why?

HARI VIDYA BHAWAN
Session- 2020-2021
Subject- Accountancy (055)
Class -12th
Worksheet-49
Chapter- 7 Cash flow statement

General instruction :

- Solve the worksheet in subject fair Note Book.
- To solve this worksheet you can take help of the following link: https://youtu.be/pISQMexnmew

Q.1. The various activities operating,investing and financing classified as per ___related to cash flow statement
   a.   AS –   5(revised)
   b.   AS –   4(revised)
   c.   AS –   6(revised)
   d.   AS –   3(revised)

Q.2. Dividend Received is concerned with_____.
   a) Operating Activities
   b) None of these
   c) Financing Activities
   d) Investing Activities

Q.3. 'Vinod Ltd.' is carrying on a paper manufacturing business. In the current year, it purchased machinery for Rs.30,00,000; it paid Salaries of Rs. 60,000 to its employees; it required funds for expansion and therefore, issued shares of Rs. 20,00,000. It earned a profit of Rs.9,00,000 for the current year. Find out cash flows from operating activities.
   a) 9,00,000
   b) 8,00,000
   c) 20,00,000
   d) 8,60,000

Q.4. Cash Flow Statement is also known as ;
   a) Statement of Changes in Financial Position on Cash basis' and 'Statement accounting for variation in cash'
   b) Statement of Changes in Financial Position on Cash basis
   c) Statement accounting for variation in cash
   d) None of these

Q.5. Dividend Received is considered as operating activity when_____.

a) Receivedby a manufacturing company
b) Receivedby a Trading Company.
c) Receivedby any company.
d) Received by a finance company

Q.6. What is the difference between operating activity and investing activity?

Q.7. Give the meaning of Cash Flow.

Q.8. Give two examples of Cash Equivalents.

Q.9. "An enterprise may hold securities and loans for dealing or trading purpose in which they are similar to inventory acquired specifically for resale." Is this statement correct? Cash flows from such activities will be classified under which type of activity while preparing cash flow statement?

10. Interest received on debentures would result into inflow, outflow' or no flow of cash? Give reason.

11. Give any five transactions belong to operating and investing activities.

12. Classify the following into Cash Flows fromOperating Activities; Investing Activities; Financing Activities.

i. Cash sale of goods in cash
ii. Cash payment to acquire fixed assets
iii. Cash payments from issuing shares at a premium
iv. Payment of dividend
v. Interest received on Investment
vi. Interest Paid on debentures
vii. payment of income tax
viii. Cash repayment of long term loans
ix. Cash payment of salaries and wages to employees

13. A company had following balances
investment in the beginning = 34000
investment at the end = 28000

during theyear,company sold 40% of its investments held in the beginning of the periodat a profit of 8400. Calculate cash flow form investing activity.

Q.14. Following is the balance sheet of Rs Ltd as at 31st March, 2016.

	Particulars	Note No.	31st March, 2016 Amt (Rs)	31st March,2015 Amt (Rs)
1.	EQUITY AND LIABILITIES			
	1.Shareholders' Funds			
	(a) Share Capital		9,00,000	7,00,000
	(b) Reserves and Surplus	1	2,50,000	1,00,000
	2.Non-current Liabilities			
	Long-term Borrowings	2	4,50,000	3,50,000
	3.Current Liabillities			
	(a)Short-term Borrowings	3	1,50,000	75,000
	(b)Short-term Provisions	4	2,00,000	1,25,000
	Total		19,50,000	13,50,000
2	ASSETS			
	1.Non-current Assets			
	(a)Fixed Assets			
	(i)Tangible	5	14,65,000	9,15,000
	(ii)Intangible	6	1,00,000	1,50,000
	(b) Non-current Investments		1,50,000	1,00,000
	2.Current Assets			
	(a)Current Investments		40,000	70,000

(b)Inventories	7	1,22,000		72,000
(c)Cash and Cash Equivalents		73,000		43,000
Total		19,50,000		13,50,000

Note to Accounts

Note No.	Particulars	31st March,2016 Amt (Rs)	31st March,2015 Amt (Rs)
1.	Reserves and Surplus (Surplus i.e., Balance in the Statement of Profit and Loss)	2,50,000	1,00,000
		2,50,000	1,00,000
2.	Long-term Borrowings 12% Debentures	4,50,000	3,50,000
		4,50,000	3,50,000
3.	Short-term borrowings Bank Overdraft	1,50,000	75,000
		1,50,000	75,000
4.	Short-term Provisions Proposed Dividend	2,00,000	1,25,000
		2,00,000	1,25,000
5.	Tangible Assets		
	Machinery	16,75,000	10,55,000
	Accumulated Depreciation	(2,10,000)	(1,40,000)
		14,65,000	9,15,000
6.	Intangible Assets		
	Goodwill	1,00,000	1,50,000

