HARI VIDYA BHAWAN

SESSION- 2020-2021

Subject- MATHEMATICS

Class -12th

Worksheet – 2

1) Find X and Y, if $2X + 3Y = \begin{bmatrix} 2 & 3 \\ 4 & 0 \end{bmatrix}$ and $3X + 2Y = \begin{bmatrix} 2 & -2 \\ 1 & 5 \end{bmatrix}$

2) $A = [a_{ij}]_{m \times n}$ is a square matrix, if
   a) $m < n$
   b) $m > n$
   c) $m = n$
   d) none of these

3) If $\begin{bmatrix} x+3 & 4 \\ y-4 & x+y \end{bmatrix} = \begin{bmatrix} 5 & 4 \\ 3 & 9 \end{bmatrix}$, find *x* and *y*

4) If $A = \begin{bmatrix} 2 & 4 & 1 \\ 3 & 1 & 2 \\ 1 & 3 & 3 \end{bmatrix}$ and $B = \begin{bmatrix} 2 & 1 & 2 \\ 1 & 0 & 2 \\ 0 & 2 & -4 \end{bmatrix}$, then find the value of
   (a) $A - B$
   (b) $A + B$
   (c) $3A$
   (d) $7B$
   (e) $4A - 5B$
   (f) $6A + 9B$
   (g) $3A - B$
   (h) $A + 7B$

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SESSION-2020-2021

Subject- Accountancy (055)

Class -12th

Worksheet-2

Chapter-1(Financial Statement of Not For Profit Organisations)

Multiple choice Questions.

Q.1. Receipts and Payment Account is a...............

  A. Personal Account
  B. Real Account
  C. Nominal Account
  D. None of the above

O.2. Receipts and Payment Account is a Summary of :

  A. Debit and Credit Balance of ledger Accounts
  B. Cash Receipts and Payments
  C. Expenses and Incomes
  D. Assets and Liabilities

Q.3. Receipts and Payment Account generally shows :

  A. A Debit Balance
  B. A Credit Balance
  C. Surplus & Deficit
  D. Capital Fund

Q.4. What do you mean by Receipts and Payment Account. Explain essential features of Receipts andPayment Account **.**

Activity- Draw the format of Receipts and Payment Account with imaginary figures.

HARI VIDYA BHAWAN

SESSION 2020-2021
CLASS - XII
HISTORY
WORKSHEET - 2

Chapter-1 Brick, Beads and Bones.
(Harappan Civilisation)

Read this topic from your book and answer the following questions.

Page no.-2,3,4,5

Topic: Subsistence Strategies and Agricultural Technology

Questions

1. What kinds of subsistence strategies that Harappans adopted?

2. What do you mean by Archaeo- Botanists and Archaeo- Zoologists?

3. Describe the agricultural technologies adopted by the Harappan Civilisation?

4. Who Founded Harappa?

5. Who discovered Mohenjo-Daro?

Activity
6. On the political map of India locate the following Harappan sites:

   (a) Banawali

   (b) Kalibangan

   (c) Shortughai

   (d) Rakhigarhi