HARI VIDYA BHAWAN
Session- 2020-2021
Subject- Accounting (055)
Class -11th
Worksheet-16
Chapter- 19 (Rectification of Errors)

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/ivIo4iXGFFY

Topic – Rectification of Errors

Q.1. State the meaning of a Trial Balance.

Q.2. What kinds of errors would cause difference in the trial balance? Also list examples that Would not be revealed by a trial balance?

Q.3. What are the different types of errors that are usually committed in recording business transaction ?

Q.4. Give two examples of errors of principle?

Q.5. Give two examples of errors of commission?

Q.6. Give two examples of errors of omission?

Q.7. Give two examples of Compensating errors ?

HARI VIDYA BHAWAN
SESSION- 2020-2021
Subject- Mathematics
Class – 11th
Worksheet – 16
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.

In each of the Exercises 1 to 9, find the coordinates of the foci, the vertices, the length of major axis, the minor axis, the eccentricity and the length of the latus rectum of the ellipse.

1. $\dfrac{x^2}{36} + \dfrac{y^2}{16} = 1$

2. $\dfrac{x^2}{4} + \dfrac{y^2}{25} = 1$

3. $\dfrac{x^2}{16} + \dfrac{y^2}{9} = 1$

4. $\dfrac{x^2}{25} + \dfrac{y^2}{100} = 1$

5. $\dfrac{x^2}{49} + \dfrac{y^2}{36} = 1$

6. $\dfrac{x^2}{100} + \dfrac{y^2}{400} = 1$

7. $36x^2 + 4y^2 = 144$

8. $16x^2 + y^2 = 16$

9. $4x^2 + 9y^2 = 36$

In each of the following Exercises 10 to 20, find the equation for the ellipse that satisfies the given conditions:

10. Vertices ($\pm 5, 0$), foci ($\pm 4, 0$)

11. Vertices ($0, \pm 13$), foci ($0, \pm 5$)

12. Vertices ($\pm 6, 0$), foci ($\pm 4, 0$)

13. Ends of major axis ($\pm 3, 0$), ends of minor axis ($0, \pm 2$)

14. Ends of major axis ($0, \pm \sqrt{5}$), ends of minor axis ($\pm 1, 0$)

15. Length of major axis 26, foci ($\pm 5, 0$)

16. Length of minor axis 16, foci ($0, \pm 6$).

17. Foci ($\pm 3, 0$), $a = 4$

18. $b = 3$, $c = 4$, centre at the origin; foci on the x axis.

19. Centre at $(0,0)$, major axis on the y-axis and passes through the points $(3, 2)$ and $(1,6)$.

20. Major axis on the x-axis and passes through the points $(4,3)$ and $(6,2)$.

HARI VIDYA BHAWAN

Session- 2020-2021
Subject- History
Class -11th
Worksheet-16

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. Name any four cities of Britain where protest movement took place against the Enclosure

movement.

Q2. When and where was combination Act enacted? What was its aim?

Q3. Discuss the condition of workers in England in context of industrial revolution.

Q4. How did the Industrial Revolution in England affect India's economy?

Q5. Discuss the socio economic effects of the Industrial Revolution.

Q6. What short of reforms through laws were made by the British government to improve the

condition of workers? What were the weaknesses of these measures?

Q7. What was trade unions? Discuss its aim while they were formed.