		1,00,000	1,50,000
7.	Inventories		
	Stock in Trade	1,22,000	72,000
		1,22,000	72,000

Additional Information

i. Rs.1,00,000, 12% debentures were issued on 31st March,2016.

ii. During the year a piece of machinery costing Rs.80,000 on which accumulated depreciation was Rs. 40,000 was sold at a loss of Rs.10,000.

Prepare a cash flow statement.

HARI VIDYA BHAWAN
SESSION- 2020-2021
Subject- Mathematics
Class – 12th
Worksheet – 49
Chapter – 10 (Vector Algebra)
Exercise – 10.4

General Instructions :-

1. Complete these worksheets in Subject Notebook.
2. Complete this worksheets as your Preboard 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_qGIqonlc&list=PLr6TOxpiWwuG9uRJ1kgfTBZU0T9adskXd and book pdf (shared on the whatsapp group) in every worksheet as it will help you to understand the topic.

EXERCISE 10.4

1. Find $|\vec{a} \times \vec{b}|$, if $\vec{a} = \hat{i} - 7\hat{j} + 7\hat{k}$ and $\vec{b} = 3\hat{i} - 2\hat{j} + 2\hat{k}$.

2. Find a unit vector perpendicular to each of the vector $\vec{a} + \vec{b}$ and $\vec{a} - \vec{b}$, where $\vec{a} = 3\hat{i} + 2\hat{j} + 2\hat{k}$ and $\vec{b} = \hat{i} + 2\hat{j} - 2\hat{k}$.

3. If a unit vector $\vec{a}$ makes angles $\frac{\pi}{3}$ with $\hat{i}$, $\frac{\pi}{4}$ with $\hat{j}$ and an acute angle θ with $\hat{k}$, then find θ and hence, the components of $\vec{a}$.

4. Show that
$$(\vec{a} - \vec{b}) \times (\vec{a} + \vec{b}) = 2(\vec{a} \times \vec{b})$$

5. Find λ and μ if $(2\hat{i} + 6\hat{j} + 27\hat{k}) \times (\hat{i} + \lambda\hat{j} + \mu\hat{k}) = \vec{0}$.

6. Given that $\vec{a} \cdot \vec{b} = 0$ and $\vec{a} \times \vec{b} = \vec{0}$. What can you conclude about the vectors $\vec{a}$ and $\vec{b}$?

7. Let the vectors $\vec{a}, \vec{b}, \vec{c}$ be given as $a_1\hat{i} + a_2\hat{j} + a_3\hat{k}$, $b_1\hat{i} + b_2\hat{j} + b_3\hat{k}$, $c_1\hat{i} + c_2\hat{j} + c_3\hat{k}$. Then show that $\vec{a} \times (\vec{b} + \vec{c}) = \vec{a} \times \vec{b} + \vec{a} \times \vec{c}$.

8. If either $\vec{a} = \vec{0}$ or $\vec{b} = \vec{0}$, then $\vec{a} \times \vec{b} = \vec{0}$. Is the converse true? Justify your answer with an example.

9. Find the area of the triangle with vertices A(1, 1, 2), B(2, 3, 5) and C(1, 5, 5).

HARI VIDYA BHAWAN

Session- 2020-2021
Subject- History
Class -12th
Worksheet-49

REVISION WORK
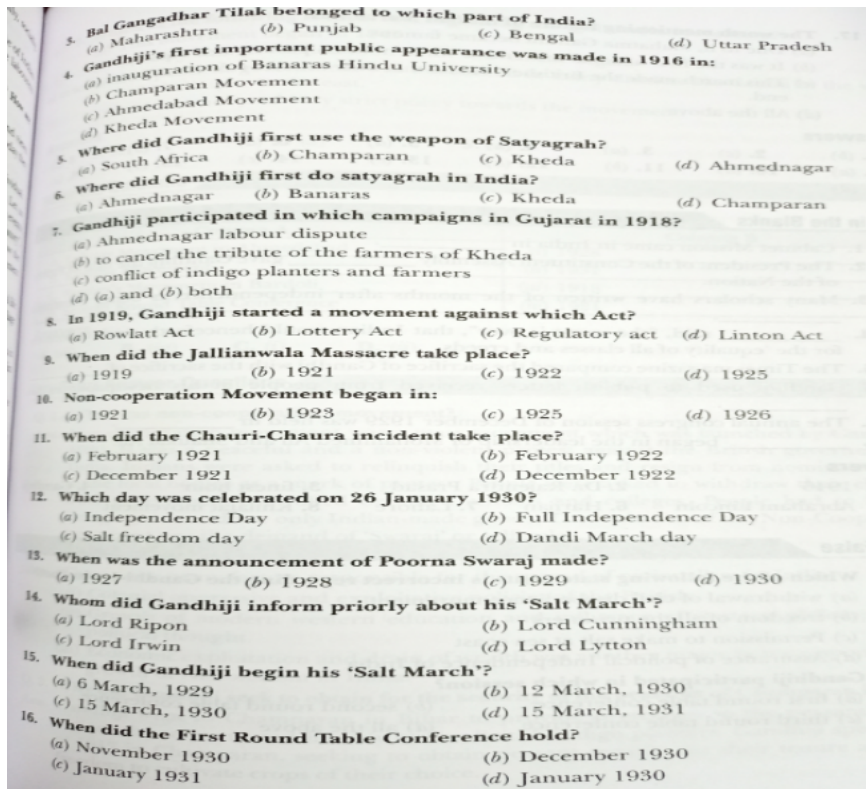
Chapter-13. Mahatma Gandhi and the National movement

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/66qzHzJnulY

Questions

3. Bal Gangadhar Tilak belonged to which part of India?
   (a) Maharashtra   (b) Punjab   (c) Bengal   (d) Uttar Pradesh
4. Gandhiji's first important public appearance was made in 1916 in:
   (a) inauguration of Banaras Hindu University
   (b) Champaran Movement
   (c) Ahmedabad Movement
   (d) Kheda Movement
5. Where did Gandhiji first use the weapon of Satyagrah?
   (a) South Africa   (b) Champaran   (c) Kheda   (d) Ahmednagar
6. Where did Gandhiji first do satyagrah in India?
   (a) Ahmednagar   (b) Banaras   (c) Kheda   (d) Champaran
7. Gandhiji participated in which campaigns in Gujarat in 1918?
   (a) Ahmednagar labour dispute
   (b) to cancel the tribute of the farmers of Kheda
   (c) conflict of indigo planters and farmers
   (d) (a) and (b) both
8. In 1919, Gandhiji started a movement against which Act?
   (a) Rowlatt Act   (b) Lottery Act   (c) Regulatory act   (d) Linton Act
9. When did the Jallianwala Massacre take place?
   (a) 1919   (b) 1921   (c) 1922   (d) 1925
10. Non-cooperation Movement began in:
    (a) 1921   (b) 1923   (c) 1925   (d) 1926
11. When did the Chauri-Chaura incident take place?
    (a) February 1921   (b) February 1922
    (c) December 1921   (d) December 1922
12. Which day was celebrated on 26 January 1930?
    (a) Independence Day   (b) Full Independence Day
    (c) Salt freedom day   (d) Dandi March day
13. When was the announcement of Poorna Swaraj made?
    (a) 1927   (b) 1928   (c) 1929   (d) 1930
14. Whom did Gandhiji inform priorly about his 'Salt March'?
    (a) Lord Ripon   (b) Lord Cunningham
    (c) Lord Irwin   (d) Lord Lytton
15. When did Gandhiji begin his 'Salt March'?
    (a) 6 March, 1929   (b) 12 March, 1930
    (c) 15 March, 1930   (d) 15 March, 1931
16. When did the First Round Table Conference hold?
    (a) November 1930   (b) December 1930
    (c) January 1931   (d) January 1930

Fill in the Blanks

1. Cabinet Mission came in India in _____.
2. The President of the Constituent Assembly _____ gave Gandhiji the title of Father of the Nation.
3. Many scholars have written of the months after independence as being Gandhiji's _____.
4. _____ said, "the worst is over", that Indian would henceforth work collectively for the 'equality of all classes and creeds.
5. The Times magazine compared the sacrifice of Gandhi with the sacrifice of _____.
6. Gandhiji used to publish letters received from people in his newspaper named _____.
7. The annual congress session of December 1929 was held in _____.
8. _____ began in the leadership of Mohammed Ali and Shaukat Ali.

swers

1. 1946